

Cr oxide coated woodland camouflage textiles for protection of defense target signature in UV-Visible-IR spectrum opposing of hyperspectral and digital imaging

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Table SI 7, absorption value of PA 6,6-Sample-01, scanned by hyperspectral camera at 2500 nm

ObsID 1	1	2	3	4	5	6	7	8	9
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
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14	0	0	0	0	0	0	0	0	0
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16	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0.61789
25	0	0	0	0	0	0	0	1.090529	0.625038
26	0	0	0	0	0	0	0	0.853373	1.049226
27	0	0	0	0	0	0	0	1.015493	1.012541
28	0	0	0	0	0	0	0	1.121977	0.506271
29	0	0	0	0	0	0	0	1.781563	0.253135
30	0	0	0	0	0	0	0	0	1.628594
31	0	0	0	0	0	0	0	0	0.971798
32	0	0	0	0	0	0	0	0	1.268639
33	0	0	0	0	0	0	0	0.435132	1.065949
34	0	0	0	0	0	0	0	1.700302	0.870264
35	0	0	0	0	0	0	0	0.808439	1.092306
36	0	0	0	0	0	1.152065	0.49028	1.796718	0.746613
37	0	0	0	0	0	0.980561	0.735421	1.047254	0.804831

38	0	0	0	0	1.938316	0	0.680214	0.488075	0.620939
39	0	0	0	0	0	0	3.38644	0.625008	0.767541
40	0	0	0	0	0	0	0.312504	0.997985	1.0465
41	0	0	0	0	0	0	0.156252	0.921739	0.686895
42	0	0	0	0	0	0	0.078126	0.976464	0.654866
43	0	0	0	0	0	0	0.039063	0.674456	0.34827
44	0	0	0	0	0	0	0	0.867662	0.619921
45	0	0	0	0	0	0	0	0.267576	0.535152
46	0	0	0	0	0	0	0	0.401364	0.588524
47	0	0	0	0	0	0	0	1.545993	0.652666
48	0	0	0	0	0	0	0	0.326333	0.754863
49	0	0	0	0	0	0	0	0.163167	0.777663
50	0	0	0	0	0	0	0	0.081583	0.702608
51	0	0	0	0	0	0	0	0.040792	1.672235
52	0	0	0	0	0	0	0	0	1.59852
53	0	0	0	0	0	0	0	0	0.424364
54	0	0	0	0	0	0	0	0	0.212182
55	0	0	0	0	0	0	0	0	0.106091
56	0	0	0	0	0	0	0	0	0.053046
57	0	0	0	0	0	0	0	0	0.026523
58	0	0	0	0	0	0	0	0	0.013261
59	0	0	0	0	0	0	0	0	0.006631
60	0	0	0	0	0	0	0	0	0.003315
61	0	0	0	0	0	0	0	0	0.001658
62	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0
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66	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0
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74	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0
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78	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0
81	0	0	0	0	0	0	0	0	0
82	0	0	0	0	0	0	0	0	0
83	0	0	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0	0	0

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86	0	0	0	0	0	0	0	0	0
87	0	0	0	0	0	0	0	0	0
88	0	0	0	0	0	0	0	0	0
89	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0	0
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92	0	0	0	0	0	0	0	0	0
93	0	0	0	0	0	0	0	0	0
94	0	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0	0
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107	0	0	0	0	0	0	0	0	0
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111	0	0	0	0	0	0	0	0	0
112	0	0	0	0	0	0	0	0	0
113	0	0	0	0	0	0	0	0	0
114	0	0	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0	0	0
116	0	0	0	0	0	0	0	0	0
117	0	0	0	0	0	0	0	0	0
118	0	0	0	0	0	0	0	0	0
119	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0
121	0	0	0	0	0	0	0	0	0
122	0	0	0	0	0	0	0	0	0
123	0	0	0	0	0	0	0	0	0
124	0	0	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0	0	0
126	0	0	0	0	0	0	0	0	0
127	0	0	0	0	0	0	0	0	0
128	0	0	0	0	0	0	0	0	0
129	0	0	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0	0	0
131	0	0	0	0	0	0	0	0	0

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136	0	0	0	0	0	0	0	0	0
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165	0	0	0	0	0	0	0	0	0
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168	0	0	0	0	0	0	0	0	0
169	0	0	0	0	0	0	0	0	0
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183	0	0	0	0	0	0	0	0	0
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230	0	0	0	0	0	0	0	0	0
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234	0	0	0	0	0	0	0	0	0
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237	0	0	0	0	0	0	0	0	0
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256	0	0	0	0	0	0	0	0	0
257	0	0	0	0	0	0	0	0	0
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267	0	0	0	0	0	0	0	0	0
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270	0	0	0	0	0	0	0	0	0
271	0	0	0	0	0	0	0	0	0
272	0	0	0	0	0	0	0	0	0

273	0	0	0	0	0	0	0	0	0
274	0	0	0	0	0	0	0	0	0
275	0	0	0	0	0	0	0	0	0
276	0	0	0	0	0	0	0	0	0
277	0	0	0	0	0	0	0	0	0
278	0	0	0	0	0	0	0	0	0
279	0	0	0	0	0	0	0	0	0
280	0	0	0	0	0	0	0	0	0
281	0	0	0	0	0	0	0	0	0
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284	0	0	0	0	0	0	0	0	0
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287	0	0	0	0	0	0	0	0	0
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294	0	0	0	0	0	0	0	0	0
295	0	0	0	0	0	0	0	0	0
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300	0	0	0	0	0	0	0	0	0
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318	0	0	0	0	0	0	0	0	0
319	0	0	0	0	0	0	0	0	0

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322	0	0	0	0	0	0	0	0	0
323	0	0	0	0	0	0	0	0	0
324	0	0	0	0	0	0	0	0	0
325	0	0	0	0	0	0	0	0	0
326	0	0	0	0	0	0	0	0	0
327	0	0	0	0	0	0	0	0	0
328	0	0	0	0	0	0	0	0	0
329	0	0	0	0	0	0	0	0	0
330	0	0	0	0	0	0	0	0	0
331	0	0	0	0	0	0	0	0	0
332	0	0	0	0	0	0	0	0	0
333	0	0	0	0	0	0	0	0	0
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335	0	0	0	0	0	0	0	0	0
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337	0	0	0	0	0	0	0	0	0
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343	0	0	0	0	0	0	0	0	0
344	0	0	0	0	0	0	0	0	0
345	0	0	0	0	0	0	0	0	0
346	0	0	0	0	0	0	0	0	0
347	0	0	0	0	0	0	0	0	0
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349	0	0	0	0	0	0	0	0	0
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351	0	0	0	0	0	0	0	0	0
352	0	0	0	0	0	0	0	0	0
353	0	0	0	0	0	0	0	0	0
354	0	0	0	0	0	0	0	0	0
355	0	0	0	0	0	0	0	0	0
356	0	0	0	0	0	0	0	0	0
357	0	0	0	0	0	0	0	0	0
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359	0	0	0	0	0	0	0	0	0
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362	0	0	0	0	0	0	0	0	0
363	0	0	0	0	0	0	0	0	0
364	0	0	0	0	0	0	0	0	0
365	0	0	0	0	0	0	0	0	0
366	0	0	0	0	0	0	0	0	0

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368	0	0	0	0	0	0	0	0	0
369	0	0	0	0	0	0	0	0	0
370	0	0	0	0	0	0	0	0	0
371	0	0	0	0	0	0	0	0	0
372	0	0	0	0	0	0	0	0	0
373	0	0	0	0	0	0	0	0	0
374	0	0	0	0	0	0	0	0	0
375	0	0	0	0	0	0	0	0	0
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380	0	0	0	0	0	0	0	0	0
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382	0	0	0	0	0	0	0	0	0
383	0	0	0	0	0	0	0	0	0
384	0	0	0	0	0	0	0	0	0
385	0	0	0	0	0	0	0	0	0
386	0	0	0	0	0	0	0	0	0
387	0	0	0	0	0	0	0	0	0
388	0	0	0	0	0	0	0	0	0
389	0	0	0	0	0	0	0	0	0.369781
390	0	0	0	0	0	0	0	0	1.010036
391	0	0	0	0	0	0	0	0	1.683866
392	0	0	0	0	0	0	0	0	0.439756
393	0	0	0	0	0	0	0	0	0.219878
394	0	0	0	0	0	0	0	0	0.109939
395	0	0	0	0	0	0	0	0	0.054969
396	0	0	0	0	0	0	0	0	0.331497
397	0	0	0	0	0	0	0	0	1.438343
398	0	0	0	0	0	0	0	0	1.59852
399	0	0	0	0	0	0	0	0	0.477582
400	0	0	0	0	0	0	0	0	0.238791
401	0	0	0	0	0	0	0	0	0.119396
402	0	0	0	0	0	0	0	0	0.059698
403	0	0	0	0	0	0	0	0	0.029849
404	0	0	0	0	0	0	0	0	0.014924
405	0	0	0	0	0	0	0	0	2.35587
406	0	0	0	0	0	0	0	0	0
407	0	0	0	0	0	0	0	0	0
408	0	0	0	0	0	0	0	0	0
409	0	0	0	0	0	0	0	0	0
410	0	0	0	0	0	0	0	0	0
411	0	0	0	0	0	0	0	0	0
412	0	0	0	0	0	0	0	0	0
413	0	0	0	0	0	0	0	0	0

414	0	0	0	0	0	0	0	0	0
415	0	0	0	0	0	0	0	0	0
416	0	0	0	0	0	0	0	0	0
417	0	0	0	0	0	0	0	0	0
418	0	0	0	0	0	0	0	0	0
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425	0	0	0	0	0	0	0	0	1.931288
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427	0	0	0	0	0	0	0	0	3.325907
428	0	0	0	0	0	0	0	0	0.487873
429	0	0	0	0	0	0	0	0	0.243937
430	0	0	0	0	0	0	0	0	0.549857
431	0	0	0	0	0	0	0	0	1.59852
432	0	0	0	0	0	0	0	0	0.914595
433	0	0	0	0	0	0	0	0	2.303733
434	0	0	0	0	0	0	0	0	1.527223
435	0	0	0	0	0	0	0	0	1.527223
436	0	0	0	0	0	0	0	0	0.419182
437	0	0	0	0	0	0	0	0	0.628774
438	0	0	0	0	0	0	0	0	1.282451
439	0	0	0	0	0	0	0	0	0.540633
440	0	0	0	0	0	0	0	0	0.270317
441	0	0	0	0	0	0	0	0	0.135158
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443	0	0	0	0	0	0	0	0	0.960508
444	0	0	0	0	0	0	0	0	0.633353
445	0	0	0	0	0	0	0	0	1.342559
446	0	0	0	0	0	0	0	0	0.663875
447	0	0	0	0	0	0	0	0	1.002605
448	0	0	0	0	0	0	0	0	1.157325
449	0	0	0	0	0	0	0	0	0.455312
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451	0	0	0	0	0	0	0	0	0
452	0	0	0	0	0	0	0	0	0
453	0	0	0	0	0	0	0	0	0.508753
454	0	0	0	0	0	0	0	0	2.257191
455	0	0	0	0	0	0	0	0	1.747213
456	0	0	0	0	0	0	0	0	0.974092
457	0	0	0	0	0	0	0	0	1.975105
458	0	0	0	0	0	0	0	0	1.393819
459	0	0	0	0	0	0	0	0	1.068799
460	0	0	0	0	0	0	0	0	1.250881

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462	0	0	0	0	0	0	0	0	0
463	0	0	0	0	0	0	0	0	0
464	0	0	0	0	0	0	0	0	1.4187
465	0	0	0	0	0	0	0	0	1.910933
466	0	0	0	0	0	0	0	0	1.931288
467	0	0	0	0	0	0	0	0	1.264131
468	0	0	0	0	0	0	0	0	0
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470	0	0	0	0	0	0	0	0	0.476468
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475	0	0	0	0	0	0	0	0	1.089297
476	0	0	0	0	0	0	0	1.128549	0.717635
477	0	0	0	0	0	0	0	0.358818	1.0411
478	0	0	0	0	0	0	0	0	1.33722
479	0	0	0	0	0	0	0	0	0.938708
480	0	0	0	0	0	0	0	1.162992	0.962742
481	0	0	0	0	0	0	0	1.900781	1.273194
482	0	0	0	0	0	0	0	0.582198	2.796867
483	0	0	0	0	0	0	0	0.629269	1.164396
484	0	0	0	0	0	0	0	1.828713	0.67634
485	0	0	0	0	0	0	0	0.33817	0.763274
486	0	0	0	0	0	0	0	0.550722	1.347965
487	0	0	0	0	0	0	0	1.601322	1.0411
488	0	0	0	0	0	0	0	1.496924	0.88876
489	0	0	0	0	0	0	0	1.212284	1.326734
490	0	0	0	0	0	0	2.213577	0.606142	1.347965
491	0	0	0	0	0	0	0	0.303071	0.636048
492	0	0	0	0	0	0	0	2.284455	0.151536
493	0	0	0	0	0	0	0	0	0
494	0	0	0	0	0	0	0	0	0
495	0	0	0	0	0	0	0	0	1.519081
496	0	0	0	0	0	0	0	0	0
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499	0	0	0	0	0	0	0	2.45677	0
500	0	0	0	0	0	0	0	1.376181	0.825565
501	0	0	0	0	0	0	0	0.412783	1.071669
502	0	0	0	0	0	0	0	0	1.287154
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504	0	0	0	0	0	0	0	0	0
505	0	0	0	0	0	0	0	1.096639	1.092306
506	0	0	0	0	0	0	0	0.546153	0.96279
507	0	0	0	0	0	0	0	2.03791	1.326734

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509	0	0	0	0	0	0	0	0	1.353439
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515	0	0	0	0	0	0	0	0	0.616879
516	0	0	0	0	0	0	0	0	1.007545
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520	0	0	0	0	0	0	0	0	0.107885
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561	0	0	0	0	0	0	0	0	0
562	0	0	0	0	0	0	0	0	0
563	0	0	0	0	0	0	0	0	0
564	0	0	0	0	0	0	0	0	0

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0.57237	0.386387	0.46887	0.39715	0.462194	0.355396	0.358353	0.414427	0.418024	0.504336
0.743659	0.630456	0.587059	0.473446	0.512889	0.360825	0.43839	0.430528	0.307404	0.273068
0.548084	0.436912	0.429337	0.58133	0.403274	0.504573	0.451914	0.665893	0.507821	0.425461
0.391202	0.336441	0.382447	0.537881	0.362282	0.314245	0.327367	0.39019	0.353073	0.392293
0.569604	0.421506	0.517125	0.732902	0.519169	0.428691	0.52996	0.509917	0.363246	0.401255
0.563216	0.205406	0.314883	0.359371	0.311392	0.384977	0.41004	0.522208	0.392371	0.601744
0.667102	0.457656	0.3692	0.401961	0.460119	0.369656	0.337804	0.3554	0.295192	0.402464
0.53093	0.398179	0.295308	0.445159	0.489379	0.430611	0.428516	0.410192	0.29612	0.377755
0.508	0.490387	0.408352	0.465674	0.330936	0.359734	0.416956	0.238003	0.333922	0.653567
0.601051	0.381183	0.393104	0.51611	0.402065	0.533672	0.465874	0.406594	0.433666	0.4261
0.760449	0.443496	0.272018	0.361019	0.414312	0.380381	0.313664	0.510675	0.466063	0.39526
0.615112	0.630456	0.546826	0.552171	0.579281	0.317694	0.422697	0.443333	0.334935	0.410406
0.797662	0.555657	0.55545	0.395359	0.538572	0.410551	0.548433	0.584073	0.523204	0.428664
0.813488	0.709711	0.587997	0.524848	0.411217	0.383823	0.460937	0.47152	0.43303	0.493004
0.848729	0.514705	0.80203	0.585001	0.563236	0.541884	0.475919	0.378281	0.480723	0.39407
0.968777	0.641827	0.568716	0.384188	0.645882	0.53286	0.592642	0.528487	0.603848	0.609475
1.020091	0.745429	0.824096	0.501418	0.591248	0.469514	0.429167	0.4757	0.568555	0.531172
1.268794	0.553088	0.736535	0.47416	0.376279	0.500786	0.704705	0.524552	0.567687	0.4261
1.145514	0.685884	0.915543	0.763773	0.557153	0.632841	0.51303	0.522988	0.481433	0.479785
1.268794	0.623372	0.788415	0.879445	0.754791	0.788509	0.449859	0.592236	0.42986	0.552875
1.390009	0.85187	0.633483	0.706512	0.589386	0.698951	0.487692	0.514485	0.502563	0.43449
1.462626	1.133562	1.069648	0.605766	0.500596	0.676908	0.481766	0.509917	0.432394	0.574818
1.567806	0.800649	1.028928	0.516897	0.481333	0.607049	0.655919	0.849446	0.387761	0.470482
1.255213	0.774288	0.840574	0.71389	0.532823	0.598466	0.724833	0.909724	0.565092	0.675707
1.035939	0.836843	0.607191	0.829747	0.828759	0.892081	0.546721	0.748044	0.416184	0.588537
0.418421	1.243971	0.66036	0.718879	0.898597	0.918884	0.484719	0.44725	0.510094	0.578434
0.745708	1.156927	1.150769	0.736807	0.532823	0.683749	0.447813	0.433694	0.458577	0.64714
1.26422	1.072994	0.929744	0.761	0.652281	0.800371	0.802144	0.541323	0.538341	0.541054
1.448487	0.727203	1.034142	0.815413	0.732262	0.689533	0.614055	0.609989	0.78198	0.624353
0.359184	0.718369	0.817676	0.883091	0.848557	0.756107	0.510665	0.627505	0.619199	0.763514
0.538776	1.661365	0.737858	0.868686	0.568519	0.612867	0.657019	0.757317	0.584488	0.745808
1.402341	1.045609	0.80357	0.695675	0.496825	0.555353	0.525869	0.552875	0.443329	0.545239
1.492363	0.695258	0.593666	0.593376	0.551154	0.697762	0.70717	0.645757	0.598228	0.489291
0.347629	0.767241	0.756826	0.649466	0.593119	0.702536	0.717175	0.803914	0.887615	0.560647
0.173815	0.915814	1.087068	0.925364	0.765812	0.607049	0.58511	0.709204	0.629077	0.565026
0.086907	2.508219	0.749956	0.983586	0.530382	0.686053	0.481766	0.649919	0.772147	0.61241
0.043454	1.683849	0.667065	0.548767	0.396664	0.749372	0.5275	0.628499	0.673208	0.69784
0.021727	1.022357	0.628302	0.624536	0.594998	0.826707	0.842418	0.716455	0.570297	0.62234
0.010863	1.23567	0.953042	0.841233	0.664261	0.618763	0.678468	0.830023	0.754456	0.567675
0.005432	1.102223	0.881027	0.94815	0.867534	0.733622	0.557973	1.005039	0.817491	0.674573
0.002716	1.404343	0.808221	1.248755	0.950868	0.926856	0.69378	0.883883	0.738742	0.888268
0	1.555005	1.114584	1.133702	0.885536	0.849664	0.677313	0.66481	0.554025	0.679128
0	0.557292	1.254943	1.093259	0.841857	0.94745	0.844109	0.633504	0.675426	0.558041
0	0.278646	1.49278	0.821725	0.809824	0.684899	0.712144	0.814475	1.239164	0.645018
0	0.139323	0.828974	0.755506	0.917964	0.76433	0.623129	0.623551	0.722336	0.580254
0	0	0.90373	0.809191	0.778553	0.851351	0.766705	0.727564	0.690123	0.373204
0	0	0.404595	1.34865	0.828759	0.762948	0.775298	0.750673	0.962584	0.660092

0	0	0.630528	1.007298	0.658774	0.697762	0.890568	0.498701	0.672103	0.700237
0	0	1.532217	0.856461	0.582013	0.503813	0.752752	0.559617	0.616279	0.545239
0	0	0.800496	0.828131	0.698721	0.48669	0.857882	0.693896	0.814418	0.711189
0	0	0.565139	0.588703	0.492342	0.588201	0.776746	0.615749	0.960436	0.675707
0	0	1.127396	0.586848	0.606446	0.633865	0.658122	0.704436	0.875113	0.807361
0	0	0.293424	0.772201	0.793164	0.907194	0.622111	0.535661	0.796425	0.834324
0	0	0.532812	0.773622	0.651208	0.64951	0.723548	0.659433	0.808337	0.582997
0	0	1.058411	0.818558	0.585684	0.59377	1.024218	0.665893	0.849476	0.679128
0	0	2.119663	0.809191	0.914021	0.698951	0.850941	0.553712	0.581792	0.56945
0	0	0.404595	1.266095	1.147431	0.881082	0.625171	0.493564	0.580003	0.613393
0	0	0.202298	1.974905	1.178769	0.918884	0.586044	0.524552	0.550676	0.839261
0	0	0.101149	1.266095	0.889228	0.676908	0.859635	0.819082	0.685547	0.769111
0	0	0.050574	1.040196	0.816044	0.866837	0.754128	0.556233	0.693586	0.756618
0	0	0	0.670271	0.925959	0.809485	0.588859	0.537271	0.750474	0.55202
0	0	0	0.335135	1.354355	0.64845	0.51224	0.591321	0.552347	0.575719
0	0	0	0.167568	0.991134	0.846309	0.667047	0.74413	0.42797	0.658997
0	0	0	0.083784	0.662058	0.738809	0.946871	0.77788	0.384904	0.589467
0	0	0	0.041892	0.843522	0.5728	0.877563	0.731331	0.595445	0.708732
0	0	0	0.020946	0.781436	0.693041	0.728714	0.806905	0.600093	0.620335
0	0	0	0.010473	0.894825	0.734913	0.543317	0.677993	0.660135	0.638715
0	0	0	0.005236	1.124531	0.778389	0.571329	0.66481	0.687829	0.767705
0	0	0	0.002618	0.853651	0.841325	0.859635	1.288978	0.682147	0.9585
0	0	0	0	1.653873	1.106056	0.537422	0.945381	0.667713	0.807361
0	0	0	0	0.474782	1.10002	0.620083	1.136854	0.71254	0.740502
0	0	0	0	0.237391	0.949564	0.598378	0.943321	0.909922	0.895743
0	0	0	0	0.118696	0.682601	0.514614	0.687009	0.753124	0.920966
0	0	0	0	0.059348	1.085289	0.900101	0.856119	0.586295	0.807361
0	0	0	0	0.533919	1.00849	0.773854	0.799465	0.694747	0.793736
0	0	0	0	1.911048	1.182257	0.689011	0.715238	0.692429	0.880919
0	0	0	0	0.413354	0.826707	0.589802	0.626513	0.762531	0.696647
0	0	0	0	0.620031	1.033468	0.618065	0.568194	0.736177	0.769111
0	0	0	0	1.200993	1.392387	0.902033	0.628499	0.705335	0.85786
0	0	0	0	0.573736	1.147473	0.884946	0.688149	0.659063	0.84092
0	0	0	0	0.286868	1.332139	0.597417	0.834798	0.85955	0.613393
0	0	0	0	0.143434	0.94745	0.539098	0.703252	0.852808	0.64714
0	0	0	0	0.071717	1.599147	1.118392	0.690439	0.765257	0.671188
0	0	0	0	0	1.562874	0.857882	0.883883	1.134731	0.941417
0	0	0	0	0	0.428941	1.370413	0.885679	0.803832	0.748485
0	0	0	0	0	0.214471	1.967717	0.871517	0.629077	0.527928
0	0	0	0	0	0.107235	1.405992	0.731331	0.743917	0.588537
0	0	0	0	0	0.632829	1.158423	0.578715	0.653743	0.559777
0	0	0	0	0	1.770909	1.202522	0.69972	0.729831	0.546081
0	0	0	0	0	0	1.2473	0.857803	0.82842	0.628408
0	0	0	0	0	0	0.844706	1.275525	0.889431	0.891989
0	0	0	0	0	0	1.534488	0.831609	0.969093	1.278677
0	0	0	0	0	0	1.771668	0.762706	0.904237	0.960684
0	0	0	0	0	0	1.093618	0.660503	0.590846	0.703857

0	0	0	0	0	0	0.892458	0.751994	0.808337	0.634563
0	0	0	0	0	0.446229	1.412216	0.979737	0.904237	0.779082
0	0	0	0	0	1.257171	1.226372	0.856119	0.889431	1.037072
0	0	0	0	0	1.55426	1.348217	0.91163	0.55571	0.717395
0	0	0	0	0	1.815233	0.773854	0.875014	0.487881	0.573021
0	0	0	0	0	1.659958	0.609095	0.889292	0.61531	0.763514
0	0	0	0	0	1.030904	0.708409	0.720127	0.789142	0.653567
0	0	0	0	0	1.398302	0.808342	0.758658	0.81289	0.759364
0	0	0	0	0	0.404171	1.30207	0.85277	0.682147	0.842584
0	0	0	0	0	0.202085	1.08468	0.9372	0.749154	0.999588
0	0	0	0	0	0.53086	1.278404	0.975291	0.74522	0.819841
0	0	0	0	0	0.907194	0.859635	0.945381	0.856166	0.727513
0	0	0	0	0	1.521418	0.847512	1.074218	0.641235	0.839261
0	0	0	0	0	0.423756	0.890568	0.838011	0.651633	1.050322
0	0	0	0	0	0.657162	1.096638	0.631495	0.70296	0.943516
0	0	0	0	0	1.513582	1.273822	0.995667	0.947766	0.745808
0	0	0	0	0	1.44877	0.911825	0.708007	1.055913	0.74983
0	0	0	0	0	0.897457	1.073042	0.796524	0.765257	0.801252
0	0	0	0	0	2.310784	0.883089	1.091212	0.869863	0.777644
0	0	0	0	0	0.441544	1.144665	0.87854	1.022524	0.893862
0	0	0	0	0	0.220772	1.187319	1.052548	0.958298	0.75389
0	0	0	0	0	0.110386	1.202522	0.892936	0.935455	0.64714
0	0	0	0	0	0.055193	1.093618	0.846148	0.98467	0.722425
0	0	0	0	0	0.564118	1.073042	0.662651	0.891254	1.004403
0	0	0	0	0	2.08738	1.321977	0.793603	0.769378	0.816687
0	0	0	0	0	0.74274	0.841448	0.889292	0.825269	0.631474
0	0	0	0	0	0.74274	1.534488	0.589498	0.862961	0.515972
0	0	0	0	0	1.490886	0.811474	0.687009	1.045363	0.695457
0	0	0	0	0	2.117509	1.045243	0.8253	0.657994	0.793736
0	0	0	0	0	1.363962	1.27955	1.195139	0.731093	0.608501
0	0	0	0	0	1.571662	1.681348	0.803914	0.716187	0.56679
0	0	0	0	0	1.670976	0.923874	0.793603	0.750474	0.655731
0	0	0	0	0	0.403392	0.806784	0.9372	1.273018	1.239525
0	0	0	0	0	0.605088	1.364757	0.896611	1.020059	1.192272
0	0	0	0	0	1.920308	1.151489	0.797992	0.667713	0.819841
0	0	0	0	0	0.797745	0.844109	0.683606	0.623124	0.608501
0	0	0	0	0	1.545814	0.751381	0.773688	0.663367	0.664496
0	0	0	0	0	1.220072	0.759673	0.779286	0.695911	1.011727
0	0	0	0	0	0.884382	1.090618	1.049913	0.625099	1.001989
0	0	0	0	0	1.24029	1.009091	1.1532	0.630077	0.767705
0	0	0	0	0	1.608709	0.854398	1.118017	0.688974	0.774781
0	0	0	0	0	1.15421	0.769551	0.880314	1.017608	0.736564
0	0	0	0	0	0.384775	0.91381	0.846148	0.729831	0.728795
0	0	0	0	0	0.649293	1.011576	1.047295	0.61725	0.682576
0	0	0	0	0	1.051848	0.959948	1.047295	0.731093	1.086791
0	0	0	0	0	1.537529	1.292448	1.114956	0.776334	0.821427
0	0	0	0	0	1.010924	0.999292	0.964371	1.207759	0.779082

0	0	0	0	0	2.032748	1.518184	0.657301	0.692429	0.700237
0	0	0	0	0	1.353093	1.172631	0.594991	0.649534	0.687216
0	0	0	0	0	1.076684	1.124813	0.502407	0.446599	0.684889
0	0	0	0	0	1.150828	1.134625	0.689292	0.515444	0.49375
0	0	0	0	0	1.04125	1.13133	1.049913	0.830004	0.844255
0	0	0	0	0	1.244449	1.115217	0.696216	1.227119	0.802771
0	0	0	0	0	0.839676	1.518184	0.732594	0.906124	0.55545
0	0	0	0	0	0.958125	1.210327	0.563884	0.672103	0.751179
0	0	0	0	0	1.490886	0.996876	0.662651	0.677655	0.736564
0	0	0	0	0	1.44877	0.892458	0.674659	0.639185	0.849307
0	0	0	0	0	0.977083	1.061708	0.599623	0.61531	0.649272
0	0	0	0	0	1.216139	1.158423	0.496492	0.77076	0.625363
0	0	0	0	0	1.363962	1.050663	0.404807	0.664449	0.628408
0	0	0	0	0	0.461937	1.001721	0.812951	0.884006	0.863074
0	0	0	0	0	0.962798	0.923874	0.925211	1.115938	0.9585
0	0	0	0	1.612755	1.785187	1.730641	0.773688	1.339466	1.188557
0	0	0	0	0.493588	1.416547	2.129626	0.666979	0.762531	1.044973
0	0	0	0	0.246794	0.987176	1.238808	0.828443	0.694747	0.866585
0	0	0	0	0	1.41038	0.936267	1.000328	1.015171	1.21134
0	0	0	0	0	0.773336	0.83076	0.8253	0.839631	1.104715
0	0	0	0	0	1.422803	0.715912	0.768162	0.716187	0.918973
0	0	0	0	0	0.980297	0.56238	0.631495	0.692429	0.882745
0	0	0	0	0	0.973526	0.82101	0.764063	0.856166	0.9585
0	0	0	0	0	1.638727	0.726123	0.904056	1.045363	1.243705
0	0	0	0	0	0.686393	0.703477	0.718899	0.823702	0.901435
0	0	0	0	0	1.961859	0.669308	0.652015	0.797896	0.709959
0	0	0	0	0	0.687006	0.704705	0.704436	0.622139	0.815119
0	0	0	0	0	1.984228	2.334794	1.566258	1.012747	1.055737
0	0	0	0	0	2.977847	1.479916	1.480459	0.800854	1.287878
0	0	0	0	0	2.149886	1.458475	0.69972	0.736177	0.844255
0	0	0	0	0	0.500861	1.045243	0.565603	0.510854	0.793736
0	0	0	0	0	0.25043	1.001721	0.830023	0.544876	0.839261
0	0	0	0	0	0.125215	0.917808	1.065965	0.893085	1.477188
0	0	0	0	0	0.521511	1.05615	0.783532	0.977925	1.009272
0	0	0	0	0	1.49832	1.33753	0.762706	0.776334	0.875488
0	0	0	0	0	1.718074	0.845807	0.869779	0.629077	0.74983
0	0	0	0	0	1.513582	1.016589	1.042105	0.754456	0.929031
0	0	0	0	0	0.428941	0.857882	0.905937	0.927438	1.326767
0	0	0	0	0	0.214471	1.717783	0.803914	0.964743	1.011727
0	0	0	0	0	0.107235	1.004164	0.808409	0.973487	0.807361
0	0	0	0	0	0.053618	0.762472	0.629495	0.684411	0.545239
0	0	0	0	0	0.026809	0.946871	0.691588	0.857855	0.711189
0	0	0	0	0	0.013404	1.112065	1.17717	1.122113	0.784884
0	0	0	0	0	0	1.255962	1.217732	0.996149	0.654648
0	0	0	0	0	0	0.457734	0.915467	0.851139	0.689554
0	0	0	0	0	0	0.228867	0.962219	1.030005	0.564147
0	0	0	0	0	0	0.114433	0.931164	1.037616	0.670066

0	0	0	0	0	0	0.057217	1.136854	0.583588	0.55545
0	0	0	0	0	0	0.028608	1.487595	0.628079	0.541888
0	0	0	0	0	0	0.014304	0.869779	0.754456	0.599832
0	0	0	0	0	0	0.442042	1.017046	0.906124	0.558908
0	0	0	0	0	0	1.786253	0.921287	0.851139	0.802771
0	0	0	0	0	0	0.929244	0.9372	0.790589	0.945625
0	0	0	0	0	0	1.74389	1.357933	0.869863	0.978558
0	0	0	0	0	0	0.562103	1.49485	0.763892	0.667829
0	0	0	0	0	0	0.281051	1.124206	1.027497	0.74983
0	0	0	0	0	0	0	1.140074	0.822141	0.931071
0	0	0	0	0	0	0	0.770599	0.811367	0.999588
0	0	0	0	0	0	0	1.363304	0.729831	0.839261
0	0	0	0	0	0	0	1.439942	0.586295	0.787815
0	0	0	0	0	0	0	1.298183	0.577334	0.842584
0	0	0	0	0	0	0	1.959566	0.862961	0.834324
0	0	0	0	0	0	0	2.252984	0.776334	0.655731
0	0	0	0	0	0	0	1.262477	0.692429	0.693086
0	0	0	0	0	0	0	2.297068	0.871606	0.9972
0	0	0	0	0	0	0	0.383313	0.766626	0.978558
0	0	0	0	0	0	0	0.191657	0.817491	0.842584
0	0	0	0	0	0	0	0.095828	1.027497	0.705071
0	0	0	0	0	0	0	0.464509	1.100876	0.832691
0	0	0	0	0	0	0	3.712041	0.833189	1.199799
0	0	0	0	0	0	0	0.416595	0.836398	1.456136
0	0	0	0	0	0	0	1.771968	1.351465	1.256492
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0	0	0	0	0	0	0	0.401916	1.388266	1.047639
0	0	0	0	0	0	0	0.200958	0.803832	1.19602
0	0	0	0	0	0	0	0	1.003185	1.369484
0	0	0	0	0	0	0	0	0.435062	1.223196
0	0	0	0	0	0	0	0	0.652593	0.870124
0	0	0	0	0	0	0	0	1.164539	0.91109
0	0	0	0	0	0	0	0	0.774934	0.915014
0	0	0	0	0	0	0	0	1.443251	1.21134
0	0	0	0	0	0	0	0	1.06947	0.92498
0	0	0	0	0	0	0	0	1.112884	0.609475
0	0	0	0	0	0	0	0	0.833189	0.642907
0	0	0	0	0	0	0	0	0.793497	1.142948
0	0	0	0	0	0	0	0	1.477103	0.842584
0	0	0	0	0	0	0	0.464714	1.506222	0.905271
0	0	0	0	0	0	0	1.959566	0.929428	0.965084
0	0	0	0	0	0	0	1.611671	0.747839	0.947744
0	0	0	0	0	0	0	1.631255	0.7349	1.199799
0	0	0	0	0	0	0	0	1.028928	1.0724
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0	0	0	0	0	0	0	0	1.066725	1.19602
0	0	0	0	0	0	0	0	1.047977	1.386652

0	0	0	0	0	0	0	0	1.463244	1.442648
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0	0	0	0	0	0	0	0.322682	1.058591	1.630859
0	0	0	0	0	0	0	1.574969	0.645365	0.83761
0	0	0	0	0	0	0	0.871517	0.580003	0.909142
0	0	0	0	0	0	0	1.237501	1.780391	2.13112
0	0	0	0	0	0	0	0	1.578103	1.564498
0	0	0	0	0	0	0	0	1.739875	1.591707
0	0	0	0	0	0	0	1.391203	0.851139	0.980845
0	0	0	0	0	0	0	1.352628	0.654802	1.429565
0	0	0	0	0	0	0	0	1.247383	1.491812
0	0	0	0	0	0	0	0	0.623692	1.269666
0	0	0	0	0	0	0	0	0.311846	1.530684
0	0	0	0	0	0	0	0	1.012395	1.053021
0	0	0	0	0	0	0	2.176326	1.382565	0.971769
0	0	0	0	0	0	0	0	1.223178	3.112097
0	0	0	0	0	0	0	0	1.193858	1.442648
0	0	0	0	0	0	0	0	1.164539	1.463041
0	0	0	0	0	0	0	1.433542	0.803832	0.913048
0	0	0	0	0	0	0	0.386769	0.773538	0.877291
0	0	0	0	0	0	0	0.193384	1.243254	1.215256
0	0	0	0	0	0	0	0.689498	1.185611	1.358405
0	0	0	0	0	0	0	2.081953	1.314551	1.066774
0	0	0	0	0	0	0	1.149881	1.411849	0.907202
0	0	0	0	0	0	0	0	1.271962	1.761296
0	0	0	0	0	0	0	0	1.394042	1.630859
0	0	0	0	0	0	0	0	1.050606	1.721667
0	0	0	0	0	0	0	0.525303	1.360481	1.227221
0	0	0	0	0	0	0	1.525148	1.794783	0.815119
0	0	0	0	0	0	0	1.085473	0.935455	0.913048
0	0	0	0	0	0	0	1.684465	1.017608	1.436057
0	0	0	0	0	0	0	1.602201	1.506222	1.092684
0	0	0	0	0	0	0	1.163311	0.964743	0.886419
0	0	0	0	0	0	0	1.009802	1.28191	0.903349
0	0	0	0	0	0	0	0.504901	1.545601	0.868351
0	0	0	0	0	0	0	0	1.189225	0.93518
0	0	0	0	0	0	0	0	0.958012	0.980845
0	0	0	0	0	0	0	0	2.597001	1.016679
0	0	0	0	0	0	0	1.557719	1.203989	1.021688
0	0	0	0	0	0	0	1.502229	1.103847	1.227221
0	0	0	0	0	0	0	1.225532	1.668675	1.256492
0	0	0	0	0	0	0	2.081953	1.931188	0.992464
0	0	0	0	0	0	0	1.29936	1.061285	2.20132
0	0	0	0	0	0	2.62138	0.530643	1.537434	3.656165
0	0	0	0	0	0	0	1.005551	1.508946	1.586526
0	0	0	0	0	0	0	1.480459	1.766462	1.662729
0	0	0	0	0	0	1.393806	0.823737	0.996149	1.054581

0	0	0	0	0	0	0.956035	1.088333	0.654802	1.247925
0	0	0	0	0	0	1.243033	1.187862	0.491505	0.999588
0	0	0	0	0	0	1.081741	1.068698	0.830004	1.03969
0	0	0	0	0	0	1.068698	2.176326	0.891254	1.031883
0	0	0	0	0	0	1.494821	1.068698	0.956171	0.875488
0	0	0	0	0	0	0.390348	0.780697	0.731093	0.688383
0	0	0	0	0	0	0.585522	1.206289	0.977925	1.055737
0	0	0	0	0	0	2.454864	1.005039	0.902358	1.192272
0	0	0	0	0	1.693887	1.399856	0.857803	1.157736	1.136337
0	0	0	0	0	0.360494	0.720987	0.828443	1.144441	0.990116
0	0	0	0	0	0.180247	1.090618	0.74154	0.651633	0.807361
0	0	0	0	0	0.090123	1.283035	0.9372	0.582689	0.886419
0	0	0	0	0	0.475759	1.30207	0.892936	0.684411	0.832691
0	0	0	0	0	1.705812	0.861395	1.258214	0.989225	0.849307
0	0	0	0	0.407835	1.3695	0.537422	0.951619	0.841256	0.490773
0	0	0	0	3.151753	0.815669	0.535753	0.63755	0.761175	0.479785
0	0	0	0	1.365312	0.920863	0.755507	0.566465	0.74003	0.512838
0	0	0	0	1.549015	0.778389	0.690198	0.687009	0.677655	0.52712
0	0	0	0	2.24697	0.563118	0.932096	0.94745	0.672103	0.801252
0	0	0	0	1.144085	0.846309	0.934176	0.880314	0.707723	0.582997
0	0	0	0	2.627519	0.934977	0.67616	0.605246	0.574682	0.457233
0	0	0	0	1.284543	0.953824	0.890568	0.558769	0.472285	0.491515
0	0	0	0	0.900495	0.68721	0.863162	0.66916	0.654802	0.54356
0	0	0	0.411177	0.822355	0.624741	1.011576	0.512195	0.690123	0.55459
0	0	0	1.261694	1.020214	0.708578	0.834059	0.702071	0.679895	0.39526
0	0	0	0.510107	1.376552	0.978028	0.7782	0.700894	0.677655	0.454495
0	0	0	0.67849	1.130951	1.006069	0.603216	0.595914	0.826842	0.59888
0	0	0	1.676143	0.846872	0.807953	0.663679	0.544593	0.700597	0.585758
0	0	2.088849	0.800022	0.784339	0.574584	0.727416	0.527697	0.478598	0.638715
0	0	0.400011	1.516267	0.646942	0.673527	0.478833	0.49944	0.401149	0.899529
0	0	0.200005	1.471455	0.782885	0.951689	0.665922	0.45989	0.40352	0.781973
0	0	0.100003	1.164085	0.745372	0.951689	0.75828	0.623551	0.602906	0.913048
0	0	0.48258	0.865158	0.894825	0.791444	0.723548	0.769537	0.633092	0.83761
0	0	2.152832	0.941816	0.680003	0.738809	0.750015	0.536465	0.531904	0.739185
0	0	0.470908	1.061754	0.756153	0.529624	0.875736	0.466008	0.567687	0.651414
0	0	0.235454	1.20436	0.831996	0.826707	0.615054	0.516788	0.497368	0.418496
0	0	0.55207	0.969957	0.85708	0.803388	0.55535	0.566465	0.529514	0.508953
0	0	1.22139	0.868686	0.883702	0.707363	0.881239	0.696216	0.904237	0.655731
0	0	1.456628	1.004868	0.624203	0.859886	0.890568	0.559617	0.786263	0.56945
0	0	1.689721	0.995281	0.793164	0.863348	0.719713	0.502407	0.567687	0.614378
0	0	0.943812	0.892344	1.099757	0.7685	1.112065	0.921287	0.639185	0.59888
0	0	1.296074	1.240338	0.845194	0.64951	0.837383	0.735131	0.885807	0.683731
0	0	1.767481	1.084437	0.592183	0.72343	0.519402	0.697381	0.792041	0.582081
0	0	1.532217	0.87046	0.557153	0.704943	0.647217	0.711607	0.582689	0.546924
0	0	0.816086	0.901798	0.690432	0.994165	0.898178	0.799465	0.698248	0.875488
0	0	0.955223	0.743393	0.788729	1.144143	0.809905	0.693896	0.705335	0.786347
0	0	0.775213	0.812291	0.833624	0.872124	0.750015	0.757317	0.779148	1.219208

0	0	1.066811	0.66249	1.127729	0.776963	0.832406	0.913544	0.91762	0.890124
0	0	1.463621	0.767967	1.090819	1.244449	0.95336	0.885679	1.055913	0.437105
0	0	0.876933	0.9859	1.224414	1.200753	0.900101	0.666979	0.708922	0.571232
0	0	1.49278	1.117698	0.925959	0.94745	1.260359	0.966533	0.774934	0.994826
0	0.492312	0.984624	1.087358	0.768611	0.918884	0.909849	0.873262	0.700597	0.657906
0	2.124684	1.016161	1.024702	0.736153	0.719669	0.856137	0.913544	0.721099	0.396452
0	0	0.99418	0.967726	0.761646	0.804904	0.603216	0.751994	0.792041	0.40856
0	0	1.346867	0.972199	0.636459	0.899572	0.714652	0.826869	1.125233	0.854419
0	2.038345	1.229538	0.937644	0.590316	1.049174	0.56238	0.811432	0.672103	0.815119
0.836231	1.672461	1.436298	0.620516	0.573866	0.749372	0.69498	0.712814	0.578222	0.731369
2.115551	2.43733	1.087068	0.773622	0.665367	0.637982	0.597417	0.726316	0.468817	0.662288
0.555695	1.506375	0.888464	1.009742	0.761646	0.854745	0.504419	0.517558	0.623124	0.59509
0.277847	1.111389	0.806665	0.69806	0.551154	0.641096	0.488439	0.684737	0.685547	0.437761
0.521151	0.898451	0.838898	0.487943	0.516018	0.650574	0.659228	0.711607	0.575564	0.565026
1.225083	0.764454	0.882874	0.600959	0.568519	0.603214	0.788513	0.672451	0.502563	0.842584
0.780298	1.185267	0.672733	0.628593	0.667586	0.621742	0.584177	0.538888	0.414962	0.755252
2.268978	0.796143	0.637673	0.67252	0.656599	0.737506	0.720987	0.610944	0.61531	0.701441
1.383972	0.662198	0.833908	0.554743	0.934104	0.748038	0.759673	0.737683	0.765257	0.662288
0.918763	0.637658	0.756826	0.566948	0.698721	0.541056	0.723548	0.645757	0.81289	0.557176
0.941966	0.655661	0.707153	0.72775	0.70474	0.583615	0.849223	0.539698	0.686687	0.795229
1.567806	0.651358	0.713374	0.658105	0.696337	0.640055	0.67272	0.658366	0.705335	0.703857
0.859346	0.631477	0.717149	0.564303	0.714547	0.560514	0.861395	0.846148	0.825269	0.763514
0.803923	0.803679	0.66594	0.4999	0.75752	0.428691	0.589802	0.726316	0.718636	0.920966
0.739561	0.933901	0.717149	0.587775	0.725852	0.480169	0.648295	0.626513	0.779148	0.731369
1.469872	0.654581	0.890343	0.832998	0.850248	0.672406	0.811474	0.629495	0.902358	0.639759
1.200824	0.701222	1.011158	0.782245	0.908172	0.64845	0.805232	0.757317	0.819035	0.687216
0.879512	0.559106	0.667065	0.682787	0.820769	0.620747	1.222305	0.779286	0.933437	0.793736
0.667102	0.881755	0.650491	0.587775	0.543561	0.601308	0.834059	0.573423	1.000827	0.888268
0.608024	0.836843	0.812923	0.617526	0.554572	0.643184	0.551878	0.454523	0.722336	0.856136
0.98283	0.71962	0.859452	0.754143	0.822355	0.704943	0.589802	0.723829	0.841256	0.721162
0.617158	0.812899	1.008678	0.738116	0.944506	0.765715	0.722266	0.653067	0.776334	0.623345
0.955165	0.828714	0.591768	0.541202	0.689261	0.546886	0.936267	0.602425	0.777738	0.576622
1.041353	0.863927	0.612125	0.517686	0.705954	0.406891	0.850941	0.691588	0.834791	0.536085
1.719684	0.708488	0.884729	0.68977	0.55286	0.592837	0.616055	0.675767	0.789142	0.57034
1.469872	0.812899	1.250604	0.752785	0.705954	0.582703	0.658122	0.66481	0.611456	0.596034
2.85656	0.860448	0.948712	0.716377	0.730972	0.635918	1.042559	0.644723	0.539153	0.480509
1.237741	0.691719	1.186504	0.657016	0.488641	0.524816	1.124813	0.599623	0.805328	0.736564
1.233481	0.764454	1.069648	1.078654	0.733555	0.46463	0.741904	0.508404	0.908019	0.779082
0.007462	0.385958	1.246309	1.485884	1.161081	0.839676	0.662562	0.50916	0.61531	0.55545
0	0.19671	1.190005	1.133702	1.930991	1.109105	0.797553	0.702071	0.864676	0.459299
0	1.683849	1.844962	0.911462	1.412131	2.149886	1.801345	0.74413	0.679895	0.634563
0	1.005095	1.566566	0.773622	1.056802	1.337283	1.458475	1.039533	0.786263	0.927001
0	1.380747	1.205538	0.851325	1.240762	0.899572	1.472651	0.77788	1.137944	0.886419
0	0.499448	0.998896	0.89989	1.222655	1.204549	1.202522	0.986493	0.989225	1.156478
0	0	1.49278	1.575159	1.249172	1.252889	0.778437	0.987859	1.040183	0.915014
0	0	1.166861	1.216025	1.365312	0.570382	0.67441	1.014021	1.189225	0.962878
0	1.639988	1.191443	1.117698	1.140764	1.05284	0.902417	1.111916	1.463244	2.726746

0	1.600153	1.398289	1.160602	0.984159	1.121521	2.454864	0.751994	1.172695	1.31797
0	1.143031	1.310698	1.064525	1.20866	0.893942	1.717783	1.233475	1.521548	1.186247
0	3.044654	0.975364	1.064525	1.105819	1.164517	1.283035	1.029395	1.128376	1.199799
1.855849	1.802525	0.882874	0.909512	1.603056	1.293039	1.08468	1.284447	1.668675	1.086791
1.307236	0.900346	1.194018	0.919351	1.388091	1.076684	0.971154	0.770917	0.93952	0.965084
0.965469	2.124684	2.00769	1.087358	1.059537	0.781257	1.016589	0.522208	0.737457	1.610842
1.030592	1.170866	0.91157	1.284155	1.030357	0.670173	0.938367	1.014618	0.780561	0.945625
1.099563	0.988494	0.847344	0.965507	0.79168	1.216139	1.370413	1.082632	0.862961	0.565907
1.044028	2.093957	1.023776	0.969957	0.917964	1.046575	1.578146	1.074218	0.831594	0.819841
1.142066	1.732642	1.087068	0.668033	0.874645	1.161054	0.932096	1.042105	0.854484	1.029312
1.549872	1.072994	0.680795	0.813849	1.082062	0.704943	0.744591	0.66916	1.134731	1.129826
0.833274	1.243971	0.641904	1.20054	0.932054	0.971292	0.710895	0.760003	1.20025	0.913048
0.885178	1.167339	0.493837	0.872243	0.878245	1.248649	0.628253	1.07145	0.805328	0.609475
1.220945	0.957081	0.769472	0.683943	0.560619	1.134303	0.837383	1.077005	0.647444	0.810447
0.975747	0.825505	0.748595	0.750081	0.479886	0.882896	0.921842	0.856119	0.893085	0.721162
1.112203	1.000287	0.686647	0.851325	0.693965	0.913	0.863162	0.656238	0.949852	0.83761
1.516084	1.078685	0.703464	1.174703	0.891085	1.051848	0.702253	0.690439	0.878648	0.931071
0.855778	1.02997	0.617116	0.929419	0.729686	0.881082	0.54247	0.866323	0.849476	0.592269
0.973411	1.017355	0.691386	0.976718	0.566751	0.903366	0.535753	0.997991	0.797896	0.821427
1.524288	0.972503	0.651577	0.789563	0.520753	0.791444	0.739233	0.828443	0.652687	0.941417
0.857558	0.778572	0.544272	0.699258	0.709616	0.914952	0.787025	0.555391	0.416184	0.787815
1.030592	0.712167	0.794413	0.87046	0.685766	0.801877	0.678468	0.607137	0.526348	0.83761
0.838365	0.862184	0.798967	0.723926	0.651208	0.678041	0.638686	0.889292	0.78198	0.811999
1.13525	0.660008	0.907633	0.939725	0.55975	1.097034	0.687827	0.802426	0.803832	0.877291
1.434795	0.761684	0.698592	0.673649	0.406312	0.924849	0.754128	0.839626	0.516985	0.877291
1.121931	1.114488	0.671594	0.56872	0.51996	0.807953	0.752752	1.024413	0.472982	0.861329
1.081267	0.850174	1.008678	0.828131	0.676581	0.724691	0.571329	0.671351	0.469509	0.751179
0.834965	0.87275	1.666615	1.405726	0.889228	0.570138	0.647217	0.594991	0.515444	0.582997
1.242044	0.7134	1.028928	1.0122	0.602596	0.439688	0.718442	0.586777	0.665534	0.56679
1.441587	0.799142	0.870105	0.658105	0.603555	0.594706	0.696184	0.61286	0.993829	0.999588
1.233481	0.946391	0.890343	0.7342	0.970535	0.754752	0.658122	0.543773	0.5457	0.790765
0.831591	0.720874	0.732588	0.718879	0.872856	0.608013	0.689011	0.503899	0.467438	0.551166
0.549837	0.647096	0.842256	0.670271	0.988797	0.60226	0.875736	0.887482	0.761175	0.739185
0.777914	0.791683	0.609158	0.652686	0.574764	0.618763	0.964396	0.77788	0.639185	0.407947
1.648013	0.833573	0.825716	0.633718	0.664261	0.598466	0.732629	0.839626	0.779148	0.670066
1.333113	0.631477	0.772333	0.601916	1.025256	0.756107	0.752752	0.800943	0.470201	0.827828
0.910624	0.765845	0.681959	0.629613	0.659866	0.446289	0.593592	0.517558	0.546525	0.826219
0.780248	0.848485	0.942297	0.761	0.665367	0.57998	0.768126	0.661576	0.675426	0.779082
1.307236	0.794651	0.65485	0.627575	0.558017	0.672406	0.744591	0.782112	0.723576	0.700237
1.017505	0.615414	0.600376	0.486472	0.640622	0.557926	0.610083	0.871517	0.685547	0.909142
1.307236	0.865678	0.735215	0.492389	0.601639	0.675778	0.431782	0.761352	0.686687	0.895743
0.966479	1.12711	0.640842	0.707733	0.565869	0.727224	0.748652	0.672451	0.880427	1.011727
0.971088	1.363855	0.868311	0.751431	0.442536	0.897687	0.544165	0.803914	0.695911	0.707508
1.292419	1.048271	0.715887	0.742068	0.554572	0.64951	0.385191	0.631495	0.772147	0.711189
1.002304	1.130324	0.714629	0.847935	0.869301	0.899572	0.660336	0.723829	0.581792	0.608501
0.87207	1.022357	0.707153	0.956742	0.658774	0.920863	0.497498	0.480628	0.559949	0.748485
0.67173	1.19639	0.862974	1.045486	0.639577	0.806426	0.613059	0.695054	0.553185	0.916989

1.004801	0.796143	0.938072	0.897992	0.764419	0.683749	0.735259	0.764063	0.523988	0.632501
1.216846	0.748096	0.798967	0.909512	0.900495	0.841325	1.2473	0.882095	0.485004	0.717395
0.868295	1.462647	1.753515	0.896101	0.968305	0.58728	0.903974	0.680229	0.85955	0.727513
1.209493	0.988494	2.227896	0.716377	0.874645	0.815669	0.900101	0.604304	0.583588	0.880919
1.933469	1.000287	1.456628	0.610628	0.885536	0.597523	0.91381	0.770917	0.819035	0.604627
1.204774	0.841794	0.615113	0.412984	0.921943	0.664639	0.727416	0.593152	0.826842	0.519921
1.023284	0.737524	0.714629	0.414849	0.688093	0.661353	0.824236	0.584073	0.826842	0.523906
1.36063	0.806731	0.77666	0.783698	0.698721	0.750711	0.572235	0.581386	0.794959	0.640806
1.02531	0.806731	0.687827	0.626559	0.799148	0.79887	0.864936	0.599623	0.647444	0.931071
1.532649	0.870971	0.452073	0.89989	0.853651	0.706151	0.827485	0.968706	0.672103	0.766304
0.952937	0.948508	0.590822	0.800022	0.534458	0.606087	0.594545	0.812951	0.728573	0.705071
1.428107	1.269871	0.816086	0.710185	0.862275	0.787049	0.571329	0.977508	0.577334	0.74983
1.185372	1.061832	1.021223	0.789563	0.737459	0.846309	0.687827	0.834798	0.598228	0.799739
1.516084	0.831947	0.756826	0.770785	0.641669	0.939095	0.7782	0.925211	0.80683	0.674573
0.933384	0.712167	0.726088	0.614556	0.690432	1.082402	0.888686	0.621587	0.74522	0.893862
1.402341	0.870971	0.70592	0.542871	0.734852	0.545212	0.903974	0.904056	0.727318	1.19602
1.196909	0.90225	0.737858	0.582245	0.727126	0.607049	1.037239	0.736405	0.749154	0.863074
1.26422	0.62842	0.707153	0.513757	0.615234	0.924849	1.115217	0.790702	0.971284	0.699037
0.914675	0.963623	0.744538	0.587775	0.781436	0.795885	1.172631	0.673554	1.061285	0.755252
0.526746	1.143422	0.882874	0.851325	0.871075	0.806426	0.944729	0.680229	0.986942	0.937249
0.563216	0.948508	0.658147	1.111458	0.696337	1.204549	1.327099	1.036976	1.055913	0.823018
0.815103	1.09921	0.743194	1.004868	0.812923	0.829914	0.794519	1.097027	1.382565	1.269666
0.803923	1.404343	0.859452	0.919351	0.660961	0.814115	0.679627	0.929171	0.819035	2.13112
1.08728	1.306996	0.81135	1.20054	0.719535	0.905276	0.618065	0.811432	0.587202	1.555795
0.786917	0.933901	1.018685	1.056263	0.701119	1.057246	0.805232	2.297068	0.893085	1.555795
1.174134	0.560841	1.171855	0.877633	0.96388	1.353093	0.864936	1.641388	1.405832	0.993483
1.892928	0.402383	1.031527	2.400874	1.303371	1.589791	1.102743	1.163311	0.706527	1.030104
1.10422	1.167339	1.083653	1.399669	1.193458	0.725956	0.91435	1.187862	1.066725	1.352969
1.694457	1.135779	1.162243	0.972199	1.270939	0.670173	0.820153	0.867251	1.090344	1.078534
0.665953	1.476739	1.524037	1.157147	1.061259	1.79995	0.745163	1.229485	1.029392	1.113963
1.212784	1.41664	1.315684	1.150318	1.105788	0.530629	0.777209	1.042105	1.023035	1.016679
0.075768	0.037884	0.018942	0.553411	1.557567	0.809255	0.653919	0.135985	0.135985	0.067993
0	0	0.009471	1.196824	1.08788	1.189561	0.27197	0.135985	0.135985	0.033996
0	0	1.305768	1.548936	1.612755	0.54394	0.135985	0.135985	2.238676	0
0	0	0.948712	0.474356	0	0	1.255962	0.067993	0	0
2.14913	0	0	0	0	0	0	0	0	0
2.028049	0	0	0	0	0	0	0	0	0
0	0	1.147352	0	1.763696	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.412783	0	0	0	0	0	0	0	0	0
0.742226	1.274341	0	0.886769	0	0	0	0	0	0
1.220571	1.85058	0.443384	0	0	0	0	0	0	0
1.1668	1.316796	0.221692	0	0	0	0	0	0	0
1.00687	1.050949	0.574689	0.110846	0	0	0	0	0	0
1.02891	0.967278	0.927687	0.725111	1.348979	0	0	0	0	1.326767
0.833274	3.453318	0.875532	2.542203	0.218883	0	0	0	0	0

[illegible]

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20	21	22	23	24	25	26	27	28	29
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.289445	2.122889
0	0	0	0	1.659046	0.697996	1.525202	0.654443	0.842844	0.578891
0	0	0	1.281651	0.592388	1.037842	0.803603	0.428399	0.705433	0.440138
0	0	1.72603	0.778995	0.767902	0.839578	0.841893	0.490292	0.518763	0.498849
0	0	1.179762	0.784541	0.790087	0.923613	0.733368	0.533287	0.480974	0.418344
0	0	0	0.787314	1.173451	1.139273	0.654861	0.79712	0.988972	0.651422
0	0	0	0.393657	1.016436	1.312455	1.026685	0.779695	1.074601	0.88512
0	0	0	1.009365	1.4469	1.28497	0.896413	0.719949	0.849424	1.414667
0	0	1.492805	1.963965	1.002294	1.242707	0.635521	0.732534	0.825246	1.327649
0	1.167647	1.149805	1.131963	0.918225	1.238698	0.557377	0.744181	0.780587	0.729748
0.853407	2.193038	1.140884	0.765254	0.748085	1.17223	0.672926	0.557346	0.89851	0.689388
0.954452	1.042319	1.238402	0.952927	0.556052	0.855795	0.503483	0.563358	0.732431	0.683757
1.16058	0.766656	0.823454	0.732506	0.835011	0.601692	0.810996	1.203015	0.666753	0.717484
0.479513	0.542875	0.77911	0.829668	1.591018	1.142459	1.150612	0.962875	0.763935	0.66514
0.647414	0.693037	0.777658	0.490298	0.968833	0.983585	1.329581	0.987428	0.605913	0.525996
0.596119	0.79878	0.810762	0.569306	0.650215	0.647261	0.980252	0.679699	0.857792	0.855883
0.45143	0.503517	0.631431	0.653156	0.602429	0.855795	0.777985	0.415287	0.487408	0.527555
0.778517	0.858821	0.685339	0.707977	0.397253	0.723013	0.663269	0.57653	0.411601	0.492319
0.452792	0.603208	0.582556	0.907211	0.649185	0.614773	0.622768	0.78832	0.405594	0.581536
0.703154	0.750086	0.427865	0.692745	0.567829	0.751948	0.544271	0.578317	0.600272	0.874575
0.618505	0.718731	0.494191	0.703233	0.492112	0.584546	0.492602	0.660892	0.423248	0.536231
0.492021	0.43806	0.402709	0.317397	0.393812	0.528199	0.368244	0.482324	0.43971	0.514478
0.705589	0.483997	0.433076	0.109689	0.201698	0.391348	0.401787	0.354546	0.470458	0.83637
0.461054	0.451475	0.770474	0.396462	0.109755	0.191325	0.678386	0.342937	0.294136	0.4733
0.716716	0.442708	0.504881	0.38611	0.612708	0.359117	0.332624	0.28184	0.553396	0.334644
0.749209	0.549654	0.611216	0.340307	0.591487	0.352325	0.278193	0.2517	0.415856	0.303251
0.720489	0.41995	0.444361	0.214244	0.518698	0.372483	0.464181	0.272887	0.244885	0.237245

0.59802	0.388788	0.427865	0.237424	0.530274	0.262717	0.239721	0.340342	0.505798	0.177163
0.279163	0.649013	0.685339	0.256817	0.295565	0.272095	0.316568	0.233922	0.406789	0.326704
0.273259	0.427619	0.369773	0.298412	0.460352	0.239721	0.280824	0.178119	0.199169	0.303718
0.426334	0.428911	0.370339	0.496116	0.403633	0.286999	0.227878	0.355617	0.315902	0.255222
0.322397	0.491401	0.532819	0.351182	0.310866	0.499628	0.428143	0.275108	0.192544	0.415318
0.239427	0.32172	0.42464	0.478891	0.317523	0.24698	0.264845	0.29985	0.127846	0.312195
0.226276	0.541197	0.439679	0.141823	0.278589	0.268661	0.176174	0.415287	0.24324	0.35306
0.327478	0.550508	0.46291	0.205908	0.330659	0.247794	0.251896	0.255515	0.208541	0.445923
0.395978	0.469557	0.295505	0.373232	0.377005	0.25395	0.163904	0.292371	0.159837	0.289494
0.36929	0.549654	0.34715	0.437319	0.244073	0.356492	0.232183	0.172808	0.22515	0.414114
0.208431	0.124197	0.297899	0.500531	0.210223	0.231402	0.269534	0.406761	0.189631	0.307936
0.275067	0.160283	0.268664	0.230617	0.376456	0.413451	0.194173	0.559055	0.261259	0.300928
0.289809	0.353688	0.34287	0.227845	0.336626	0.460015	0.220159	0.491756	0.204017	0.411117
0.307991	0.140532	0.217101	0.338775	0.338634	0.52126	0.262308	0.447183	0.224363	0.280559
0.423138	0.326802	0.189316	0.239041	0.345735	0.625334	0.301085	0.447845	0.234704	0.42017
0.38768	0.34614	0.381251	0.37213	0.303844	0.471456	0.415964	0.611803	0.28185	0.37503
0.521356	0.318197	0.346612	0.413677	0.508165	0.401678	0.240923	0.45655	0.444251	0.467141
0.396576	0.38761	0.451139	0.288314	0.364012	0.356492	0.206972	0.411003	0.28185	0.471237
0.28934	0.388198	0.32976	0.35752	0.341157	0.353883	0.331634	0.455874	0.151118	0.298156
0.390035	0.444716	0.314534	0.321785	0.377555	0.525101	0.486202	0.500648	0.161875	0.449171
0.192786	0.270767	0.352016	0.452943	0.291033	0.363881	0.416565	0.695823	0.273848	0.352016
0.432799	0.327313	0.296461	0.540801	0.445302	0.381813	0.365562	0.553947	0.38863	0.58598
0.57483	0.55915	0.536961	0.52722	0.345224	0.469415	0.538659	0.609874	0.372303	0.58598
0.414935	0.573345	0.475009	0.445061	0.467061	0.617628	0.494037	0.506679	0.329206	0.580652
0.515013	0.689488	0.423356	0.468462	0.263097	0.598939	0.337609	0.443229	0.175356	0.525996
0.458973	0.591768	0.504881	0.61207	0.432626	0.514431	0.342651	0.516661	0.45615	0.611744
0.695932	0.542875	0.40516	0.51329	0.644073	0.668203	0.634527	0.606995	0.639336	0.754051
0.583958	0.617946	0.529534	0.611115	0.437021	0.929447	0.655903	0.575639	0.574878	0.49739
0.475902	0.54036	0.48009	0.652107	0.534202	0.897379	0.286135	0.581912	0.574878	0.66514
0.723023	0.801822	0.630398	0.648972	0.463023	0.676871	0.331634	0.781121	0.553396	0.726033
0.71797	0.653328	0.642964	0.679144	0.556052	0.548075	0.337108	0.721191	0.718722	0.750123
0.705589	0.434116	0.49874	0.523306	0.577312	0.453423	0.51691	0.674082	0.617418	0.68264
0.471607	0.574248	0.725824	0.607315	0.57384	0.720586	0.690644	0.741565	0.371751	0.519815
0.480966	0.838424	0.50643	0.671402	0.753282	0.700483	0.517669	0.708926	0.289088	0.679304
0.576641	0.687137	0.500267	0.578058	0.689009	0.622428	0.619878	0.667437	0.568755	0.948194
0.886097	0.693037	0.770474	0.823401	0.678981	0.413451	0.538659	0.598472	0.649677	0.788253
0.949727	0.483997	0.669242	0.55903	0.673508	0.46469	0.460839	0.572095	0.665665	0.744939
0.590464	0.614958	0.856909	0.60637	0.680084	0.567201	0.675102	0.699358	0.581984	0.607968
0.634788	0.492149	0.576132	0.689305	0.623236	0.493128	0.498371	0.669641	0.569625	0.567612
0.848894	0.527999	0.633505	0.557341	0.547017	0.408113	0.721073	0.816822	0.593783	0.7715
0.55974	0.629081	0.602418	0.530378	0.694682	0.325687	0.553239	0.745494	0.590118	0.449823
0.739863	0.527188	0.706953	0.665956	0.835011	0.64117	0.618919	0.530872	0.54674	0.48447
0.679533	0.723802	0.908549	0.514816	0.890468	1.042897	0.88743	0.512794	0.553396	0.585087
0.725571	0.470979	0.786439	0.564995	1.036037	0.810342	0.60757	0.510491	0.755842	0.712673
0.684155	0.460422	0.860401	0.693898	0.650215	0.460015	0.586613	0.414059	0.57576	0.47676
0.540958	0.574248	0.999739	0.735037	0.622269	0.407524	0.683915	0.583722	0.652828	0.345805
0.889812	0.495151	0.910512	0.651059	0.778853	0.552162	0.621803	0.538973	0.60686	0.571052

0.817778	0.743365	0.730998	0.49247	0.629088	0.615722	0.849974	0.52529	0.603083	0.577137
0.680684	0.583381	0.818651	0.660577	0.761195	0.493846	0.729643	0.510491	0.753178	0.511457
0.83552	0.509704	0.602418	0.56844	0.71335	0.475567	0.765722	0.604136	0.732431	0.463083
0.576641	0.454208	0.72326	0.632628	0.601507	0.513679	0.978056	0.83746	0.57312	0.569329
0.542633	0.537029	0.673781	0.6736	0.548646	0.718172	0.656948	0.6326	0.605913	0.775628
0.540124	0.78535	0.508764	0.476085	0.607071	0.713384	0.489746	0.53248	0.773571	0.559132
0.446697	0.545405	0.475731	0.472604	0.467061	0.406349	0.495477	0.517438	0.673333	0.592279
0.48462	0.520748	0.378931	0.344418	0.625178	0.529756	0.725949	0.812195	0.722418	0.711479
0.495769	0.638408	0.72454	0.615911	0.478017	0.583663	0.638518	0.791234	0.596553	0.578013
0.480239	0.508926	0.686512	0.961393	0.556052	0.61288	0.559879	0.564224	0.549224	0.639134
0.684155	0.687137	0.593794	0.66704	0.689009	0.823946	0.751188	0.522132	0.631238	0.600515
0.640004	0.734126	0.813901	0.712773	0.551922	0.749354	0.733368	0.619609	0.707819	0.592279
0.541795	0.86761	0.72326	0.528008	0.643058	0.679065	0.679486	0.568579	0.598409	0.844394
0.407498	0.851915	0.630398	0.66272	0.566127	0.742936	0.601084	0.592882	0.435216	0.569329
0.317875	0.60128	0.557412	0.990106	0.664893	1.006347	0.519189	0.485205	0.605913	0.529119
0.56589	0.743365	0.464316	0.691595	0.5511	0.785753	0.570033	0.685389	0.507303	0.618431
0.583037	0.770899	0.641903	0.69854	0.602429	0.645221	0.635521	0.933509	0.459514	0.687127
0.606682	0.850206	0.661412	0.762541	0.562742	0.658654	0.502016	0.711352	0.540184	0.713871
0.480239	0.851915	0.637684	0.61207	0.449827	0.616674	0.529205	0.589195	0.517217	0.567612
0.416187	0.577878	0.734919	0.607315	0.500064	0.789992	0.630572	0.722437	0.633248	0.705556
0.705589	0.592709	0.520625	0.857361	0.57384	0.945397	0.663269	0.729987	0.577529	0.755369
0.828984	1.117504	0.609246	0.811132	0.608006	0.855795	0.633535	0.67857	0.561008	0.956501
0.67724	0.918417	0.597606	0.663796	0.729132	0.8059	0.76038	0.63873	0.510329	0.673801
0.67269	0.797267	0.591901	0.584292	0.611764	0.669277	0.763043	0.581011	0.491751	0.444631
0.533503	0.490655	0.642964	0.912908	0.849447	0.720586	0.515398	0.698177	0.652828	0.651422
0.768526	0.664308	0.578874	0.981068	0.806025	0.778778	0.58307	0.878345	0.614513	0.774247
0.705589	0.924447	0.66475	0.6736	0.684524	0.497451	0.43	0.538973	0.656002	0.995986
0.730714	0.627035	0.558285	0.495384	0.550281	0.654476	0.564081	0.523708	0.564434	0.7091
0.698326	0.78535	0.874655	0.765254	0.668103	0.591683	0.538659	0.641828	0.545915	0.519815
0.63066	0.587088	0.623232	0.826524	0.836592	0.610995	0.448369	0.599411	0.495404	0.681525
0.873338	0.740705	0.685339	0.602612	0.546205	0.577525	0.549956	0.686536	0.507303	0.86428
0.811502	0.836767	0.817062	0.578943	0.618419	0.589888	0.522246	0.623565	0.685662	0.74237
0.57483	0.743365	0.688868	0.55903	0.739137	0.808856	0.76171	0.49249	0.654942	0.49739
0.680684	0.665421	0.687688	0.452943	0.684524	0.64218	0.657995	0.538156	0.671128	0.453759
0.906935	0.470267	0.66475	0.570173	0.70743	0.541615	0.747308	0.409787	0.534528	0.656647
1.123895	0.480342	0.741534	0.584292	0.514152	0.409885	0.668608	0.523708	0.378984	0.47399
0.809947	0.641563	0.609246	0.469838	0.589689	0.377398	0.445146	0.429034	0.413419	0.486597
0.765713	0.716217	0.615185	0.358053	0.71335	0.537626	0.568324	0.429669	0.545915	0.522122
0.517381	0.512831	0.641903	0.360725	0.696972	0.64624	0.516153	0.630576	0.836362	0.523668
0.681838	0.479614	0.630398	0.425337	0.648158	0.563814	0.594694	0.516661	0.803832	0.559132
0.873338	0.752804	0.825067	0.37268	0.440187	0.498901	0.737126	0.561632	0.710218	0.541844
0.721754	0.599361	0.578874	0.488855	0.594196	0.613825	0.697479	0.583722	0.642413	0.699712
0.903071	0.845117	0.605331	0.654209	0.813467	0.901031	0.671843	0.70173	0.698352	0.5642
0.687655	0.887597	0.727112	0.828093	0.734106	0.709827	0.642547	0.681966	0.704244	0.578013
0.618505	0.4818	0.550488	0.679144	0.685641	0.639159	0.698629	0.596601	0.747897	0.634114
0.788743	0.5946	0.590016	0.806619	0.520223	0.59439	0.848345	0.845666	0.758523	0.559132
0.616512	0.750086	0.676068	0.862436	0.62034	0.689079	0.57089	0.534095	0.553396	0.626202

0.803782	0.889461	0.697214	0.725001	0.487836	0.63318	0.549139	0.637702	0.471151	0.550814
0.642108	0.770899	0.969415	0.922573	0.526381	0.767846	0.827717	0.666339	0.699524	0.518283
0.475902	0.86761	0.609246	0.837631	0.498608	0.742936	0.559043	0.692317	0.749211	0.867684
0.444015	0.800298	0.597606	0.805125	0.401884	0.64931	0.475052	0.857421	0.54674	0.744939
0.621512	0.722529	0.606306	0.678029	0.588793	0.769198	0.530766	0.812195	0.569625	0.679304
0.875138	0.966942	0.683003	0.753178	0.419097	0.727909	0.654861	0.791234	0.471151	0.551638
0.63791	0.734126	0.636635	0.670308	0.453744	0.902869	0.519189	0.660892	0.521091	0.574518
0.648483	0.910504	0.511895	0.669216	0.422745	0.699329	0.507913	0.507439	0.476035	0.603295
0.613539	0.79576	0.607284	0.808118	0.527156	0.563814	0.491172	0.695823	0.591947	0.729748
0.768526	0.712474	0.552208	0.604487	0.652282	0.620502	0.394296	0.691155	0.722418	0.763359
0.569444	0.747385	0.763407	0.69854	0.622269	0.610995	0.553239	0.726196	0.591032	0.897755
0.479513	0.928514	0.869255	0.844109	0.617462	0.640164	0.535485	0.778274	0.529738	0.83637
0.647414	0.918417	0.716915	0.680261	0.579935	0.766499	0.621803	0.742871	0.527363	0.6577
0.538459	0.642619	0.5353	0.689305	0.566977	0.798597	0.58307	0.749459	0.572244	0.621329
0.8472	0.910504	0.559161	0.691595	0.564431	0.755868	0.772492	0.731259	0.467696	0.581536
0.8162	0.803351	0.693617	0.809623	0.565278	0.762482	0.670762	0.64704	0.590118	0.655597
0.703154	0.675573	0.550488	0.834429	0.559384	0.766499	0.515398	0.832609	0.507303	0.738545
0.729423	0.814206	0.478632	0.638686	0.625178	0.703964	0.609441	0.821498	0.604968	0.494485
0.916747	0.79576	0.719442	0.678029	0.908774	0.802964	0.68839	0.695823	0.620342	0.633117
0.941244	0.864073	0.908549	0.66272	0.648158	0.800048	0.900059	0.795641	0.532926	0.973608
0.830609	0.82534	1.259851	1.043491	0.543777	0.791414	0.621803	0.768455	0.561008	0.804199
0.527792	0.663197	0.880124	1.061952	0.632044	0.617628	0.725949	0.502148	0.373409	0.64935
0.592341	0.523956	0.815479	0.815693	0.781635	0.466034	0.646613	0.764314	0.620342	0.567612
0.964982	0.609043	0.683003	0.621738	0.556052	0.602613	0.733368	0.552257	0.54427	0.573649
1.140187	0.86761	0.976227	0.501271	0.630072	0.727909	0.813989	0.518217	0.652828	0.663001
1.220166	0.683635	0.938966	0.762541	0.836592	0.64117	0.856548	0.593809	0.817476	0.704381
0.632719	0.649013	0.76622	0.499054	0.719353	0.686834	0.920677	0.572095	0.592864	0.488734
0.554537	0.611991	0.789406	0.540801	0.774714	0.488139	0.623736	0.669641	0.814407	0.538628
0.619505	0.531261	0.737553	0.717623	0.788667	0.429248	0.593789	0.565092	0.632242	0.58777
0.788743	0.826954	0.829942	0.742719	0.748085	0.486019	0.75249	0.6326	0.618391	0.364174
0.901152	0.709996	0.776212	0.640724	0.746795	0.568905	0.76038	0.464743	0.564434	0.402249
0.673823	0.565304	0.783493	0.753178	0.770614	0.623395	0.849974	0.578317	0.532926	0.41052
0.86445	0.705083	0.756453	0.963536	0.656445	0.617628	0.571749	0.588278	0.568755	0.448519
0.958378	1.039671	0.898866	0.780484	0.579059	0.870926	0.620839	0.4335	0.684527	0.595007
0.723023	1.066899	0.906595	0.741429	0.629088	0.681271	0.603852	0.586449	0.654942	0.432542
0.728135	0.765251	0.704497	0.618815	0.607071	0.559617	0.602005	0.693483	0.624273	0.480247
0.66484	0.780964	0.887524	0.828093	0.473876	0.571473	0.622768	0.711352	0.508814	0.599592
0.741186	0.853631	0.649386	0.709171	0.562742	0.73286	0.493319	0.857421	0.896658	0.860902
0.65604	0.980546	0.760612	0.642771	0.649185	0.708648	0.533906	0.604136	0.638316	0.604226
0.507987	0.964716	0.767633	0.738861	0.692404	0.654476	0.512388	0.63873	0.473237	0.680413
0.515801	0.765251	0.714403	0.652107	0.634026	0.970479	0.710297	0.735095	0.651775	0.908886
0.591401	0.543716	0.657	0.728737	0.797259	0.822413	0.685029	0.791234	0.794969	0.878061
0.840487	0.656593	0.713152	0.892375	0.956138	0.941355	0.705592	0.764314	0.639336	0.758016
0.833877	0.706306	0.669242	0.963536	0.706255	0.959852	0.597421	0.761575	0.440356	0.6577
0.800732	0.752804	0.86747	0.679144	0.766552	0.893758	0.699782	0.594737	0.514909	0.5642
0.886097	0.940949	0.976227	0.619787	0.763866	0.899202	0.978056	0.640793	0.525786	0.610797
0.636867	0.707533	0.874655	0.703233	0.784434	0.578397	0.737126	0.649142	0.61067	0.65455

0.779963	0.850206	0.943187	0.535959	0.91442	0.757183	0.97587	0.792698	0.792054	0.781193
1.171147	1.050358	1.102878	0.470528	0.773343	0.563814	0.76038	0.65981	0.902237	0.59047
1.096026	0.922428	0.853445	0.693898	0.745509	0.492412	0.608504	0.565961	0.857792	0.648317
0.867983	0.864073	0.552208	0.586991	0.627129	0.59439	0.824628	0.591957	0.625261	0.580652
0.728135	0.591768	0.744209	0.72999	0.787251	0.697031	0.707938	0.601295	0.747897	0.418344
0.774207	0.649013	0.938966	0.723762	1.08367	0.73913	0.823092	0.625557	0.777767	0.49739
0.808398	0.508926	0.77911	0.669216	1.12779	0.708648	0.728408	0.526083	0.825246	0.691661
0.779963	0.535373	0.727112	0.881571	1.166627	1.071801	0.646613	0.622573	0.786283	1.039423
0.552816	0.874772	0.960495	1.461782	0.954058	0.867518	0.765722	0.960711	0.680014	0.719909
0.570337	0.552223	0.978522	1.018409	0.85768	0.652403	0.849974	0.769844	0.825246	0.602366
0.584882	0.546251	0.83986	0.653156	0.664893	0.787161	0.626653	0.553101	0.815939	0.650385
0.580284	0.66209	0.603387	0.790462	0.601507	0.664997	0.48409	0.601295	0.709017	0.751428
0.809947	0.930562	0.55654	0.659509	0.624206	0.714576	0.472309	0.581912	0.624273	0.796878
0.680684	0.797267	0.694813	0.81876	0.538166	0.64931	0.818516	0.775446	0.596553	0.641158
0.787267	0.718731	0.688868	0.82496	0.566127	0.787161	0.567472	0.696998	0.595628	0.707915
0.805315	0.747385	0.605331	0.747917	0.437652	0.820885	0.533119	0.874787	0.436496	0.594096
0.854018	0.696616	0.621206	0.839242	0.511897	0.845993	0.436876	0.688839	0.560155	0.619395
0.997201	1.053072	0.627312	0.936475	0.791512	0.822413	0.570033	0.650197	0.430769	0.63014
0.583958	0.751443	0.994934	1.119482	0.685641	0.802964	0.829269	0.792698	0.743979	0.679304
0.647414	0.746041	0.738876	0.965689	0.640026	0.769198	0.644575	0.756148	0.642413	0.656647
0.914767	0.960297	0.681839	0.82496	0.594196	0.698178	0.406461	0.672968	0.620342	0.585087
1.069838	1.174793	0.70084	0.907211	0.958228	0.776019	0.421403	0.582816	0.59748	0.799791
0.916747	1.075411	0.851724	0.976618	0.714544	0.598939	0.570033	0.94377	0.834756	0.788253
0.668187	0.918417	0.878293	0.840858	0.662765	0.811832	0.458184	0.801588	0.728649	0.651422
0.749209	0.804885	0.665869	1.023311	0.69127	0.813328	0.527649	0.737672	0.704244	0.558293
0.590464	0.624999	0.585338	0.967853	0.709788	0.769198	0.496922	0.636677	0.794969	0.750123
0.77278	0.848503	0.492685	0.758504	0.754591	0.908429	0.670762	0.891033	0.726146	0.758016
0.827365	0.966942	0.520625	0.847384	0.570395	0.802964	0.695189	0.913685	0.719951	0.602366
0.828984	0.779512	0.592847	0.826524	0.698122	0.901031	0.73587	0.818375	0.598409	0.653505
0.899241	0.768066	0.715657	0.836027	0.710973	0.822413	0.748597	0.845666	0.618391	0.644212
1.120709	0.82534	0.691236	0.930462	0.813467	0.87609	0.821562	0.756148	0.577529	0.666213
1.024307	0.982855	0.720711	0.758504	0.641035	0.604462	0.719862	0.733813	0.704244	0.525218
0.747861	0.902734	0.809202	0.844109	0.684524	0.505489	0.460839	0.512025	0.774965	0.431915
0.690004	0.801822	0.848301	0.787588	0.735358	0.632192	0.54266	0.449173	0.768038	0.46241
0.889812	0.79576	0.920461	0.879796	0.781635	0.737869	0.568324	0.466123	0.700699	0.684878
0.808398	1.064098	0.804553	0.890556	1.038551	1.08003	0.609441	0.781121	0.664581	0.746229
0.75876	1.17841	0.806097	0.731246	0.883357	0.694744	0.705592	0.758853	0.716275	0.741091
0.852303	0.876581	1.016989	0.934461	0.851081	0.536041	0.809507	0.64704	0.66242	0.563352
0.87876	0.634238	0.938966	0.766617	0.699275	0.5819	0.73587	0.472391	0.650725	0.46241
0.723023	0.622972	0.641903	0.638686	0.778853	0.867518	0.830827	0.640793	0.58739	0.625223
0.814629	0.93262	0.590957	0.711569	0.663828	0.718172	0.700938	0.758853	0.555918	0.570189
0.730714	0.76948	0.813901	0.773495	0.614604	0.608183	0.699782	0.491023	0.620342	0.533848
0.703154	0.575153	0.881962	0.541613	0.589689	0.645221	0.797778	0.430942	0.727396	0.455079
0.697127	0.560024	0.825067	0.631627	0.795815	0.573194	0.733368	0.522132	0.747897	0.756691
0.893559	0.620955	0.973945	0.564138	0.739137	0.774646	0.661151	0.527674	0.837973	0.743652
0.682995	0.780964	1.029744	0.502012	0.714544	0.506227	0.638518	0.625557	0.852752	0.612693
0.75056	0.693037	0.752333	0.679144	0.842972	0.568905	0.77937	0.586449	0.703059	0.698553

0.761528	0.836767	0.729698	0.69854	0.807503	0.80443	0.958773	0.651255	0.681138	0.565903
1.004427	0.735434	0.716915	0.497582	0.806025	0.777397	0.946378	0.484483	0.641385	0.533848
1.114405	0.830201	0.803014	0.538373	0.706255	0.681271	0.663269	0.481607	0.774965	0.623272
0.708037	0.732822	0.828311	0.766617	0.886898	0.512928	0.520715	0.548898	0.700699	0.553293
0.767117	0.603208	0.615185	0.581609	0.676784	0.540015	0.61132	0.671856	0.852752	0.599592
0.82095	0.882054	0.763407	0.63767	0.500064	0.727909	0.689515	1.076307	0.803832	0.586874
0.66484	1.140186	0.749608	0.840858	0.69127	0.854146	0.682804	0.732534	0.552558	0.64935
0.487565	0.773751	0.680679	0.506488	0.673508	0.687955	0.677289	0.666339	0.6868	0.675994
0.500311	0.685967	0.813901	0.556499	0.831867	0.685715	0.536276	0.829405	0.945506	0.777012
0.7932	0.820534	0.592847	0.72999	0.650215	0.773278	0.840295	1.376999	0.643443	0.763359
0.661519	0.820534	0.642964	0.779077	0.527156	0.897379	0.818516	0.907911	0.507303	0.89959
0.587664	0.872971	0.70084	0.926499	0.608006	0.820885	0.677289	0.839088	0.586484	0.960715
0.643164	0.712474	0.784963	0.997011	0.634026	1.030369	0.870003	0.539792	0.616447	0.777012
0.737229	0.86761	0.736234	0.747917	0.894068	0.931409	0.591084	0.554794	0.705433	0.683757
1.204486	1.08118	0.604358	1.015979	0.615554	0.855795	0.501285	0.786871	0.699524	0.599592
0.732009	0.887597	0.729698	1.110352	0.5104	0.719377	0.486202	0.727456	0.705433	1.039423
0.629634	0.848503	0.736234	0.928476	0.533413	0.769198	0.629589	0.749459	0.548394	1.113999
0.489787	0.5488	0.710662	1.161429	0.453744	0.552984	0.809507	0.761575	0.46019	0.786832
0.730714	0.878398	0.725824	1.158054	0.800162	0.808856	0.942324	0.749459	0.631238	0.763359
1.16058	1.452812	0.918453	0.930462	0.933787	1.152158	0.973696	0.958557	0.605913	0.698553
1.021772	1.061315	0.786439	0.765254	0.680084	1.013415	0.790605	0.762942	0.797903	0.770132
0.833877	0.860564	0.555671	0.599814	0.507422	0.813328	0.61132	0.700542	0.561862	0.672709
0.857467	0.705083	0.674923	0.829668	0.490682	0.522026	0.629589	0.71257	0.566157	0.546714
0.899241	0.8989	0.763407	0.920623	0.732857	0.781555	0.663269	0.782551	0.780587	0.791109
1.047816	1.185736	0.611216	0.957139	0.624206	0.953598	0.562395	0.761575	0.578417	0.908886
1.081283	0.987511	0.567117	0.725001	0.586117	0.899202	0.478506	0.687686	0.527363	0.826932
0.757383	0.902734	0.782027	0.699709	0.433877	0.912175	0.505692	0.597536	0.647589	0.830055
0.747861	0.650088	0.795402	0.66272	0.588793	0.689079	0.721073	0.687686	0.682265	0.715072
1.200652	0.712474	0.58627	0.834429	0.780242	0.957757	0.559879	0.70173	0.799378	0.498119
1.212255	1.069718	0.796914	0.787588	0.774714	0.927493	0.51389	0.88555	0.464952	0.713871
0.86445	0.788299	0.732301	0.71398	0.669179	0.819363	0.616053	0.683104	0.249441	0.755369
0.659319	0.645804	0.69005	0.620762	0.572976	0.741664	0.77113	0.737672	0.611627	0.690523
0.569444	0.731522	0.876471	0.867572	0.716942	0.634171	0.721073	0.582816	0.667842	0.823831
0.922743	1.061315	0.703275	0.767984	0.98191	0.758502	0.506431	0.555643	0.7249	0.642173
0.697127	0.908549	0.600487	0.897879	0.777469	0.854146	0.581309	0.572095	0.588297	0.739816
0.543472	1.016546	0.644027	0.879796	0.745509	0.877824	0.817002	0.76569	0.535332	0.506965
0.465244	0.725079	0.732301	0.802153	0.744227	0.699329	0.813989	0.721191	0.613549	0.550814
0.636867	0.681316	0.668115	0.563282	0.588793	0.662872	0.696333	0.480891	0.631238	0.789678
0.809947	0.700224	0.679522	0.770731	0.643058	0.269089	0.414167	0.563358	0.799378	0.58598
0.859202	0.86761	0.769051	0.886939	0.699275	0.375207	0.484793	0.740263	0.654942	0.775628
0.734611	1.245018	0.736234	0.888744	0.714544	0.787161	0.74474	0.800094	0.66027	0.801255
0.57483	1.08118	0.841535	0.800674	0.91253	0.974804	0.978056	0.722437	0.728649	0.593186
0.833877	0.79576	0.876471	0.705598	0.866071	0.919767	1.084243	0.731259	0.67003	0.822289
1.146879	0.772323	0.621206	0.916748	1.137178	0.700483	0.759055	0.881933	0.799378	0.593186
0.811502	0.794257	0.683003	0.680261	0.838178	0.810342	0.677289	0.768455	0.815939	0.730994
0.734611	0.779512	0.784963	0.796268	0.576442	0.961957	0.891001	0.45251	0.806828	0.774247
0.674959	1.050358	1.042884	0.740143	0.749378	0.653438	0.692911	0.415287	0.960229	0.602366

0.990093	0.860564	1.118473	0.749226	0.767902	0.883071	0.913066	0.509726	0.933272	0.801255
1.064227	0.862315	0.980829	0.890556	0.792942	0.6736	1.041642	0.88555	0.861185	0.733497
0.884251	1.009103	0.964932	0.970027	0.939769	0.64218	0.993668	0.749459	0.792054	0.536231
0.709266	0.838424	0.622218	0.658444	1.080882	0.951533	1.221247	0.620595	0.869785	0.678198
0.594226	0.804885	0.625267	0.439242	0.903201	0.807375	0.913066	0.764314	1.333227	0.788253
0.976216	0.791268	0.833223	0.741429	0.87636	0.981373	0.709116	0.513565	1.299242	1.117023
1.419206	0.93262	0.72454	1.286142	0.937766	0.631205	0.655903	0.726196	1.160515	0.869397
1.067024	1.083425	1.144651	1.07011	0.954058	0.703964	0.76038	1.2223	1.024687	0.759346
0.926787	2.063986	1.099826	1.154706	1.163254	0.999392	1.09558	0.906003	1.083034	0.7715
0.949727	1.47381	1.273248	0.98331	1.170026	0.912175	1.315062	0.789775	1.05821	0.789678
1.323307	0.79878	1.12166	0.685891	0.92014	0.841173	0.960874	0.657656	0.97106	1.044528
1.002005	1.004212	1.134648	1.148085	1.216815	0.850866	0.868298	0.571213	0.674439	0.881576
1.216192	1.199862	1.566368	1.23509	1.269262	0.990289	0.882128	0.835837	0.66242	0.659812
1.605517	1.185736	1.213988	0.920623	1.333871	0.84438	1.009863	0.667437	0.782004	0.670533
0.964982	1.153699	1.194641	0.695054	1.220633	0.822413	0.946378	0.677444	0.977691	0.713871
1.318275	1.050358	1.43647	0.89973	0.941782	0.906568	0.892798	0.724939	1.097464	0.855883
1.458835	0.891332	0.934785	1.072864	0.82257	0.661814	0.928425	0.707719	0.982168	0.865979
0.985418	0.934687	0.848301	0.862436	0.951988	0.56213	1.041642	0.724939	0.663499	0.59592
0.943349	0.876581	0.971674	0.611115	1.097885	0.883071	1.228986	0.559055	0.58739	0.51221
1.140187	0.936765	1.064773	0.565853	0.866071	0.823946	0.841893	0.554794	0.880336	0.61651
1.216192	0.999374	0.906595	0.711569	0.958228	0.972636	0.668608	0.554794	0.977691	0.874575
1.458835	1.092954	0.818651	0.907211	0.933787	0.751948	0.83396	0.564224	0.902237	1.108014
1.412939	0.779512	0.910512	0.746612	0.885124	0.668203	1.054511	0.806102	0.632242	0.545898
1.011776	0.610024	0.912483	0.56844	1.038551	0.802964	0.980252	0.688839	0.60686	0.425694
0.791709	0.840088	0.742869	0.553982	1.11558	0.622428	0.971533	0.685389	0.728649	0.492319
1.249047	0.872971	0.851724	0.616877	0.922063	0.953598	0.727177	0.687686	0.779175	0.670533
1.472891	0.739381	0.924506	0.648972	0.69127	0.748063	0.756417	0.779695	0.703059	0.793984
1.204486	0.964716	1.087824	0.681381	0.675689	0.540015	0.843497	0.622573	0.509571	0.461068
0.960568	1.006651	1.034952	0.654209	0.78584	0.599855	0.77523	0.443229	0.569625	0.490882
0.994819	0.817358	0.896955	0.823401	0.838178	0.659705	0.809507	0.513565	0.740095	0.642173
1.284592	0.788299	0.818651	1.023311	1.031053	0.951533	0.412376	0.518997	0.923333	0.667289
0.990093	0.975964	1.048254	1.272805	0.718146	0.906568	0.656948	0.585538	0.765298	0.698553
1.845175	1.519121	1.50039	0.688164	0.83977	0.874362	0.830827	0.723686	0.738809	0.644212
1.096026	0.850206	0.914464	0.619787	1.08367	0.888381	0.672926	0.561632	0.713842	0.490882
0.728135	0.64474	0.597606	0.695054	0.862695	0.831692	0.550774	0.509726	0.749211	0.515236
0.867983	0.584305	0.5279	0.725001	0.593291	0.730377	0.519951	0.531676	0.617418	0.63113
1.212255	0.615952	0.922479	1.3288	0.736614	0.808856	0.593789	0.64809	0.631238	0.785415
1.019183	0.904663	1.03234	1.178706	0.746795	0.729141	0.827717	0.818375	0.607809	0.520583
2.006375	1.117504	1.158357	0.797732	1.009308	0.961957	0.854895	0.65981	0.716275	0.535435
1.494867	1.120672	0.809202	0.897879	1.453403	1.407195	0.94842	0.64704	1.226333	0.962838
1.216192	1.044982	1.131365	1.148085	0.807503	1.102767	0.703259	0.774039	1.167355	1.226931
0.954031	1.087027	1.508109	1.189412	0.634026	0.663933	0.922601	0.695823	0.710218	0.799791
1.982637	1.848435	1.048254	1.006391	0.874628	0.611936	0.740916	0.965051	0.668935	0.549991
1.635618	1.815717	0.681839	0.978837	0.954058	0.886604	0.577808	0.911752	0.789159	0.772871
0.906935	1.02158	0.614189	0.854009	0.824106	0.914061	0.620839	0.716244	0.733699	0.879815
1.055944	1.001786	0.826686	0.924532	0.98191	1.41912	0.617961	0.804592	0.734971	0.926136
1.053218	1.101998	0.983148	1.178706	0.803083	1.326878	0.903736	0.860839	1.17782	1.628088

0.82095	1.02158	0.872848	1.059266	0.861017	1.289432	0.854895	0.702921	0.856106	1.547465
1.51016	0.960297	0.83986	1.614178	1.194592	1.586711	0.784951	0.907911	0.674439	1.215361
1.019251	0.953751	0.771901	0.963536	0.92014	0.839578	1.101362	0.795641	0.565295	0.828491
0.978498	1.204612	0.978522	0.723762	1.009308	0.707473	0.946378	0.937584	0.632242	0.68264
1.024307	0.747385	1.226023	1.171712	1.398106	1.280554	1.170623	0.813732	1.066328	1.014757
0.973946	0.719993	0.914464	0.844109	0.87636	0.992547	0.81249	0.726196	0.751852	1.178882
0.891681	0.831833	1.39855	0.741429	0.861017	0.575787	0.769771	0.852344	0.636282	0.980201
0.914767	0.633202	0.836529	0.693898	0.683409	0.709827	1.160502	1.006199	0.802343	0.862587
0.75876	0.653328	0.660305	0.737582	0.60428	0.813328	1.012227	0.999065	0.833156	0.74237
0.867983	0.872971	0.548774	0.761191	0.781635	1.071801	0.830827	0.71257	0.76122	0.715072
1.029422	1.053072	0.658099	0.978837	0.662765	0.807375	0.806545	0.563358	0.837973	0.663001
0.678385	0.705083	0.796914	1.040916	0.962439	0.819363	0.44131	0.683104	0.794969	0.655597
0.583958	0.543716	0.600487	0.850684	0.69127	1.006347	0.503483	0.748133	0.773571	0.577137
0.632719	0.731522	0.684169	0.757166	0.753282	0.86078	0.582189	0.761575	0.658131	0.750123
0.51659	0.657687	0.623232	0.652107	0.702751	0.63318	0.698629	0.694652	0.713842	0.675994
0.53023	0.96918	0.569802	0.620762	0.646111	0.698178	0.685029	0.603187	0.632242	0.673801
0.502599	0.682474	0.769051	0.392406	0.482899	0.742936	0.501285	0.634634	0.430137	0.620361
0.681838	0.628057	0.843217	0.689305	0.564431	0.792841	0.64866	0.627558	0.467008	0.798332
0.785797	0.610024	0.635589	0.903455	0.878098	0.691336	0.740916	0.713791	0.486688	0.658755
0.77278	0.581539	0.608264	0.703233	0.804552	0.664997	0.617961	0.78832	0.564434	0.485887
0.658223	0.653328	0.635589	0.56844	0.673508	0.473507	0.428761	0.6326	0.671128	0.623272
0.573027	0.529627	0.851724	0.562428	0.735358	0.596204	0.496199	0.461994	0.549224	0.599592
0.614528	0.405007	0.51111	0.593355	0.608942	0.598026	0.576068	0.388457	0.536943	0.463756
0.777075	0.444716	0.56801	0.545697	0.576442	0.537626	0.564926	0.473796	0.400848	0.515236
0.777075	0.382931	0.551347	0.414282	0.531841	0.560453	0.612262	0.444543	0.535332	0.479548
0.592341	0.463212	0.288873	0.413071	0.73037	0.581022	0.738385	0.348703	0.452812	0.515996
0.485354	0.558278	0.448415	0.383278	0.591487	0.545642	0.560716	0.488104	0.613549	0.545084
0.528603	0.480342	0.543672	0.405281	0.393241	0.583663	0.30247	0.370892	0.672229	0.417737
0.292158	0.624999	0.710662	0.641746	0.457035	0.42678	0.440038	0.332647	0.42387	0.446571
0.396576	0.53786	0.582556	0.515581	0.512648	0.363881	0.526098	0.496179	0.448181	0.567612
0.476621	0.79576	0.450456	0.524086	0.463694	0.47833	0.598334	0.429669	0.54674	0.604226
0.521356	0.75417	0.394238	0.515581	0.523291	0.645221	0.533119	0.450505	0.428876	0.518283
0.634788	0.58802	0.380089	0.466406	0.496432	0.78295	0.608504	0.599411	0.711423	0.705556
0.562365	0.783883	0.457331	0.53999	0.467738	0.456706	0.525325	0.609874	0.502802	0.64935
0.497278	0.557408	0.378353	0.511769	0.524061	0.47833	0.383576	0.51511	0.438422	0.5642
0.650628	0.422492	0.558285	0.466406	0.460352	0.517453	0.456863	0.6752	0.439065	0.687127
0.511095	0.647941	0.604358	0.601677	0.50594	0.387397	0.458846	0.715015	0.367905	0.519048
0.526174	0.79276	0.654811	0.483133	0.569538	0.637157	0.602927	0.589195	0.468385	0.716276
0.614528	0.553945	0.72454	0.643799	0.755903	0.624364	0.59651	0.686536	0.49761	0.541844
0.781414	0.385849	0.817062	0.781896	0.988599	0.620502	0.494757	0.671856	0.580196	0.678198
0.652785	0.38061	0.6592	0.728737	0.742949	0.604462	0.562395	0.764314	0.54427	0.865979
0.796197	0.620955	0.615185	0.702055	0.750675	0.613825	0.545888	0.605087	0.521091	0.688256
0.87876	0.470267	0.7469	0.565853	0.735358	0.813328	0.739649	0.46131	0.514142	0.499581
0.383009	0.41055	0.858652	0.58519	0.66596	0.522793	0.827717	0.584629	0.399081	0.659812
0.502599	0.605144	0.654811	0.691595	0.678981	0.541615	0.678386	0.543081	0.473935	0.644212
0.629634	0.60709	0.533644	0.693898	0.628108	0.777397	0.76038	0.479463	0.536137	0.659812
0.69474	0.714966	0.614189	0.738861	0.787251	0.955673	0.640528	0.655511	0.649677	0.549169

0.645284	0.887597	0.756453	0.905329	0.663828	0.93536	0.772492	0.699358	0.678894	0.738545
0.643164	1.047662	0.703275	0.922573	0.649185	0.762482	0.588396	0.657656	0.650725	0.715072
0.777075	0.803351	0.706953	0.695054	0.518698	0.854146	0.699782	0.700542	0.736246	0.602366
1.157114	1.08118	0.657	0.646895	0.581692	0.659705	0.642547	0.835837	0.625261	0.554953
0.8472	1.164118	0.660305	0.75054	0.70043	0.719377	0.546698	0.95428	0.609714	0.63014
0.735918	0.8989	0.61023	0.784732	0.464365	0.702801	0.737126	0.807618	0.866325	1.073736
0.651705	0.664308	0.924506	0.777675	0.676784	1.001698	0.634527	0.67632	0.673333	0.88512
0.784331	0.717472	0.971674	0.538373	0.708608	0.71101	0.759055	0.873019	0.711423	0.778402
0.785797	0.599361	0.99733	0.859046	0.794376	0.580145	0.918762	0.740263	0.782004	0.802725
0.665953	0.617946	0.841535	0.669216	0.918225	0.680167	0.711481	0.906003	0.819019	0.667289
0.638956	0.564419	0.523037	0.512529	0.817995	0.698178	0.942324	0.615689	0.54674	0.648317
0.48609	0.683635	0.435046	0.390106	0.567829	0.590785	0.858207	0.538973	0.731167	0.732244
0.544313	0.742033	0.591901	0.514816	0.586117	0.784349	0.728408	0.517438	0.75987	0.648317
0.509538	0.687137	0.773334	0.715191	0.669179	0.700483	0.604778	0.60604	0.619365	0.692802
0.57483	0.765251	0.727112	0.774884	0.715741	0.632192	0.840295	0.661976	0.796434	0.711479
0.75876	0.525569	0.579791	0.997011	0.811969	0.559617	0.60757	0.573863	0.808333	0.737277
0.667068	0.598405	0.6592	0.844109	0.685641	0.754558	0.426295	0.741565	0.796434	0.744939
0.583958	0.910504	0.676068	0.695054	0.648158	0.847611	0.706764	0.789775	0.658131	0.920309
0.602811	0.862315	0.6592	0.723762	0.534202	0.888381	0.896413	1.023317	0.474634	0.442058
0.768526	0.96918	0.636635	0.737582	0.556882	1.0941	0.651749	1.043744	0.754508	0.477455
0.778517	0.634238	0.590016	0.717623	0.600586	0.841173	0.597421	1.065179	0.446212	0.874575
1.050509	0.779512	0.533644	0.496848	0.746795	1.08003	0.637517	0.902212	0.676661	1.024456
0.838825	0.916425	0.898866	0.793355	0.831867	1.045446	0.772492	0.762942	0.664581	1.099187
0.842156	0.916425	0.705723	1.16483	0.871185	1.223023	0.631557	0.971644	0.647589	0.795428
0.920735	0.743365	0.621206	1.182246	0.897698	1.117607	0.823092	0.850665	0.731167	0.952328
0.806854	0.54036	0.679522	0.69854	0.886898	0.640164	0.73587	0.749459	0.789159	1.060216
0.644223	0.57879	0.924506	0.74531	0.878098	0.632192	0.820036	0.83746	0.723657	0.778402
0.941244	0.82534	0.729698	0.749226	0.806025	1.023022	1.019396	0.591034	0.737526	0.860902
1.039837	0.768066	0.77911	0.992396	0.830304	0.904714	0.691776	0.874787	0.634257	0.920309
0.857467	0.48107	0.943187	0.94053	0.80162	0.718172	0.612262	0.654443	0.674439	0.849281
0.63791	0.400138	0.623232	0.641746	0.830304	0.675778	0.638518	0.595668	0.565295	0.689388
0.699528	0.532901	0.555671	0.548992	0.754591	0.753251	0.848345	0.710137	0.682265	0.474681
0.814629	0.57879	0.649386	0.578943	0.751976	0.748063	0.769771	0.439311	0.601207	0.545898
0.652785	0.716217	0.763407	0.658444	0.922063	0.570616	0.697479	0.643905	0.750529	0.799791
0.66484	0.953751	0.980829	0.483133	0.836592	0.456706	0.870003	0.992046	0.792054	0.805678
0.903071	0.871177	0.865692	0.362336	0.648158	0.458689	0.649687	0.809138	0.659199	0.637119
1.039837	0.615952	0.784963	0.419161	0.540562	0.548075	0.907444	0.598472	0.673333	0.655597
1.185649	0.674433	0.759221	0.578943	0.682298	0.41825	0.769771	0.664152	0.565295	0.617469
0.941244	0.523956	0.70084	0.761191	0.856021	0.599855	0.87689	0.681966	0.700699	0.823831
0.855739	0.677861	0.646163	0.620762	0.851081	0.457366	0.724725	0.519779	0.540184	0.897755
0.735918	0.947303	0.65372	0.548166	0.721777	0.390216	0.615103	0.563358	0.547566	0.515996
1.171147	0.985177	1.105953	0.844109	0.859345	0.725454	0.817002	0.526083	0.826816	0.681525
1.14352	0.987511	1.087824	0.886939	0.871185	1.048011	0.803603	0.921506	0.825246	0.729748
1.067024	0.806425	1.148037	0.81876	0.726667	0.774646	0.77937	0.874787	0.875028	0.774247
0.973946	0.79276	1.076146	0.994697	1.004619	0.636159	0.768417	0.94377	0.649677	0.752738
0.920735	1.426306	1.374992	0.773495	1.205562	1.242707	1.301012	0.962875	0.868052	0.687127
1.480093	1.446032	1.584558	1.4686	0.997681	1.271859	1.873158	0.826225	0.975469	0.834783

1.382001	2.439092	1.603542	1.432547	1.387172	1.341797	0.817002	1.457172	0.704244	1.385556
1.258884	1.189446	1.396494	1.6654	1.727257	1.308001	1.274206	1.314191	1.012453	1.128126
1.438569	0.975964	2.679244	1.885501	2.037242	1.179133	1.311096	1.547161	1.966695	1.157076
1.061449	1.036509	1.183434	0.905329	1.638498	0.921686	1.517547	2.114331	1.44239	2.154789
0.918737	1.01157	0.732301	1.168257	1.038551	1.675167	1.257212	0.874787	0.765298	1.337619
0.799216	0.814206	0.592847	1.29068	0.844582	1.097866	1.019396	1.093552	0.630236	1.332605
1.715215	0.966942	0.980829	1.227135	0.931811	1.331794	1.157181	0.909827	1.230299	2.093171
0.83552	0.947303	0.994934	1.092647	1.198218	0.754558	1.016993	0.976096	1.665665	1.2004
0.709266	1.053072	1.059197	0.733769	0.899525	0.85745	1.049318	1.013453	1.294598	0.734753
0.7932	1.669859	1.282414	1.081232	0.890468	1.254959	1.225099	1.084844	0.968872	1.420732
0.747861	1.143525	0.853445	1.37611	1.524432	1.595695	1.016993	1.437314	0.806828	1.385556
0.867983	0.649013	0.699628	1.227135	1.190997	0.961957	1.034099	1.339267	1.037277	1.69157
0.520558	0.751443	0.782027	1.075636	1.232289	0.834829	0.768417	0.947944	0.975469	1.628088
0.690004	1.004212	0.90465	0.815693	0.846197	0.70164	0.634527	0.813732	1.333227	0.846017
0.767117	1.130319	0.730998	1.020853	0.777469	1.071801	0.96938	0.801588	0.857792	1.207816
0.715465	0.947303	0.669242	1.286142	0.739137	0.904714	0.666464	0.917578	0.758523	1.204092
0.794696	0.672162	0.698419	0.978837	0.656445	0.773278	0.670762	0.792698	0.7249	0.850922
0.729423	0.773751	0.740203	0.98331	0.937766	0.737869	0.46755	0.732534	0.705433	0.823831
0.610587	0.996976	0.760612	0.7992	0.708608	0.893758	0.698629	0.764314	0.937312	0.477455
0.703154	1.08118	0.467142	0.794809	0.611764	1.004017	0.8666	0.586449	0.505047	0.596835
0.610587	0.960297	0.427218	1.095548	0.644073	1.071801	0.564926	0.515885	0.511089	0.7715
0.619505	0.712474	0.472849	0.901588	0.548646	0.64117	0.529985	0.824644	0.718722	0.834783
0.537629	0.505827	0.543672	0.6725	0.729132	0.54889	0.602005	0.772636	0.652828	0.811645
0.56589	0.709996	0.541143	0.567576	0.485713	0.523561	0.578681	0.548062	0.658131	0.681525
0.552816	0.79276	0.550488	0.55148	0.440823	0.694744	0.536276	0.285018	0.400258	0.4531
0.679533	0.735434	0.585338	0.676918	0.546205	0.774646	0.502016	0.481607	0.39093	0.64626
0.824146	0.595548	0.369207	0.732506	0.404218	0.719377	0.537863	0.726196	0.659199	0.820753
0.538459	0.575153	0.66475	0.892375	0.623236	0.816335	0.438138	0.589195	0.592864	0.828491
0.422501	0.487683	0.687688	0.740143	0.432002	0.603536	0.356567	0.620595	0.554235	0.567612
0.537629	0.462513	0.580711	0.566714	0.369378	0.685715	0.632545	0.445201	0.440356	0.522122
0.859202	0.735434	0.61919	0.593355	0.366151	0.583663	0.483388	0.486652	0.476737	0.618431
0.729423	0.801822	0.482286	0.718844	0.434504	0.584546	0.545888	0.795641	0.654942	0.668368
0.461749	0.413661	0.555671	0.63767	0.617462	0.610056	0.470944	0.702921	0.508814	0.661935
0.480239	0.401957	0.734919	0.689305	0.563586	0.568053	0.378588	0.591034	0.584678	0.417131
0.597069	0.563537	0.5353	0.685891	0.492112	0.616674	0.61132	0.655511	0.521091	0.548349
0.805315	0.723802	0.581632	1.023311	0.477324	1.042897	0.730881	0.613742	0.507303	0.991417
0.646347	0.947303	0.622218	0.944623	0.579059	0.734107	0.481987	0.6326	0.776364	1.135622
0.59993	0.64474	0.554802	0.543242	0.434504	0.623395	0.402951	0.832609	0.717497	0.962838
0.705589	0.615952	0.623232	0.627644	0.389832	0.599855	0.495477	0.641828	0.66242	0.713871
0.673823	0.924447	0.427218	0.558185	0.395529	0.537626	0.524553	0.699358	0.933272	0.690523
0.712975	0.8951	0.518227	0.671402	0.498608	0.888381	0.523014	0.655511	0.828393	0.954409
0.994819	0.985177	0.511895	0.831249	0.742949	1.045446	0.541055	0.686536	0.736246	0.81466
0.578458	0.739381	0.615185	0.695054	0.894068	0.813328	0.590186	0.553101	0.635268	0.61651
0.410581	0.699018	0.72326	0.820301	0.638017	0.598939	0.753795	0.891033	0.466322	0.470552
0.577549	0.783883	0.660305	0.689305	0.528712	0.600772	0.629589	0.741565	0.721183	0.721127
0.621512	0.770899	0.522231	0.558185	0.447882	0.550523	0.514643	0.70173	0.809843	1.036892
0.854018	0.656593	0.481553	0.622717	0.546205	0.660758	0.543465	0.706514	0.738809	0.793984

0.611569	0.64474	0.699628	0.710368	0.66596	0.660758	0.64356	0.915627	0.776364	0.637119
0.44737	0.876581	0.855174	0.582502	0.674597	0.653438	0.601084	0.889198	0.968872	0.772871
0.611569	0.676715	0.577958	0.616877	0.545394	0.681271	0.871715	0.848992	0.796434	0.847646
0.842156	0.701434	0.710662	0.605427	0.817995	0.86078	0.870003	0.549736	0.521091	0.786832
0.710499	0.552223	0.799953	0.847384	1.072624	0.8059	0.661151	0.698177	0.711423	0.689388
0.638956	0.668779	0.647234	0.616877	0.954058	0.828577	1.06242	0.952158	0.925303	0.688256
0.899241	0.831833	0.850009	0.45895	0.750675	0.797151	1.092718	1.609797	0.593783	0.521352
0.859202	0.630107	0.893158	0.504991	0.794376	0.901031	1.002848	0.962875	0.727396	0.716276
0.855739	0.806425	0.865692	0.703233	0.91253	0.71697	0.838703	0.663062	0.590118	0.782596
0.730714	0.851915	0.782027	0.519426	0.746795	0.86078	0.616053	0.581011	0.590118	0.744939
0.945465	0.99459	0.54963	0.555658	0.709788	1.182626	0.896413	0.591034	0.554235	0.764706
0.658223	0.862315	0.862157	0.774884	1.18743	2.075731	1.928112	1.290484	0.984424	0.89049
0.499551	0.93262	0.834873	0.84248	1.838941	1.136111	0.926475	0.985138	1.210821	1.00293
0.511876	0.945175	0.468561	0.622717	0.767902	0.915954	0.76038	0.883738	0.769415	0.854223
0.625554	0.714966	0.669242	0.769355	0.631057	0.6846	0.554889	0.965051	0.641385	1.060216
1.011776	0.67901	0.478632	1.13514	0.647133	0.883071	0.790605	0.668537	0.538561	0.952328
0.84383	0.78535	0.520625	0.847384	0.872903	1.120637	1.134613	0.987428	0.671128	0.975795
0.934989	0.835116	0.764811	0.829668	1.064521	0.966197	0.958773	1.564155	0.947579	0.810146
1.150264	0.709996	0.784963	1.07011	1.014047	1.004017	1.059768	1.242481	0.925303	0.734753
1.133597	1.14689	1.131365	0.883353	1.194592	0.819363	1.131483	0.902212	0.854426	0.573649
1.081283	1.044982	1.392539	1.171712	1.146774	1.577908	1.073195	0.79712	0.866325	0.854223
1.377126	1.026672	1.575368	1.040916	0.835011	1.082807	1.059768	0.971644	0.90789	0.683757
1.354792	1.204612	0.914464	0.761191	0.922063	0.870926	0.859873	1.111511	1.259125	0.680413
1.656912	1.68127	0.691236	1.116417	1.70331	1.040362	0.740916	0.774039	1.05722	1.00293
1.047816	1.69299	1.016989	3.968287	1.16099	1.721118	0.882128	0.716244	2.063605	1.439449
0.939149	1.53534	1.811013	1.113804	1.205562	1.037028	0.913066	0.71871	0.861185	2.363167
1.069838	2.232332	1.022046	1.851015	0.73037	0.979545	1.43489	0.869907	0.762575	1.572712
0.709266	1.117504	0.622218	1.025783	0.922063	1.091249	0.878629	0.874268	1.386912	1.132799
1.656912	0.943057	0.872848	2.355503	1.57339	1.006656	0.439315	0.656791	2.188544	1.353431
0.979868	0.907952	1.739088	1.032944	1.112992	1.697535	0.219657	0.329486	1.147418	1.638044
0.033996	0.025497	0.012749	1.19304	0.516472	0	0.109829	1.671767	1.302295	2.778569
0.016998	0	0	0	0	0	0.054914	1.457172	1.379734	0
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0	0	0	0	0	0	0	1.36588	0	0
0	0	0	0	1.967718	0.988043	0	0	0.513821	0.973608
0	0	0	0	0.494022	1.326878	0.030876	0.054034	2.267725	1.765948
0	0	0	1.4686	0.247011	0.061753	0.077191	1.268005	1.318335	1.322748

[illegible]

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1.370295	1.457434	0.786021	2.086152	0.386196	0.193098	0	0	0	0
0.908973	0.536781	0.443159	1.12607	0.772392	1.124483	1.136811	0.460652	0.230326	0.115163
0.462903	0.293007	0.289272	0.56045	0.525994	0.664876	0.921304	1.509736	1.397931	1.59972
0.230187	0.198953	0.389248	0.36371	0.484423	0.385867	0.496195	0.806412	0.944416	0.897273
0.320064	0.263047	0.433289	0.306552	0.361437	0.361779	0.424309	0.54341	0.825525	0.922745
0.480429	0.417928	0.606318	0.605408	0.509754	0.547336	0.471791	0.582671	0.672187	0.598688
1.165561	0.461494	1.161705	0.82167	0.742906	0.761776	0.852594	0.624872	0.709772	0.490683
0.44256	0.452027	0.456761	1.132154	1.005528	0.988412	1.100729	0.568903	0.516371	0.535152
1.022485	0.447294	0.44966	0.561908	2.644018	1.139827	0.796136	0.580056	0.659662	0.749009
1.315222	1.738732	0.667055	0.751063	0.793067	0.577924	0.756506	0.509618	0.613814	0.58556
0.598236	1.226925	1.321653	0.88445	0.83507	0.510615	0.925139	0.571452	0.464161	0.532092
0.701654	0.788576	0.784649	0.507181	0.586421	0.653516	0.881218	0.644582	0.401368	0.269599
0.783279	0.625207	0.640317	0.67437	0.857073	1.1493	0.822687	0.686907	0.629844	0.418106
0.591966	0.781695	0.592021	0.744933	0.828984	0.730249	0.772469	0.669479	0.825525	0.586423
0.598236	0.642693	0.746642	1.010105	0.544431	0.609909	0.513759	0.712074	0.763803	0.425796
0.701654	0.697564	0.629643	0.79975	0.69596	0.622063	0.453859	0.540227	0.433766	0.383198
0.496545	0.574915	0.761968	0.715788	0.544431	0.444092	0.46707	0.551472	0.352056	0.532092
0.725176	0.45684	0.756799	0.559629	0.362984	0.303855	0.354293	0.462073	0.337116	0.496964
0.55206	0.513346	0.440051	0.384566	0.559604	0.363344	0.55939	0.168983	0.363869	0.588154
0.488763	0.460082	0.429041	0.390635	0.670051	0.436604	0.526644	0.243484	0.39461	0.543679
0.551249	0.339744	0.480943	0.508637	0.519276	0.382577	0.423702	0.420425	0.512688	0.418693
0.270253	0.43664	0.344764	0.599977	0.48374	0.44725	0.437265	0.468746	0.675376	0.499785
0.282726	0.336304	0.323411	0.43752	0.376633	0.524781	0.722601	0.580926	0.498972	0.614984
0.474282	0.363058	0.43635	0.555549	0.316937	0.608068	0.494763	0.470094	0.434378	0.395266
0.302361	0.320914	0.385954	0.616479	0.483058	0.512822	0.555262	0.490112	0.463506	0.382117
0.283599	0.349223	0.4682	0.372678	0.489234	0.434753	0.564397	0.730109	0.54781	0.494161
0.515514	0.265536	0.482307	0.367381	0.298288	0.393642	0.382614	0.636591	0.360757	0.398617

0.381236	0.383308	0.295888	0.334924	0.596035	0.376071	0.459755	0.497953	0.326477	0.515638
0.251582	0.444105	0.495477	0.349836	0.590765	0.339452	0.413504	0.45225	0.353071	0.4094
0.323885	0.380589	0.539901	0.428334	0.497608	0.444722	0.331616	0.413856	0.351044	0.446575
0.272378	0.418519	0.344764	0.387314	0.323494	0.380398	0.404701	0.368321	0.324095	0.671035
0.230187	0.27436	0.306233	0.299739	0.3777	0.504786	0.337548	0.415638	0.44429	0.439127
0.390084	0.378965	0.314042	0.440625	0.487166	0.383671	0.365825	0.246699	0.445545	0.403124
0.327739	0.45234	0.366698	0.440625	0.437192	0.296625	0.483473	0.272882	0.356641	0.383198
0.383431	0.29612	0.355338	0.435051	0.376633	0.434137	0.599332	0.430161	0.551003	0.356957
0.257717	0.382218	0.205524	0.340827	0.264877	0.353016	0.571162	0.39757	0.546222	0.508361
0.178492	0.280774	0.149707	0.19283	0.397944	0.306598	0.504888	0.44012	0.643505	0.453516
0.216113	0.281205	0.164561	0.336883	0.353781	0.385317	0.372247	0.401009	0.608295	0.450347
0.207222	0.484174	0.366175	0.403604	0.514855	0.382577	0.302653	0.3142	0.552608	0.338999
0.27666	0.296566	0.399847	0.433209	0.484423	0.338464	0.317606	0.251566	0.603748	0.420458
0.145141	0.335326	0.397032	0.416382	0.344768	0.369661	0.467742	0.27032	0.428901	0.485174
0.312055	0.402833	0.410132	0.392305	0.457267	0.487754	0.409374	0.416233	0.355618	0.284858
0.391763	0.32758	0.324359	0.330064	0.464387	0.530119	0.490495	0.428932	0.368055	0.299778
0.38619	0.412643	0.390904	0.344309	0.487854	0.428029	0.46373	0.354662	0.409389	0.326952
0.439121	0.429301	0.344764	0.446903	0.401883	0.464055	0.47383	0.319891	0.552608	0.385912
0.49941	0.558277	0.369849	0.470287	0.333035	0.374996	0.468414	0.408554	0.621284	0.509083
0.579691	0.602937	0.53602	0.487995	0.521504	0.428636	0.471791	0.395292	0.44179	0.509083
0.406595	0.600231	0.682587	0.585817	0.6711	0.593622	0.474512	0.518576	0.43622	0.523787
0.307412	0.443478	0.57226	0.461697	0.534347	0.51876	0.581513	0.450312	0.593027	0.457349
0.424364	0.460082	0.508333	0.468955	0.492007	0.510615	0.672459	0.28903	0.503256	0.517846
0.510325	0.572378	0.515644	0.542746	0.508307	0.351488	0.664989	0.472122	0.452512	0.4094
0.57539	0.467965	0.44629	0.502844	0.429897	0.297522	0.479314	0.591503	0.531423	0.464466
0.487363	0.688658	0.494071	0.53804	0.511205	0.512085	0.613193	0.526185	0.687271	0.551579
0.472927	0.747576	0.52233	0.647461	0.693741	0.503341	0.870899	0.636591	0.807803	0.633838
0.577965	0.652721	0.362015	0.687375	0.567808	0.633593	0.877751	0.714436	0.825525	0.591637
0.617608	0.677776	0.462944	0.574642	0.615927	0.582228	0.582387	0.568057	0.548606	0.542897
0.598236	0.619532	0.691337	0.583212	0.771067	0.777762	0.55939	0.53237	0.509036	0.566996
0.539271	1.005259	0.62393	0.739938	0.784497	0.638488	0.597517	0.549847	0.581703	0.514905
0.612917	0.821709	0.76067	0.784351	0.604964	0.696334	0.417674	0.555559	0.788002	0.663749
0.568595	0.757792	0.57818	0.681909	0.434137	0.650469	0.72381	0.719198	0.769065	0.626198
0.47837	0.648682	0.541463	0.590192	0.599585	0.777762	0.602069	0.724014	0.590388	0.491376
0.583163	0.903858	0.78056	0.847928	0.855464	0.810151	0.596612	0.518576	0.623172	0.526789
0.593748	0.978677	0.879142	1.019457	0.830497	0.888445	0.83036	0.657891	0.926935	0.694764
0.646874	0.553407	0.692444	1.031438	0.684976	0.990622	0.759126	0.797719	0.948398	0.70942
0.637885	0.616721	0.407825	0.629763	0.683893	0.777762	0.585019	0.701602	0.617533	0.564525
0.505926	0.603842	0.440671	0.733774	0.672152	0.77103	0.469762	0.689136	0.595683	0.61131
0.684813	0.886138	0.566421	1.005504	0.610411	0.674398	0.574585	0.803495	0.737176	0.639658
0.819267	1.238494	0.72343	0.887928	0.656636	0.768365	0.580641	0.780838	0.827035	0.897273
0.875257	0.945591	0.754237	0.663822	0.506865	0.938495	0.657646	0.715621	0.782507	0.816844
0.912679	0.589576	0.588519	0.505731	0.501856	0.687426	0.601155	0.776718	0.474785	0.723402
0.617608	0.637765	0.787397	0.661743	0.536653	0.610831	0.522815	0.732571	0.626019	0.651537
0.820771	1.156793	1.224818	0.914938	0.484423	0.627789	0.597517	0.738789	0.68947	0.730565
0.721566	0.896683	0.923939	0.602684	0.596035	0.848334	0.499796	0.8274	0.498972	0.691451
0.751327	0.589576	0.867384	0.542746	0.640675	0.866259	0.700235	0.855965	0.754745	0.792573

1.022164	0.655775	0.699141	0.681909	0.742906	0.657613	0.529733	1.06461	0.60647	0.985107
0.68043	0.580892	0.57648	0.470955	0.545217	0.629715	0.568613	0.925171	0.710928	0.63577
0.604598	0.460734	0.669784	0.543535	0.718799	0.538642	0.482777	0.883037	0.687271	0.6576
0.602771	0.615789	0.759376	0.644461	0.928774	0.634567	0.648384	0.768594	0.570668	0.718691
0.723969	0.665068	0.818832	0.736229	0.699311	0.545742	0.974006	0.644582	0.3814	0.834833
0.710911	0.569856	0.721058	0.795496	0.722331	0.310745	0.54231	0.553919	0.544641	1.00052
0.677172	0.690867	0.909095	0.641481	0.932594	0.518013	0.457125	0.631669	0.660692	0.812461
0.839231	0.687557	0.666641	0.492186	1.01009	0.77371	0.80335	0.78222	0.714415	0.641615
0.675013	0.653736	0.462944	0.448804	0.828984	0.680863	0.757814	0.836714	0.706321	0.599578
0.533014	0.527559	0.691337	0.584947	0.570299	0.561948	0.799008	0.452898	0.790776	0.624309
0.684813	0.640715	0.724621	0.656588	0.557173	0.404422	0.473149	0.478265	0.652519	0.76696
0.775068	0.68646	0.661454	0.503564	0.691533	0.506963	0.625575	0.609724	0.680742	0.642597
0.691471	0.449154	0.456463	0.515248	0.881953	0.570283	0.813655	0.576594	0.67431	0.863294
0.687021	0.643686	0.453258	0.653524	0.958276	0.661748	0.68668	0.497235	0.716755	0.860038
0.444154	0.621415	0.497593	0.681909	0.636774	0.605323	0.370633	0.486594	0.950403	0.681661
0.514769	0.619532	0.577329	0.705344	0.542864	0.42561	0.424918	0.588834	0.89219	0.588154
0.639867	0.741312	0.541463	0.62307	0.653598	0.582228	0.652476	0.481716	0.583426	0.450347
0.510325	0.608398	0.45582	0.721701	0.501145	0.461427	0.902623	0.60143	0.559088	0.347387
0.571131	0.657823	0.579032	0.732551	0.736753	0.440332	0.783446	0.666288	0.915659	0.518584
0.573681	0.688658	0.664559	0.617415	0.567808	0.64344	0.761762	0.657891	0.771721	0.684899
0.652971	0.766932	0.533708	0.529543	0.604063	0.505511	0.556085	0.691376	0.758604	0.553977
0.685916	0.719478	0.444409	0.430765	0.492007	0.44852	0.613193	0.505939	0.707468	0.602257
0.397408	0.574915	0.313578	0.633634	0.551552	0.469359	0.72624	0.481716	0.770391	0.532855
0.350593	0.542253	0.41129	0.479051	0.576169	0.592735	0.464396	0.488701	0.748388	0.436061
0.460268	0.473302	0.489883	0.681909	0.463735	0.533199	0.57717	0.603259	0.71793	0.642597
0.614787	0.762991	0.500431	0.629763	0.654608	0.625872	0.498352	0.454848	0.661725	0.598688
0.617608	0.70551	0.420667	0.737462	0.355809	0.635544	0.653506	0.411492	0.624119	0.561252
0.531464	0.694203	0.364611	0.617415	0.422129	0.489148	0.499074	0.355698	0.722662	0.654558
0.480429	0.604749	0.580742	0.567071	0.34875	0.548935	0.471113	0.50084	0.788002	0.746504
0.453104	0.607483	0.64925	0.738698	0.413337	0.610831	0.66711	0.725226	0.637598	0.640636
0.638875	0.808441	0.532174	0.756388	0.604063	0.711211	0.447402	0.732571	0.553413	0.650534
0.54164	0.638746	0.480263	0.836923	0.611326	0.792952	0.537551	0.538644	0.738407	0.614063
0.510325	0.699819	0.480943	0.602684	0.511205	0.872966	0.652476	0.657891	0.642515	0.496262
0.675013	0.770909	0.52383	0.583212	0.624335	0.651482	0.546316	0.813792	0.624119	0.604953
0.556955	0.487629	0.534478	0.68518	0.609499	0.679779	0.653506	0.789197	0.474113	0.61131
0.615726	0.757792	0.481624	0.577195	0.528256	0.817524	0.564397	0.698166	0.553413	0.481088
0.546418	0.524528	0.533708	0.706492	0.601371	0.913676	0.748739	0.792019	0.567328	0.520064
0.55206	0.484863	0.698018	0.734999	0.608588	0.79015	0.581513	0.884786	0.716755	0.840998
0.597335	0.5887	0.694665	0.707643	0.632909	0.517268	0.461738	0.764589	0.6166	1.018832
0.537698	0.455549	0.65126	0.860856	0.494799	0.625872	0.68557	0.838286	0.534497	0.892003
0.784662	0.555835	0.711694	0.773485	0.439651	0.678697	0.678965	0.955029	0.804919	0.773555
0.817769	0.405122	0.729419	0.647461	0.544431	0.707732	0.539131	1.026547	0.707468	0.853598
0.898041	0.586081	0.779205	0.6288	0.81706	0.68304	0.63141	0.806412	0.695014	0.833305
0.992099	0.814288	1.106611	0.772146	0.894071	0.878064	0.934876	0.838286	0.926935	0.809564
1.003418	0.618593	0.749159	0.88445	0.839692	0.780485	1.169353	0.621035	0.719109	0.677379
0.693714	0.437257	0.859177	0.684087	1.024071	0.664876	0.794708	0.843037	0.79779	1.014181
0.621398	0.483487	0.730627	0.541958	0.915664	0.605323	0.864153	0.973983	0.685084	0.890261

0.826837	0.799816	0.751691	0.56958	0.729482	0.541783	0.847733	0.862577	0.698376	0.963996
1.041757	0.875843	0.851122	0.540387	0.538972	0.618287	0.756506	0.517822	0.748388	1.011874
0.996591	0.613002	0.744139	0.52046	0.70723	0.622063	0.583263	0.621991	0.6166	0.740304
0.635913	0.567349	0.978151	0.673304	0.653598	0.530887	0.632391	0.612524	0.617533	0.863294
0.496545	0.638746	0.797155	0.654543	0.675322	0.413125	0.674616	0.44455	0.502539	0.773555
0.642856	0.818725	0.667686	0.576342	0.525994	0.63165	0.751313	0.631669	0.588637	0.589892
0.733719	0.652721	0.751691	0.611832	0.568637	0.469359	0.895371	0.554738	0.640541	0.590764
0.635913	0.809895	0.631565	0.724089	0.799766	0.651482	0.796136	0.596889	0.613814	0.678446
0.480429	0.765615	0.611803	0.695145	0.841244	0.602595	0.547122	0.315143	0.831596	0.616833
0.619499	0.640715	0.440671	0.795496	0.610411	0.664876	0.799008	0.529267	0.761196	0.609484
0.659156	0.647678	0.46688	0.510829	0.74664	0.642445	0.80335	0.552286	0.810707	0.501203
0.578827	0.559094	0.701397	0.642472	0.712976	0.665924	0.882962	0.644582	0.767744	0.717521
0.509589	0.68646	0.622042	0.584947	0.570299	0.699722	0.925139	0.614401	0.771721	0.509806
0.590191	0.787191	0.719876	0.663822	0.545217	0.637505	0.80627	0.489406	0.556647	0.339978
0.663328	0.792757	0.622042	0.801178	0.728282	0.640462	0.767082	0.630692	0.484986	0.39139
0.513283	0.690867	0.734271	0.911238	0.80977	0.726616	0.434767	0.441381	0.554219	0.652541
0.639867	0.811354	0.768517	0.736229	0.662776	0.605323	0.551173	0.422234	0.533727	0.573655
0.544023	0.670318	0.562297	0.688477	0.74664	0.635544	0.714226	0.800598	0.623172	0.394155
0.630049	0.673498	0.564766	0.719326	0.608588	0.612683	0.545512	0.597794	0.577426	0.465773
0.839231	0.713603	0.60541	0.732551	0.703818	0.727823	0.610385	0.720397	0.516371	0.667898
0.517757	0.784434	0.690234	0.736229	0.575326	0.615476	0.530508	0.746369	0.851936	1.007297
0.466885	0.700952	0.494071	0.582347	0.538972	0.623963	0.661827	0.775354	0.790776	0.853598
0.462242	0.691976	0.612724	0.521961	0.524492	0.745097	0.570311	0.76592	0.56983	0.583839
0.656053	0.604749	0.792946	0.584079	0.447113	0.659676	0.628483	0.693628	0.595683	0.603154
0.826837	0.539118	0.472184	0.695145	0.66796	0.745097	0.649404	0.61913	0.480196	0.559625
0.744956	0.580892	0.574788	0.584079	0.542083	0.69746	0.494049	0.54341	0.583426	0.70942
0.705102	0.542253	0.633495	0.707643	0.607679	0.946427	0.650425	0.8274	0.490526	0.634803
0.54164	0.580892	0.735492	0.494297	0.830497	0.862945	0.715412	0.957095	0.600145	0.714031
0.657084	0.481431	0.5574	0.43938	0.570299	0.726616	0.642317	0.750209	0.627927	0.928404
0.608275	0.555024	0.573944	0.463664	0.63872	0.501901	0.733611	0.594188	0.639558	0.938001
0.671795	0.551796	0.795747	0.44501	0.672152	0.684132	0.653506	0.713253	0.738407	0.831782
0.678255	0.506773	0.717523	0.641481	0.934516	0.828061	0.551988	0.626803	0.566497	0.714031
0.628111	0.576614	0.692444	0.562095	0.814129	0.665924	0.513759	0.756687	0.531423	0.613143
0.804512	0.471961	0.624877	0.621177	0.737977	0.598085	0.728683	0.484497	0.373876	0.63771
0.732488	0.576614	0.665599	0.432597	0.783135	0.621116	0.647367	0.772637	0.559905	0.596031
0.776425	0.480065	0.696897	0.60359	0.686062	0.740091	0.694536	0.705064	0.618468	0.730565
0.744956	0.555835	0.438196	0.562921	0.699311	0.581364	0.828814	0.733808	0.549403	0.711719
0.643857	0.643686	0.52308	0.573794	0.57956	0.665924	0.654537	0.616286	0.621284	0.483808
0.748767	0.688658	0.62393	0.651494	0.620578	0.685227	0.578902	0.374773	0.567328	0.568651
0.590191	0.548592	0.574788	0.508637	0.679587	0.614543	0.763086	0.516319	0.647488	0.506201
0.612917	0.44852	0.512705	0.511563	0.606772	0.485671	0.73985	0.521604	0.810707	0.616833
0.626183	0.593984	0.634463	0.483156	0.541303	0.489148	0.619816	0.561347	0.82855	0.502625
0.588423	0.742557	0.801405	0.572103	0.449629	0.604412	0.560221	0.662069	0.731069	0.506201
0.665429	0.926123	0.703664	0.836923	0.522995	0.610831	0.650425	0.572305	0.658634	0.679515
0.568595	0.889625	0.794344	0.824678	0.899369	0.772368	0.879481	0.690255	0.627927	0.745257
0.64486	0.74506	0.730627	0.838478	0.704952	0.605323	0.69003	0.56218	0.738407	0.67314
0.576246	0.719478	0.843213	0.700782	0.648582	0.74384	0.539131	0.582671	0.728651	0.566996

0.47496	0.655775	0.582458	0.768152	0.470302	0.603502	0.566921	0.636591	0.697252	0.534385
0.721566	0.740069	0.534478	0.907569	0.468321	0.738849	0.658688	0.751497	0.557459	0.634803
0.723969	0.560732	0.772494	0.881	0.554755	0.785981	0.589441	0.686907	0.607382	0.552377
0.657084	0.460734	0.616427	0.742429	0.54996	0.618287	0.574585	0.537855	0.778431	0.562886
0.685916	0.550993	0.539122	0.604498	0.70723	0.598085	0.567766	0.466734	0.737176	0.42879
0.896245	0.492511	0.729419	0.772146	0.641655	0.678697	0.647367	0.71681	0.543065	0.553176
0.994339	0.572378	0.807136	0.678662	0.559604	0.77371	0.518263	0.738789	0.660692	0.609484
0.669663	0.440979	0.807136	0.638522	0.647586	0.751436	0.548738	0.942838	0.639558	0.711719
0.795894	0.743807	0.783282	0.52121	0.897596	0.474054	0.597517	1.01221	0.706321	0.922745
0.817769	0.769579	0.874064	0.56045	0.704952	0.556207	0.765746	0.720397	0.715584	0.781604
0.855237	0.634835	0.755516	1.029015	0.741669	0.530887	0.561886	0.629717	0.725048	0.808122
0.656053	0.49745	0.755516	0.690688	0.855464	0.708889	0.449973	0.904509	0.66276	1.055398
0.556955	0.576614	0.745389	0.457141	0.828984	0.499034	0.573727	0.917543	0.626972	0.900821
0.677172	0.794159	0.692444	0.490784	0.701559	0.590084	0.756506	0.649653	0.710928	0.724588
0.584035	0.59665	0.791552	0.60178	0.595152	0.648449	0.908144	0.551472	0.622227	0.710568
0.698233	0.466642	0.669784	0.435051	0.802601	0.618287	0.639316	0.600518	0.586893	0.723402
0.436005	0.494621	0.717523	0.435667	0.75167	0.726616	0.831911	0.846233	0.853541	0.902607
0.490167	0.556647	0.647249	0.548301	0.875178	0.648449	0.675699	0.732571	0.72029	1.087043
0.710911	0.557461	0.792946	0.801178	0.776389	0.822008	0.867513	0.534712	0.503975	0.770905
0.804512	0.52002	0.933481	0.584947	0.682812	0.630681	0.860819	0.651698	0.541494	0.791186
0.664377	0.555024	0.791552	0.477691	0.61316	0.829587	0.783446	0.932934	0.580845	0.798163
0.679341	0.847933	0.869045	0.80261	0.863569	0.755285	0.884713	0.84784	0.677514	0.834833
0.820771	0.74506	0.826305	0.736229	0.754207	0.664876	0.911863	0.767255	0.708618	0.76305
0.583163	0.563201	0.721058	0.714615	0.742906	1.034895	1.064753	0.84784	0.612889	0.532855
0.561905	0.558277	0.957276	0.88445	0.745392	0.997319	0.715412	0.902679	0.680742	0.803826
0.40428	0.670318	1.145687	0.887928	0.689337	0.608988	0.561053	0.605096	0.712087	0.932217
0.592856	0.772243	1.002336	0.528016	0.76843	0.445353	0.513759	0.548229	0.593027	0.565347
0.571131	0.740069	0.957276	0.681909	0.592514	0.505511	0.477249	0.63957	0.575726	0.485859
0.901654	0.684272	0.742893	0.824678	0.686062	0.639474	0.442304	0.754084	0.936559	0.744014
0.612917	0.586081	0.867384	0.613685	0.769747	0.825024	0.444845	0.836714	0.6939	0.715191
0.581423	0.505325	0.867384	0.624972	0.811219	0.723012	0.573727	0.836714	0.593027	0.847253
0.652971	0.542253	0.860806	0.665911	0.801182	0.772368	0.592117	0.71681	0.578278	0.724588
0.77102	0.655775	0.701397	0.872493	0.709519	0.788756	0.938832	0.71681	0.617533	0.749009
0.817769	0.628073	0.758085	0.668011	0.733102	0.583962	0.616965	0.759305	0.725048	0.785685
0.511063	0.593099	0.830851	0.630727	0.734316	0.597189	0.65145	1.06727	0.719109	0.850414
0.672865	0.529846	0.716351	0.595502	0.740434	0.465375	0.746181	1.026547	0.704036	0.736627
0.795894	0.529846	0.647249	0.496418	0.582977	0.615476	0.661827	0.761939	0.552608	0.602257
0.76568	0.547794	0.727014	0.517474	0.601371	0.583962	0.603903	0.605096	0.565667	0.735408
0.565237	0.531378	0.984615	0.664865	0.780424	0.553769	0.592117	0.822816	0.478159	0.731771
0.626183	0.590454	0.860806	0.736229	0.673206	0.399282	0.604824	0.881295	0.477482	0.813917
0.722766	0.66716	0.633495	0.487995	0.558792	0.445353	0.501245	0.573159	0.400235	0.625253
0.726386	0.547794	0.550156	0.505731	0.479665	0.710048	0.496913	0.570601	0.526095	0.468398
0.632971	0.68646	0.59911	0.718144	0.647586	0.876358	0.48417	0.541021	0.553413	0.615908
0.760406	0.612078	0.711694	0.869136	0.736753	0.729035	0.468414	0.707388	0.624119	0.685984
0.775068	0.526041	0.55336	0.840038	0.865209	0.676542	0.583263	0.967572	0.752191	0.945835
0.798747	0.872465	0.787397	0.561272	0.590765	0.63262	0.48697	0.76592	0.721475	0.725777
0.985447	0.661948	0.791552	0.655565	0.489234	0.577924	0.632391	0.754084	0.587764	0.602257

0.80162	0.599333	0.601799	0.704199	0.637746	0.615476	0.444208	0.768594	0.680742	0.620555
0.808886	0.554215	0.566421	0.711115	0.603164	0.805787	0.426747	0.806412	0.770391	0.699221
0.707416	0.628073	0.683671	0.618352	0.719973	0.656585	0.563558	0.755383	0.749652	1.018832
0.538484	0.693088	0.852721	0.491485	0.70723	0.656585	0.73985	0.872686	0.680742	0.735408
0.670727	1.036019	0.554971	0.658643	0.59692	0.772368	0.704849	0.822816	0.608295	0.621491
0.612917	0.846346	0.664559	0.989771	0.781778	0.866259	0.525876	0.771286	0.612889	0.885075
0.748767	0.65988	0.629643	0.981031	0.878552	1.032449	0.578902	0.93885	0.610127	0.834833
0.739926	0.685365	0.466222	0.704199	0.849086	0.715893	0.387612	0.691376	0.603748	0.861663
0.544023	0.602937	0.613647	0.548301	0.619644	0.745097	0.833467	0.77946	0.758604	1.005026
0.709743	0.955662	0.65328	0.730116	0.541303	0.776407	0.864153	0.77946	0.52308	0.665819
0.837662	1.056091	0.622985	0.949737	0.577014	0.76047	0.53519	0.852697	0.634674	0.806685
1.005717	1.016833	0.797155	0.857587	0.588153	0.906316	0.718992	1.226663	1.012978	0.993847
0.605514	0.798395	0.655309	1.163925	0.924988	0.874659	0.590331	1.016936	0.636621	0.674196
0.425574	0.542253	0.88256	0.882721	0.641655	0.791549	0.622686	0.694758	0.681824	0.631916
0.472252	0.735136	0.561477	0.595502	0.520018	0.817524	0.743638	0.63957	0.553413	0.488609
0.685916	0.993985	0.647249	0.824678	0.749148	1.269961	0.64433	0.678106	0.582564	0.73298
1.008029	1.071779	0.869045	1.267678	0.760614	1.214632	0.794708	0.984881	0.6939	1.209472
0.974581	0.833852	0.65328	0.947729	0.910164	1.027597	0.630432	0.923251	0.682908	1.24734
0.488062	0.694203	0.747898	0.900324	0.739204	0.911825	0.521292	1.089159	0.950403	0.95583
0.426789	0.887878	0.756799	0.829229	0.581265	0.992843	0.738595	1.127264	0.52534	0.629048
0.678255	0.847933	0.650254	0.91867	0.585557	0.872966	0.565237	0.661021	0.531423	0.821272
0.807423	0.860844	0.506164	1.082967	0.463735	0.76047	0.639316	0.755383	0.752191	1.224225
0.709743	0.688658	0.245184	0.644461	0.602266	0.676542	0.591223	0.778087	0.604654	0.773555
0.429839	0.589576	0.37944	0.644461	0.462434	0.723012	0.68557	0.860914	0.783874	0.812461
0.482497	0.806991	0.608138	0.935871	0.505428	0.94443	0.759126	0.950928	0.707468	0.892003
0.591966	0.85434	0.57818	0.733774	0.728282	1.047337	0.693405	0.775354	0.563189	0.81101
0.523796	0.649688	0.528361	0.838478	0.571968	0.819014	0.710686	0.897233	0.59391	0.9062
0.733719	0.741312	0.531409	0.95992	0.915664	0.68304	0.722601	1.028984	0.690573	0.963996
0.661237	0.741312	0.583319	0.762884	0.784497	0.779121	0.589441	0.867602	0.897495	0.589892
0.665429	0.830784	0.681506	0.633634	0.617782	0.934584	0.80045	0.763262	0.595683	0.551579
0.566913	0.687557	0.430251	0.66696	0.658673	0.801466	0.650425	0.768594	0.529894	0.668941
0.565237	0.629994	0.569748	0.80261	0.561232	0.753998	0.618864	0.859258	0.61567	0.853598
0.826837	0.571536	0.741651	0.882721	0.802601	0.659676	0.604824	0.718003	0.548606	0.719864
0.68043	0.805547	0.826305	0.694027	0.669004	0.557022	0.604824	0.888306	0.769065	0.546034
0.777787	1.07445	0.982449	0.634607	0.508307	0.74384	0.83036	0.693628	0.602845	0.596031
0.920188	0.649688	0.560658	0.645459	0.812671	0.628751	0.691152	0.694758	0.476806	0.750267
0.783279	0.550993	0.538344	0.67437	0.721151	0.657613	0.764414	0.719198	0.722662	1.084316
0.683713	0.499583	0.737945	0.537261	0.666918	0.44725	0.707174	0.535496	0.661725	0.926509
0.660195	0.617656	0.639336	0.611832	0.740434	0.477438	0.601155	0.768594	0.708618	0.525285
0.675013	0.642693	0.660423	0.498549	0.5275	0.662789	0.882962	0.595086	0.644497	0.573655
0.705102	0.583479	0.564766	0.642472	0.496201	0.735142	0.852594	0.691376	0.68947	0.863294
0.776425	0.660913	0.773828	0.924328	0.531291	0.721817	0.775187	0.654783	0.815099	0.561252
0.747493	0.640715	0.905462	1.114151	0.716461	0.645437	0.838171	0.545813	0.800627	0.569481
0.910822	0.789965	0.729419	0.752536	0.717628	0.390849	0.713043	0.890077	0.766426	0.683817
0.85687	0.823208	0.967588	0.811303	0.630032	0.55054	0.622686	0.523126	0.597462	0.677379
0.994339	0.590454	0.618291	0.781609	0.788609	0.590084	0.696806	0.354662	0.605561	0.768271
0.866803	0.69532	0.771164	0.599078	0.783135	0.548935	0.638319	0.555559	0.743369	0.620555

0.907132	0.569019	1.025556	0.617415	0.677449	0.548935	0.818148	1.100531	0.895719	0.932217
0.836099	0.614858	0.688035	0.695145	0.804026	0.538642	0.681155	1.250409	0.794971	0.634803
0.713256	0.787191	0.846359	0.597286	0.806889	0.755285	0.827274	0.775354	0.911965	0.549987
0.709743	0.600231	0.894742	0.617415	0.740434	0.720626	0.884713	0.658932	0.897495	0.765653
1.03185	0.548592	0.777855	0.589314	0.923107	0.474728	0.697946	0.626803	0.796378	0.722219
0.683713	0.569019	0.759376	0.62784	0.883664	0.547336	1.036479	0.521604	0.675376	0.560438
0.570284	0.851125	0.886006	0.857587	0.932594	0.517268	0.917503	0.881295	0.6939	0.528297
0.957743	1.402788	0.727014	0.805488	1.104485	0.67014	0.653506	0.72766	0.753466	0.420458
1.175673	0.847933	0.886006	0.731332	1.087715	0.883223	0.862483	0.516319	0.839307	0.595148
0.97244	0.576614	0.988978	0.920548	0.958276	0.641453	1.041484	0.572305	0.864944	0.816844
0.96608	0.591334	0.67295	0.556362	0.686062	0.666974	0.796136	0.755383	0.97309	0.348384
1.062275	0.637765	0.692444	0.609987	0.727085	0.62683	0.738595	0.545011	0.816573	0.540559
1.136568	0.670318	0.849528	0.616479	0.832016	0.747622	0.771116	0.560515	0.549403	0.644568
1.024566	0.531378	0.869045	0.507908	0.806889	0.768365	0.708341	0.539435	0.501823	0.512712
1.146019	0.612078	0.949198	0.703057	0.839692	0.413125	0.80045	0.588834	0.612889	0.861663
1.103573	0.735136	0.792946	0.60815	0.781778	0.532427	0.919399	0.707388	0.75092	0.723402
0.810354	0.750108	0.818832	0.689581	0.724702	0.55458	0.746181	0.690255	0.71325	0.521549
0.721566	0.935748	0.776508	0.649473	0.804026	0.636523	0.744907	0.66312	0.742123	0.676315
0.828367	0.844764	0.920181	0.705344	0.910164	0.861297	0.779297	0.602343	0.587764	0.900821
0.761718	0.740069	0.829331	0.709955	1.703139	0.807237	0.765746	0.519331	0.725048	1.047834
0.866803	0.806991	0.838536	0.63656	0.701559	0.5603	0.978337	0.789197	0.856769	0.672086
0.816276	0.676703	0.898286	0.684087	0.488544	0.438464	0.911863	0.86929	0.619404	0.589892
0.611054	0.694203	0.646252	0.83229	0.717628	0.655559	0.782058	0.802044	0.619404	0.770905
0.773714	0.616721	0.587648	0.538821	0.702687	0.717071	0.540718	0.476208	0.782507	0.683817
0.887376	0.591334	0.88428	0.680824	0.842801	0.557022	0.722601	0.535496	0.77708	0.682737
0.563568	0.703225	0.719876	0.543535	0.784497	0.482909	0.976166	0.757994	0.744618	0.613143
0.512541	0.607483	0.666641	0.648466	0.608588	0.518013	0.718992	0.737538	0.880059	0.523787
0.667541	0.862485	0.529882	0.847928	0.678517	0.639474	0.675699	1.007534	0.774392	0.483127
0.88041	0.891378	0.574788	0.505007	0.811219	0.866259	0.72381	0.714436	0.623172	0.457349
0.837662	0.594871	0.769839	0.461043	0.703818	0.807237	0.621727	0.520087	0.546222	0.571146
0.441002	0.501728	0.76067	0.557993	0.811219	0.63262	0.64534	0.604177	0.692788	0.445949
0.432295	0.380589	0.67401	0.840038	0.551552	0.597189	0.570311	0.402738	0.579987	0.455428
0.629079	0.762991	0.708235	0.812769	0.484423	0.543362	0.64534	0.451603	0.515632	0.473696
0.763035	0.766932	0.833909	0.529543	0.606772	0.558658	0.527414	0.56637	0.619404	0.528297
0.842385	0.608398	0.812945	0.537261	0.680659	0.676542	0.634358	0.525418	0.692788	0.886797
0.795894	0.671375	0.65126	0.541958	0.550755	0.464055	0.794708	0.659975	0.715584	0.502625
0.651949	0.685365	0.629643	0.472294	0.501856	0.430462	0.819656	0.610655	0.604654	0.547611
0.776425	0.827738	0.660423	0.56045	0.461785	0.544947	0.578902	0.740043	0.683995	0.634803
0.750045	0.872465	0.718698	0.475659	0.547582	0.686325	0.640314	0.690255	0.759898	0.624309
0.845563	0.677776	0.721058	0.572103	0.81706	0.684132	0.716602	0.665229	0.747128	0.715191
0.961891	0.534457	0.662486	0.911238	1.048421	0.645437	0.765746	0.615343	0.744618	0.424604
0.590191	0.673498	0.916454	1.041266	1.017024	0.721817	0.702536	0.764589	0.968876	0.562886
0.698233	0.840054	0.752962	0.881	1.063715	0.874659	0.919399	1.226663	0.908302	0.915314
0.912679	0.840054	0.524582	0.657614	0.950211	0.915536	0.759126	1.048982	0.816573	0.915314
0.882141	0.666113	0.612724	0.660707	0.590765	0.864599	0.673536	0.605096	0.794971	1.025903
0.834542	0.894908	1.013791	0.812769	0.701559	0.77103	0.83036	0.849453	0.577426	0.571146
0.737433	0.968064	0.829331	0.774828	0.657653	0.742587	0.870899	0.948891	0.869924	0.617761

1.292325	0.896683	0.638357	1.019457	0.694849	0.776407	0.748739	0.799156	0.749652	0.915314
1.349451	1.319932	0.677207	0.756388	0.769747	1.015701	0.677874	0.899041	0.687271	0.836366
0.843971	1.166617	0.678277	0.889677	0.689337	0.879777	0.757814	0.917543	0.729858	0.900821
0.548023	0.855957	0.690234	1.033874	0.584695	0.733914	0.714226	0.636591	0.611046	0.687072
0.662281	0.836942	0.666641	0.914938	0.520018	0.765718	0.725023	0.864245	0.745871	0.612225
0.983252	0.660913	0.747898	0.559629	0.57871	0.859655	0.607596	0.743827	0.628885	0.809564
1.165561	0.627116	0.596438	0.730116	0.636774	0.791549	0.639316	0.897233	0.588637	0.963996
0.868481	0.926123	0.914603	0.981031	0.824474	0.753998	0.592117	0.793437	0.501823	1.023533
0.883879	0.579176	0.707087	0.758975	0.731892	0.704281	0.513759	0.488701	0.483612	0.708275
0.746223	0.662985	0.820316	0.526494	0.599585	0.56693	0.675699	0.50084	0.369635	0.599578
0.823793	0.655775	0.700267	0.60359	0.542083	0.584831	0.722601	0.591503	0.626972	0.668941
0.896245	0.428089	0.717523	0.731332	0.65259	0.594511	0.742372	0.51184	0.600145	0.602257
0.750045	0.488323	0.773828	0.472965	0.597806	0.678697	0.642317	0.427706	0.644497	0.643582
0.681522	0.555024	0.636406	0.471624	0.802601	0.613612	0.741109	0.401585	0.543852	0.558004
0.673938	0.778974	0.508333	0.544326	0.755481	0.618287	0.64534	0.477579	0.445545	0.459279
0.594642	0.729047	0.594666	0.505007	0.604964	0.69859	0.708341	0.521604	0.601043	0.621491
0.658119	0.60657	0.573101	0.679742	0.66796	0.651482	0.807737	0.824339	0.819537	0.710568
0.76568	0.808441	0.694665	0.67224	0.697074	0.601689	0.586782	0.743827	0.770391	0.596031
0.569439	0.694203	0.600005	0.874181	0.571968	0.608068	0.659732	0.508142	0.550202	0.390839
0.434765	0.564856	0.360465	0.756388	0.535114	0.720626	0.516757	0.674851	0.635646	0.335108
0.46822	0.501728	0.335414	0.772146	0.494099	0.845152	0.595709	0.648634	0.61567	0.526036
0.5545	0.530611	0.486423	0.648466	0.473623	0.711211	0.516757	0.651698	0.665879	0.498372
0.54722	0.678852	0.509059	0.446271	0.418591	0.710048	0.506354	0.60143	0.628885	0.514905
0.538484	0.510412	0.628686	0.534931	0.427492	0.649457	0.703691	0.583546	0.572347	0.567823
0.648897	0.501012	0.462944	0.359036	0.615003	0.759168	0.676785	0.752789	0.618468	0.571981
0.57539	0.436023	0.476878	0.416972	0.461136	0.524024	0.63141	0.556381	0.479516	0.684899
0.585785	0.501012	0.65837	0.681909	0.428092	0.533199	0.603903	0.5987	0.468777	0.540559
0.476321	0.484863	0.604505	0.645459	0.44837	0.772368	0.562721	0.5987	0.493323	0.600469
0.655023	0.510412	0.57818	0.653524	0.533581	0.64344	0.741109	0.708555	0.646489	0.745257
0.684813	0.678852	0.62773	0.510097	0.737977	0.596294	0.658688	0.757994	0.666924	0.639658
0.607353	0.506048	0.606318	0.549901	0.525994	0.497608	0.567766	0.604177	0.482242	0.703724
0.595538	0.39324	0.593783	0.586688	0.626226	0.37661	0.409374	0.624872	0.60921	0.684899
0.54722	0.552601	0.769839	0.504285	0.750407	0.564431	0.413504	0.519331	0.599249	0.791186
0.500129	0.384947	0.615498	0.605408	0.808327	0.775057	0.769767	0.64257	0.681824	0.687072
0.583163	0.570695	0.551755	0.517474	0.589892	0.47338	0.934876	0.919438	0.855152	0.714031
0.657084	0.536781	0.699141	0.545118	0.517798	0.474728	0.78904	0.638575	0.479516	0.604953
0.587542	0.486244	0.707087	0.625926	0.624335	0.517268	0.713043	0.561347	0.578278	0.576179
0.542433	0.74884	0.577329	0.661743	0.560417	0.519508	0.91	0.582671	0.60921	0.696987
0.629079	0.770909	0.699141	0.716964	0.542864	0.422006	0.822687	0.886543	0.911965	0.584699
0.600044	0.70896	0.495477	0.663822	0.558792	0.54021	0.5859	0.632649	0.771721	0.744014
0.460925	0.715944	0.612724	0.534157	0.906536	0.831119	0.757814	0.583546	0.796378	0.791186
0.517008	0.792757	0.589392	0.708798	0.880249	0.727823	0.751313	0.685798	0.866598	0.615908
0.742434	0.996216	0.89651	0.981031	0.842801	0.763086	1.029076	0.748925	0.883491	0.604053
0.721566	0.664025	0.835446	1.010105	0.630989	0.648449	0.844522	1.01221	0.745871	0.506201
0.684813	0.733911	0.634463	0.791283	0.812671	0.906316	0.767082	0.68029	0.831596	0.825745
0.750045	0.976534	0.685848	0.879285	0.642638	0.817524	0.72381	0.648634	0.688369	0.63771
0.834542	1.099254	0.514172	0.733774	0.615927	0.685227	0.776553	0.662069	0.747128	0.557195

0.780524	0.835395	0.688035	0.659674	0.552351	0.630681	0.701384	0.76592	0.557459	0.61869
0.945529	0.691976	0.610884	0.649473	0.69596	0.613612	0.613193	0.902679	0.655566	0.799572
0.798747	0.652721	0.705943	0.720512	0.733102	0.8373	0.838171	0.897233	1.059479	1.158223
0.760406	0.52002	0.914603	0.830757	0.686062	0.85639	0.728683	0.932934	0.799206	0.883361
0.708578	0.65988	0.5574	0.609067	0.81706	0.858019	0.557734	0.756687	0.588637	0.63577
0.814788	0.804107	0.596438	0.589314	0.651585	0.623963	0.633373	0.627772	0.56983	0.819791
0.882141	0.636786	0.690234	0.62402	0.77372	0.639474	0.602069	0.750209	0.944416	0.751529
0.528381	0.703225	0.730627	0.715788	0.830497	0.819014	0.743638	1.211524	1.100066	0.890261
0.876968	0.784434	0.501858	0.772146	0.814129	0.747622	0.862483	0.879559	0.753466	0.691451
0.769679	0.746316	0.660423	0.761577	0.832016	0.669082	0.902623	0.778087	0.863297	0.571981
0.665429	0.762991	0.841649	0.707643	0.779075	0.742587	0.709512	0.685798	0.901067	1.007297
0.597335	0.727839	0.635433	0.749987	0.850672	0.67014	0.942826	0.759305	0.82402	0.873212
0.681522	0.654754	0.716351	0.911238	0.64461	0.671201	1.062105	0.576594	0.754745	0.494161
0.945529	0.562377	0.68694	0.865805	0.416248	0.742587	0.670311	0.740043	0.895719	0.529054
0.814788	0.707807	0.833909	0.593725	0.659695	0.940465	0.583263	0.813792	1.00607	0.73298
1.019776	0.765615	0.874064	0.743679	0.554755	0.747622	0.849347	1.041374	0.82402	0.78432
0.889136	0.635809	0.72343	0.613685	0.507585	0.79015	0.53834	0.897233	0.75092	0.629048
0.805965	0.609315	0.700267	0.44501	0.468321	0.669082	0.543108	0.877831	0.895719	0.860038
0.657084	0.755215	0.671892	0.579764	0.785863	0.479482	0.612255	1.059338	0.833127	0.800985
0.734954	0.77358	0.716351	0.618352	0.788609	0.598085	0.604824	0.767255	0.590388	0.888526
0.699371	0.651708	0.843213	0.733774	0.724702	0.533199	0.775187	0.764589	0.50686	0.683817
0.863467	0.652721	0.735492	0.63656	1.033648	0.713546	0.827274	0.764589	0.698376	1.115298
0.615726	0.805547	0.910923	0.862499	1.045924	0.67014	0.752605	1.146046	0.901067	1.311159
0.665429	0.882679	0.76067	0.827707	0.902938	0.730249	0.68557	0.751497	1.015305	1.089787
0.689241	0.777619	0.772494	0.712279	1.012389	0.8696	1.106539	0.591503	0.936559	0.791186
0.633949	0.57832	0.976018	0.82619	1.033648	0.718253	0.884713	0.670548	0.629844	0.751529
0.616666	0.877542	0.827815	1.007798	1.090466	0.673329	0.561886	0.530816	0.550202	0.750267
0.957743	0.943604	0.752962	0.792683	0.795549	0.614543	0.767082	0.617232	0.551003	0.672086
0.939548	0.935748	0.621101	0.62402	0.663808	0.63165	0.612255	0.634615	0.837754	0.483127
0.571979	0.69869	0.628686	0.531844	0.407572	0.509882	0.64534	0.427095	0.700631	0.65964
0.631995	0.875843	0.656327	0.522713	0.550755	0.551345	0.591223	0.509618	0.774392	0.692552
0.629079	0.756502	0.611803	0.60815	0.413917	0.533973	0.891789	0.591503	0.845576	0.679515
0.590191	0.605659	0.470852	0.665911	0.339841	0.531656	0.952972	0.630692	0.739642	0.630002
0.6686	0.662985	0.587648	0.55312	0.4251	0.480165	0.68891	0.617232	0.678588	0.436672
0.565237	0.612078	0.508333	0.656588	0.519276	0.56693	0.48697	0.438862	0.649494	0.644568
0.488062	0.811354	0.408977	0.663822	0.741669	0.521008	0.57717	0.492237	0.89219	0.53669
0.559423	0.532146	0.659396	0.687375	0.560417	0.658643	0.710686	0.599608	0.803483	0.660664
0.661237	0.612078	0.600901	0.701918	0.498313	0.669082	0.80335	0.621991	0.844	0.757892
0.678255	0.778974	0.749159	0.552313	0.684976	0.76047	0.411729	0.635602	0.629844	0.5978
0.615726	0.776269	0.775166	0.620233	0.897596	0.735142	0.566078	0.527723	0.665879	0.619622
0.805965	0.922332	0.709385	0.701918	0.651585	0.747622	0.948885	0.626803	0.799206	0.603154
0.702801	0.943604	0.860806	0.870811	0.504711	0.634567	0.891789	0.563015	0.614741	0.552377
0.501571	0.846346	0.645257	0.718144	0.605867	0.615476	0.553622	0.617232	0.442414	0.45288
0.628111	0.893139	0.600005	0.697391	0.794152	0.791549	0.352743	0.478265	0.511224	0.508361
0.655023	0.867446	0.630603	1.041266	0.57871	0.553769	0.521292	0.422234	0.806358	0.696987
0.941533	1.077137	0.773828	1.167233	0.524492	0.648449	0.73114	0.685798	1.067298	0.734192
1.133462	0.870785	1.040108	1.014756	0.557981	0.795771	0.824211	1.038868	0.979489	0.856806

1.186025	0.933806	0.855937	0.847928	0.647586	1.092523	0.96547	1.460856	1.059479	0.982949
1.070227	1.283765	0.886006	2.034265	1.404377	1.575056	0.554441	1.024125	1.458246	1.734386
1.186025	1.128126	1.961948	1.226645	1.172193	1.01336	0.760442	1.193313	1.422122	1.385999
1.01269	1.611081	1.281098	1.253872	1.130921	0.853338	0.80689	0.818502	1.851808	1.646706
1.55349	1.000714	1.434071	1.561403	0.946234	0.899786	0.830114	1.042671	1.255227	0.627614
1.359748	1.620397	0.716351	1.235422	1.521057	0.931868	2.216871	1.274175	1.392336	0.886437
0.767009	1.726539	1.106611	2.086152	1.543961	1.165738	0.917503	1.293122	1.66061	0.94855
0.922086	0.844547	1.053409	1.768364	1.350957	1.073129	0.980519	0.949011	1.010663	0.979606
1.078326	1.000206	1.026807	1.455443	1.559929	1.026824	0.49026	0.888023	0.827035	1.209472
1.720082	1.238494	2.797267	1.507686	1.660104	1.265675	0.98085	0.911449	0.71325	1.124146
2.094315	1.939501	0.88428	1.632818	1.506106	1.504526	0.934876	2.518395	1.198311	1.10821
1.010353	1.939501	1.035203	0.959741	1.256466	2.800093	1.130586	1.941159	1.475399	1.315035
0.907132	1.611081	1.1009	1.029706	0.821493	1.139827	1.179611	1.30038	1.650419	1.710752
1.024566	1.096427	1.037649	1.02421	0.627174	1.241416	1.307419	1.776937	1.29334	1.388288
1.162243	0.821709	0.820316	0.823171	0.970662	1.274196	1.411918	2.289368	0.864944	1.483235
0.994339	0.656798	0.593783	0.893197	1.326524	0.783224	0.877751	0.857609	0.895719	1.089787
0.671795	0.855957	0.808581	1.031438	0.781778	0.805787	0.70601	0.746369	0.687271	0.927197
0.624263	0.972278	1.032771	1.108312	0.66796	1.20364	0.767082	1.048982	0.56816	2.181933
0.507388	0.687557	0.857554	0.804047	0.850672	1.680472	1.075508	1.481135	0.699502	1.722408
0.710911	0.677776	0.843213	0.682997	0.627174	0.884957	0.978337	0.978309	0.75092	1.425891
0.7276	0.572378	0.527603	0.514508	0.605867	0.72421	0.506354	0.646603	0.93851	1.095328
0.656053	0.750108	0.476205	0.486607	0.788609	0.841994	0.465063	0.913779	0.990367	0.998284
0.490871	0.394917	0.663521	0.889677	0.621514	0.761776	0.637326	1.133435	0.669022	1.023533
0.751327	0.526799	0.700267	0.747453	0.727085	0.864599	0.718992	0.737538	0.848745	1.408344
0.721566	0.778974	0.746642	0.638522	0.821493	0.835746	0.886472	0.502291	0.667972	1.271754
0.688129	0.632892	0.820316	0.692911	0.729482	0.660711	0.678965	0.833587	0.75092	1.076236
0.548827	0.802672	0.636406	0.529543	0.690434	0.613612	0.652476	0.839864	0.836206	0.770905
0.643857	0.761686	0.64925	0.820174	0.622452	0.557022	0.696806	0.712074	0.632736	0.776221
0.987653	0.641703	0.607227	0.625926	0.64461	0.320578	0.357929	0.61818	0.665879	0.58556
0.794474	0.655775	0.663521	0.466963	0.648582	0.462739	0.45256	0.456807	0.53837	1.0404
0.606433	0.493214	0.5574	0.643465	0.699311	0.439709	0.595709	0.61818	0.679664	0.776221
0.495832	0.51482	0.636406	0.612758	0.677449	0.509151	0.556909	0.797719	0.762497	0.617761
0.491577	0.547794	0.685848	0.650482	0.595152	0.715893	0.738595	0.654783	0.773054	0.806685
0.652971	0.851125	0.794344	0.519711	0.593392	0.408461	0.5859	0.659975	0.851936	0.734192
0.57539	0.540682	0.48299	0.333947	0.360408	0.458164	0.714226	0.416233	0.554219	0.745257
0.760406	0.386044	0.394794	0.291703	0.411599	0.30249	0.482082	0.55803	0.64849	0.556388
0.64486	0.641703	0.715182	0.492186	0.538198	0.268429	0.522053	0.436983	0.697252	0.516373
0.761718	0.717119	0.52308	0.597286	0.529013	0.44852	0.597517	0.490112	0.845576	0.537461
0.645866	0.560732	0.574788	0.304269	0.335453	0.270112	0.474512	0.436358	0.775734	0.347885
0.706258	0.586952	0.724621	0.294811	0.290784	0.226427	0.561053	0.32857	0.514158	0.622428
0.677172	0.44852	0.533708	0.332973	0.447741	0.327259	0.662879	0.673771	0.63177	0.57787
0.748767	0.478704	0.441913	0.492186	0.467663	0.487754	0.775187	0.643575	0.670074	0.648536
0.780524	0.386044	0.435123	0.567071	0.337885	0.355062	0.682255	0.535496	1.039289	0.695874
0.84716	0.502445	0.415368	0.429548	0.399628	0.35455	0.600243	0.551472	1.059479	0.579567
0.923992	0.823208	0.580742	0.416972	0.558792	0.635544	0.592117	0.435734	0.789387	0.761755
1.017401	0.693088	0.669784	0.485915	0.771067	0.533199	0.870899	0.573159	0.602845	0.477713
0.955683	0.77358	0.582458	0.649473	0.919369	0.708889	1.227094	0.778087	0.574879	0.504767

0.730037	0.756502	0.843213	0.566237	0.910164	0.619228	0.934876	0.8274	0.757313	0.665819
0.894457	0.833852	1.000081	0.515988	0.894071	0.684132	0.804807	0.754084	1.029536	0.70942
0.890902	0.677776	1.020812	0.725288	0.875178	0.706579	1.298229	1.005215	0.871597	0.902607
0.983252	0.690867	0.860806	0.668011	0.769747	0.511349	0.711863	0.810825	0.765113	0.666857
0.732488	0.467303	0.663521	0.664865	0.759325	0.777762	0.57287	0.764589	0.893951	0.852003
0.60186	0.434179	0.552557	0.570419	1.007803	0.895505	0.891789	1.193313	0.698376	0.836366
0.903472	0.591334	0.714016	0.640492	1.285737	0.992843	0.680059	1.11221	1.198311	1.011874
0.658119	0.608398	0.797155	0.82167	1.199689	0.94443	0.804807	1.302193	0.981643	1.011874
0.779154	0.621415	0.797155	0.955818	1.012389	1.118495	0.752605	0.908193	0.59391	0.998284
0.808886	0.675632	0.690234	0.738698	0.654608	1.210937	0.812168	1.130338	0.761196	0.837904
0.706258	0.628073	0.494774	0.733774	0.714134	0.917403	0.793284	1.316164	0.738407	0.76435
0.565237	0.723042	0.496181	0.647461	0.894071	0.904496	0.767082	1.146046	1.129398	0.633838
0.536131	0.788576	0.799983	0.82167	0.646591	1.025192	1.046548	0.883037	1.03683	1.243401
0.494409	0.70896	0.764576	0.872493	0.615003	1.004121	0.923217	0.799156	1.381357	1.078913
0.645866	0.700952	0.593783	2.034265	0.811219	0.872966	0.670311	1.024125	1.10866	1.005026
0.578827	0.558277	0.622985	2.294258	1.056001	1.011032	1.592403	1.275529	1.170754	0.856806
0.97031	0.85273	0.864083	1.578187	1.185723	0.962737	1.610684	1.106331	0.98817	0.788427
0.963981	1.131631	1.248073	0.891433	0.987745	1.054977	1.367059	0.670548	0.902865	1.483235
0.697099	0.85273	1.118265	0.711115	1.834152	0.888445	0.859161	0.800598	0.795201	0.690352
0.883879	0.801241	1.142554	0.949737	1.421774	0.759168	0.728683	0.391898	0.948398	0.789804
1.100695	0.937699	2.107417	0.998691	1.066317	0.735142	0.869202	0.635602	0.71793	0.966061
1.81295	1.354255	1.317337	1.28042	1.074218	0.872966	1.215667	1.72542	1.201882	1.344487
1.59622	1.475237	1.705121	0.849523	1.098823	0.888445	0.605746	0.686907	1.288937	1.00052
1.708299	1.116615	1.193779	0.933926	0.932594	0.69521	1.024211	1.15575	0.932684	1.302088
1.81295	1.270943	1.155197	1.459192	1.471893	0.966804	1.089981	3.398004	0.809253	1.227993
1.75748	1.311849	1.291396	1.36581	1.001014	1.374267	1.173739	2.054543	0.515632	0.850414
1.352755	1.332302	1.440224	1.328603	1.882637	1.257497	1.083754	1.128746	2.02694	2.846875
1.931234	1.105494	1.048792	2.842799	1.146056	1.078274	1.072795	1.10625	1.209113	2.457837
0.878685	0.99209	1.020441	1.034616	0.906536	1.075534	0.752605	1.690434	0.888689	1.557325
1.31995	0.704657	1.485927	0.963488	2.230566	1.083847	1.092159	0.707388	0.66276	1.710752
0.530629	0.617643	0.308821	0.386027	0.674758	1.592416	1.779737	1.036376	0.944416	0.972317
0.265314	1.061258	0.463232	0.154411	0.530392	1.407673	3.09648	1.089159	1.184314	0.873212
0	1.512552	1.85317	0.077205	0.342401	1.042317	1.065738	0.591503	1.243232	0.869881
0	0	0	1.613834	0.038603	0.190502	3.56232	0.799156	1.280261	0.573655
0	0	0	0	0.019301	0.577661	1.179611	0.879559	1.451823	1.656746
0	0	0	0	1.206844	0.964819	0.975976	2.054543	1.297789	1.339566
0	0	0	0	0	0.754228	0.987132	1.211524	1.340024	0.873212
0	0	0	1.522081	0.710887	0.775899	0.79757	1.4952	3.23588	0.985107
0	0	1.716679	1.946049	1.421774	2.20234	1.055137	1.275168	1.640463	1.799798
0	0	2.16921	1.276348	1.203634	1.312704	1.906886	1.251452	0.932684	1.161395
0	0	0	0.565461	1.130921	1.258169	1.57486	1.211524	1.227736	1.025903
0	0	1.529334	0.28273	0.212048	1.659304	1.118396	1.204147	1.09368	1.161458
0	0	1.228609	0.141365	0.247389	0.88131	1.02649	0.513245	0.723461	0.361731
0	1.038478	0.480993	0.721489	0.828036	0.934584	1.190117	0.933678	0.782164	0.542596
1.006043	1.432295	0.988463	0.961986	1.240585	1.309654	2.299687	1.96159	0.840866	1.311159
2.041156	1.014941	1.017165	1.824919	0.942293	1.25405	1.267515	1.297633	1.320744	0.72104
1.023839	1.01939	1.446466	0.979729	1.161488	1.550251	0.746181	2.140199	1.671045	1.235629

[illegible]

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0.057582	0.028791	0.014395	0	0	0	0	0	0	0
2.182911	1.134633	0.92699	1.386567	0.334523	0.167261	0	0	0	0
0.538653	0.346631	0.514602	0.669045	0.75506	1.077768	1.547674	0.348105	0	0
0.505844	0.366768	0.610644	0.601487	0.362626	0.47163	0.696209	1.317444	2.276883	0.556935
0.693316	0.752384	0.679221	0.5919	0.337921	0.632761	0.955028	0.938259	0.658549	0.744899
0.804925	0.881163	0.86898	0.561124	0.47242	0.877764	0.933216	0.605609	0.505256	0.535989
0.703384	0.748644	1.540592	1.52452	1.188087	0.755418	0.855507	0.42187	0.817008	0.746149
0.609135	0.754895	1.151377	1.308138	0.929158	0.619249	0.650514	0.556175	0.650455	0.968381
0.583488	0.68523	0.615072	1.121473	0.628243	0.694834	0.736085	0.599227	0.547421	0.946005
0.415989	0.779509	0.552974	0.617646	0.547331	0.557354	0.451044	0.470862	0.617643	0.748659
0.444964	0.837912	0.682328	0.63538	0.513004	0.680374	0.311624	0.556995	0.487677	0.447025
0.585209	0.738824	0.622252	0.638248	0.348839	0.449861	0.436014	0.503005	0.538809	0.38833
0.598338	0.443807	0.563121	0.566782	0.60316	0.668505	0.552508	0.846037	0.627039	0.693198
0.771896	0.446275	0.426095	0.459238	0.595998	0.68147	0.495984	0.768671	0.648455	0.954009
0.538653	0.446894	0.392306	0.380994	0.638892	0.385958	0.600997	0.560293	0.659572	0.767962
0.446214	0.488483	0.655139	0.520523	0.66204	0.422436	0.456817	0.415301	0.550596	0.481
0.429632	0.469143	0.592525	0.467574	0.526411	0.518742	0.480709	0.409415	0.685949	0.475597
0.491019	0.62521	0.43659	0.617646	0.515209	0.438432	0.629833	0.408247	0.549006	0.481
0.307068	0.475053	0.400374	0.595362	0.467769	0.546771	0.412065	0.538505	0.402252	0.391084
0.41366	0.417544	0.426672	0.706661	0.399984	0.575014	0.335373	0.494388	0.402819	0.433414
0.402196	0.572486	0.378666	0.463707	0.401684	0.488176	0.377911	0.441564	0.533417	0.589264
0.644222	0.357086	0.426095	0.438771	0.545746	0.545968	0.493869	0.444723	0.366413	0.539085
0.693316	0.423375	0.472242	0.56354	0.456032	0.39778	0.425674	0.634079	0.42253	0.517861
0.448726	0.375617	0.452211	0.431561	0.540245	0.373909	0.537478	0.632122	0.418986	0.682259
0.482088	0.498137	0.690722	0.384188	0.409704	0.386514	0.389922	0.464842	0.565175	0.71828
0.462154	0.339798	0.475457	0.324386	0.431642	0.331731	0.436014	0.343371	0.520592	0.442026

0.386638	0.381441	0.413044	0.309288	0.632085	0.309283	0.503828	0.420069	0.307526	0.367429
0.361715	0.386264	0.441337	0.293394	0.459909	0.351794	0.545324	0.324695	0.32046	0.398326
0.456348	0.632749	0.38912	0.540732	0.480511	0.503919	0.67864	0.258354	0.381258	0.287816
0.438766	0.601573	0.415848	0.497729	0.501424	0.529429	0.568912	0.387191	0.249263	0.319899
0.372675	0.511591	0.303021	0.616732	0.43592	0.583683	0.413232	0.437179	0.291005	0.429172
0.403329	0.488483	0.326191	0.492213	0.348839	0.441576	0.505269	0.429763	0.374303	0.455273
0.420096	0.443807	0.408042	0.561124	0.323935	0.642677	0.568912	0.527624	0.520592	0.536761
0.51749	0.49744	0.459615	0.546129	0.343842	0.553253	0.37899	0.461533	0.409098	0.403981
0.453793	0.37143	0.470325	0.493586	0.309467	0.380988	0.363611	0.525327	0.286212	0.429172
0.446841	0.462027	0.380737	0.484068	0.391585	0.39721	0.37845	0.340369	0.42253	0.447654
0.42903	0.544449	0.416411	0.456705	0.273369	0.343658	0.492465	0.54725	0.467482	0.578073
0.493804	0.414083	0.475457	0.425055	0.270423	0.489584	0.375227	0.54725	0.339632	0.340548
0.552823	0.471104	0.325734	0.374675	0.357981	0.556531	0.440966	0.273479	0.334759	0.436471
0.492409	0.507297	0.365442	0.381524	0.481874	0.458307	0.36309	0.326624	0.355095	0.558955
0.510901	0.422203	0.429566	0.472784	0.420238	0.427295	0.418521	0.389978	0.26301	0.348489
0.420096	0.467841	0.389649	0.388483	0.38389	0.363238	0.360496	0.471536	0.33042	0.417273
0.520451	0.460746	0.467147	0.329066	0.367845	0.394936	0.374158	0.560293	0.443801	0.445144
0.501556	0.516655	0.401461	0.413471	0.440862	0.464252	0.514757	0.393345	0.399431	0.685512
0.746169	0.491906	0.456515	0.456705	0.48668	0.45115	0.534379	0.407083	0.354588	0.538309
0.597451	0.471104	0.537067	0.425642	0.422019	0.456997	0.61938	0.494388	0.394955	0.605251
0.498721	0.451254	0.47675	0.392822	0.454748	0.416437	0.638576	0.774053	0.479486	0.584926
0.48073	0.570834	0.564704	0.55238	0.661007	0.616407	0.66072	0.58498	0.46814	0.58063
0.508726	0.489165	0.623158	0.557127	0.620659	0.527886	0.635642	0.450469	0.451341	0.619973
0.725439	0.446894	0.55919	0.511119	0.51008	0.507577	0.503109	0.486636	0.579409	0.726574
0.723064	0.53448	0.662026	0.479386	0.563504	0.531753	0.600098	0.567806	0.571815	0.706699
0.672797	0.48441	0.677162	0.454187	0.756342	0.586318	0.616572	0.602862	0.466168	0.618105
0.658275	0.421618	0.561545	0.558722	0.592461	0.645696	0.610091	0.49226	0.641525	0.756277
0.616485	0.445039	0.705813	0.542267	0.651824	0.567358	0.649507	0.507379	0.513222	0.778619
0.677037	0.448135	0.764445	0.68052	0.772036	0.50029	0.556552	0.521526	0.611185	0.694307
0.813591	0.602459	0.645486	0.576655	0.669337	0.344666	0.593856	0.523043	0.503823	0.56551
0.752459	0.623345	0.674093	0.525673	0.650815	0.477076	0.696209	0.500835	0.459659	0.65
0.693316	0.504458	0.774607	0.428	0.648805	0.567358	0.781357	0.413527	0.363297	0.690988
0.769253	0.545226	1.083522	0.521988	0.741196	0.427906	0.781357	0.526092	0.311641	0.538309
0.786723	0.535999	0.785012	0.613096	0.705493	0.470954	0.628872	0.487335	0.673088	0.461726
0.693316	0.532211	0.619546	0.39119	0.712402	0.514989	0.676493	0.569493	0.58197	0.647002
0.568299	0.570011	0.599339	0.447955	0.638892	0.363765	0.543743	0.472887	0.709416	0.985411
0.571629	0.42632	0.730642	0.624095	0.577741	0.357478	0.623152	0.42671	0.557824	0.866507
0.850092	0.551488	0.78633	0.555539	0.38389	0.545968	0.568077	0.591156	0.659572	0.658099
0.84223	0.771584	0.643581	0.629701	0.683223	0.643681	0.711027	0.676277	0.744059	0.596297
0.586937	0.663267	0.759452	0.655863	1.1148	0.624026	0.713352	0.617718	0.498139	0.601647
0.639312	0.59022	0.723729	0.900021	1.195085	0.76862	0.803737	0.621513	0.581115	0.796514
0.655225	0.517383	0.854838	0.728534	0.863612	0.712138	0.882183	0.617718	0.714033	0.87992
0.753728	0.571659	0.897017	0.580837	0.599564	0.493124	0.636618	0.508846	0.724605	0.570492
0.803498	0.704982	0.79031	0.574994	0.813946	0.514242	0.731199	0.491553	0.752853	0.52683
0.645211	0.665311	0.684411	0.528643	0.910445	0.578461	0.701848	0.53615	0.759244	0.665311
0.50945	0.545226	0.71918	0.65887	0.742439	0.655916	0.795208	0.481084	0.656512	0.876528
0.459564	0.68738	0.917957	0.769355	0.799522	0.6367	0.788227	0.488035	0.52809	0.574687

0.653204	0.595423	0.736489	0.701084	1.042078	0.670639	0.647499	0.394474	0.772317	0.737476
0.498721	0.699404	0.433064	0.566782	1.120704	0.647721	0.778639	0.526857	0.737886	0.688789
0.535565	0.691714	0.582501	0.557127	0.75506	0.594319	0.62505	0.420069	0.648455	0.67796
0.625851	0.627082	0.648359	0.566782	0.514473	0.507577	0.690642	0.4951	0.827429	0.733811
0.691109	0.874477	0.534102	0.645014	0.708934	0.656951	0.897942	0.686115	0.653473	0.58579
1.084039	0.805601	0.528233	0.649912	0.712402	0.657989	1.035203	0.691679	0.757958	0.637155
0.9495	0.766381	0.39659	0.817303	0.632085	0.667442	0.761374	0.592045	0.966539	0.662205
0.549634	0.535239	0.47675	0.762918	0.764118	0.793443	0.701848	0.490143	0.992188	0.652011
0.467381	0.824402	0.654164	0.783862	0.585472	0.644688	0.64153	0.532254	0.640544	0.584063
0.500137	0.8113	0.630474	0.796103	0.488756	0.573301	0.675423	0.670906	0.755398	0.632313
0.520451	0.603346	0.366947	0.83807	0.639873	0.854283	0.71922	0.713496	0.660597	0.416687
0.633492	0.624276	0.419237	0.726179	0.733817	0.78362	0.738549	0.598322	0.609358	0.478966
0.573304	0.622416	0.502072	0.670076	0.7801	0.855919	0.665914	0.665601	0.574332	0.584926
0.659296	0.771584	0.659061	0.750323	0.537908	0.579327	0.58596	0.632122	0.666798	0.715939
0.642252	0.90186	0.711333	0.836553	0.551318	0.730162	0.535926	0.698451	0.519108	0.563861
0.804925	0.605127	0.673074	0.901777	0.524147	0.765947	0.494573	0.574594	0.689225	0.61163
0.69888	0.630852	0.795673	1.148561	0.707784	0.872625	0.634668	0.66984	0.464205	0.56304
0.707935	0.778178	0.700363	0.804459	0.605876	0.616407	0.438483	0.589382	0.426702	0.631351
0.66032	0.743706	0.655139	0.710043	0.487371	0.559006	0.405131	0.51328	0.676268	0.747402
0.928094	0.691714	0.608886	0.67736	0.450281	0.796291	0.55574	0.675197	0.453883	0.496215
0.828429	0.539819	0.531158	0.593628	0.561859	0.815272	0.6241	0.763355	0.511035	0.671589
0.595681	0.649218	0.589158	0.707786	0.772036	0.67171	0.577353	0.668776	0.398308	0.930426
0.662374	0.565102	0.609764	0.567596	0.602258	0.542768	0.575651	0.567806	0.47679	0.687694
0.508004	0.487801	0.447345	0.521255	0.59867	0.598829	0.581635	0.686115	0.358665	0.61255
0.751194	0.60602	0.678191	0.564348	0.72179	0.712138	0.461361	0.656211	0.383963	0.414349
0.600119	0.659206	0.688608	0.614002	0.683223	0.539593	0.416162	0.691679	0.382338	0.65
0.540982	0.529205	0.673074	0.443645	0.736263	0.503919	0.48276	0.913304	0.612102	0.968381
0.803498	0.505166	0.738849	0.499816	0.64382	0.624026	0.503828	0.696182	0.403954	0.989775
0.976238	0.746168	0.740035	0.577488	0.762813	0.506843	0.562276	0.653126	0.48493	0.602545
0.828429	0.692805	0.977249	0.53844	0.800943	0.654883	0.677565	0.764678	0.576018	0.553299
0.672797	0.65719	0.87704	0.787904	0.728966	0.66957	0.700715	0.860662	0.615788	0.848714
0.585209	0.57748	0.787653	0.70554	0.654863	0.493835	0.6241	0.796272	0.695852	0.785414
0.720702	0.60871	0.741223	0.616732	0.631121	0.537226	0.600098	0.583232	0.676268	0.608885
0.76532	0.694993	0.822093	0.575824	0.841181	0.551624	0.693974	0.623422	0.556207	0.464989
0.496607	0.596296	0.80522	0.628762	0.821341	0.701673	0.630795	0.529162	0.469459	0.669486
0.556036	0.616881	0.693912	0.708913	0.89781	0.551624	0.677565	0.529933	0.541141	0.675826
0.530215	0.623345	0.71918	0.876157	0.615056	0.668505	0.813902	0.735227	0.698083	0.64205
0.812134	0.602459	0.61241	0.625025	0.72179	0.621153	0.663829	0.456943	0.672033	0.821086
0.705654	0.8598	0.86898	0.663928	0.889005	0.5872	0.66072	0.567806	0.68813	0.76273
0.774554	0.718667	0.838157	0.736878	0.760213	0.655916	1.081624	0.650063	0.633739	0.856711
0.812134	0.718667	0.625887	0.565969	0.689785	0.6202	0.802303	0.71232	0.742818	0.778619
0.516753	0.663267	0.616856	0.574994	0.691994	0.586318	0.603705	0.522284	0.780354	0.573004
0.548048	0.595423	0.562332	0.61129	0.676759	0.597924	0.767933	0.512538	0.456441	0.509798
0.548048	0.674632	0.534102	0.765482	0.673563	0.434688	0.799452	0.515513	0.695852	0.675826
0.778573	0.591948	0.716923	0.84419	0.456676	0.441576	0.728777	0.562783	0.835029	0.770602
0.788096	0.752384	0.668017	0.634429	0.711243	0.667442	0.738549	0.600133	0.796888	0.848714
0.62208	0.709496	0.867385	0.56354	0.796693	0.758027	0.782722	0.636045	0.722233	0.660147

0.770572	0.94452	1.107742	0.859879	0.627287	0.792026	0.858753	0.887942	0.583686	0.682259
0.902293	1.002835	0.839647	0.863086	0.616916	0.593423	0.808064	0.689445	0.948249	0.779969
0.792243	0.983224	0.724873	0.976464	0.809568	0.701673	0.753632	0.526092	0.91938	0.730178
0.600119	0.794423	0.638854	0.693394	0.645807	0.855919	0.828851	0.670906	0.767041	0.515647
0.542543	0.691714	0.609764	0.701084	0.691994	0.900767	0.594742	0.645004	0.729388	0.633277
0.488251	0.923594	0.768228	1.190937	0.739958	0.761969	0.699584	0.521526	0.811164	0.851896
0.584348	0.830355	0.706912	0.919738	0.565983	0.67602	0.816851	0.466839	0.85866	0.848714
0.812134	0.723326	0.668017	0.932767	0.58116	0.697101	0.931286	0.613021	0.835029	0.754998
0.654213	0.782183	0.687555	0.90354	0.831911	0.76862	0.771917	0.700732	0.835029	0.617174
0.633492	1.042484	0.675114	1.036898	0.659977	0.906253	0.64153	0.60745	0.60663	0.672644
0.633492	0.776851	0.728325	0.936563	0.685399	0.674939	0.788227	0.631147	0.876845	0.962164
0.701126	0.501637	0.639795	0.84419	0.482557	0.934773	0.827332	0.740208	0.952247	0.61255
0.749932	0.592814	0.496617	0.65387	0.646804	0.828916	0.946969	0.741462	0.801122	0.529102
0.653204	0.723326	0.538557	0.685838	0.663075	0.787803	0.665914	0.663496	0.53572	0.621849
1.086767	0.592814	0.537067	0.848838	0.591581	0.876044	0.71804	0.545647	0.508859	0.690988
0.937694	0.62521	0.583328	0.678411	0.478474	0.978135	0.600098	0.65828	0.824426	0.785414
0.669644	0.542128	0.732971	0.683703	0.454748	1.036127	0.626957	0.828808	0.752853	0.664273
0.752459	0.60602	0.666011	0.696673	0.645807	0.844596	0.761374	0.884437	0.472111	0.461076
0.52418	0.42045	0.728325	0.872852	0.91228	0.657989	0.656609	0.79061	0.591492	0.554102
0.583488	0.537523	0.867385	0.670076	0.507175	0.643681	0.591208	0.65828	0.62609	0.779969
0.725439	0.712912	0.919749	0.714592	0.570145	0.751535	0.591208	0.844443	0.533417	0.744899
0.666513	0.603346	0.629552	0.61491	0.67783	0.789206	0.67864	0.789205	0.607538	0.618105
0.799243	0.49605	0.568685	0.64017	0.696447	0.657989	0.777286	0.776769	0.491137	0.689887
0.544108	0.493973	0.812171	0.484741	0.67783	0.548383	0.534379	0.593829	0.60663	0.651004
0.686731	0.801376	0.910864	0.524195	0.614129	0.755418	0.539036	0.775408	0.735441	0.928517
0.634456	0.812736	0.720313	0.439377	0.69533	0.759337	0.748545	0.915173	0.684863	0.983246
0.556036	0.600689	0.60452	0.69014	0.735038	0.637691	0.71804	0.836555	0.781708	0.807904
0.712534	0.61964	0.685456	0.494274	0.717071	0.554889	0.682966	0.650063	0.538035	0.850302
0.560085	0.8598	0.581676	0.415763	0.707784	0.680374	0.59652	0.558641	0.509583	0.809349
0.688914	0.768975	0.74601	0.539967	0.821341	0.692578	0.628872	0.593829	0.501683	0.67796
0.560085	0.633701	0.540053	0.577488	0.78419	0.657989	0.760074	0.824225	0.502395	0.690988
0.603703	0.442578	0.593371	0.598851	0.546538	0.58456	0.847495	0.804906	0.635673	1.061116
0.455069	0.637528	0.576759	0.570868	0.68431	0.47163	0.709869	0.514023	0.484246	0.703284
0.568299	0.749887	0.670033	0.601487	0.887265	0.559006	0.673292	0.515513	0.366413	0.548509
0.636392	0.814177	0.557628	0.685838	0.923459	0.46692	0.899729	0.563616	0.631814	0.782683
0.642252	0.624276	0.592525	0.516157	0.769381	0.624988	0.816851	0.543253	0.558635	0.61163
0.561716	0.798581	0.662026	0.685838	0.654863	0.665323	0.808064	0.474243	0.591492	0.685512
0.500137	0.874477	0.619546	0.661897	0.609525	0.509787	0.635642	0.617718	0.660597	0.724188
0.488251	0.710632	0.564704	0.681578	0.688684	0.602471	0.65866	0.460875	0.714033	0.555714
0.612795	0.649218	0.589158	0.74416	0.675691	0.653852	0.875359	0.564451	0.676268	0.721815
0.602805	0.647248	0.625887	0.739292	0.700946	0.748965	0.931286	0.613956	0.714033	0.822576
0.581774	0.628021	0.429566	0.685838	0.464477	0.641675	0.633697	0.554539	0.768354	0.796514
0.641269	0.68738	0.351636	0.577488	0.429216	0.518742	0.635642	0.497958	0.616715	0.587524
0.820946	0.526219	0.469051	0.916086	0.519655	0.601558	0.760074	0.437802	0.664721	0.618105
0.557651	0.525476	0.648359	0.921575	0.785561	0.846196	0.834977	0.415895	0.719875	0.625625
0.523432	0.594552	0.654164	0.810121	0.475773	0.735097	0.58596	0.505186	0.950244	0.567164
0.66032	0.439521	0.432479	0.618561	0.529447	0.544365	0.515496	0.533808	0.777658	0.591888

0.690011	0.549914	0.644532	0.602369	0.527168	0.761969	0.529009	0.556175	0.593246	0.567164
0.620207	0.563478	0.79031	0.727355	0.61972	0.967411	0.439723	0.371373	0.609358	0.542204
0.757558	0.869529	0.737667	0.550808	0.679979	0.693704	0.467936	0.489439	0.665758	0.618105
0.991348	0.580841	0.662026	0.683703	0.544956	0.504648	0.5631	0.743981	0.828938	0.715939
0.648191	0.431672	0.873798	0.925274	0.724169	0.62983	0.467274	0.89863	0.68162	0.662205
0.469358	0.503045	0.862638	0.585908	0.758919	0.926982	0.568077	0.647021	0.592368	0.49271
0.652196	0.743706	0.781081	0.672145	0.725363	0.803494	0.446606	0.763355	0.701452	0.647002
0.5609	0.807019	0.823529	0.65387	0.822836	0.644688	0.632728	0.936288	0.962407	0.851896
0.774554	0.686304	0.75085	0.803055	0.679979	0.743871	0.796618	0.792018	0.632776	0.682259
0.620207	0.636568	0.830781	0.609491	0.789702	0.891775	0.531302	0.617718	0.587138	0.469598
0.707935	0.723326	0.752068	0.777208	0.896035	0.881225	0.618442	0.815202	0.660597	0.61163
0.726631	0.916228	0.571091	0.627825	0.850653	0.645696	0.865319	1.496383	0.776317	0.779969
0.623962	0.775528	0.563912	0.597976	0.774707	0.756721	0.66072	0.870692	0.545056	0.739936
0.600119	0.679899	1.04116	0.761642	1.31637	0.634726	0.62032	0.589382	0.373242	0.430985
0.694423	0.819991	1.154448	0.665967	1.16117	0.643681	0.542955	0.543253	0.387779	0.483044
0.521194	0.737612	0.862638	0.61582	0.738723	0.497409	0.546116	0.768671	0.489058	0.77593
0.70908	0.716356	0.760695	0.493586	0.584606	0.660071	0.574803	0.63802	0.911996	1.005404
0.607317	0.606915	0.806602	0.592763	0.596887	0.502464	0.709869	0.697315	0.505256	0.868161
0.455708	0.68846	0.847176	0.617646	0.702078	0.48259	0.671171	0.768671	0.448813	0.62091
0.559272	0.684158	0.788979	0.741719	0.615985	0.487474	0.761374	0.857369	0.673088	0.958067
0.312555	0.677785	0.542305	0.492213	0.652835	0.670639	0.786845	1.137897	0.794088	0.998637
0.601908	0.634654	0.667013	0.396654	0.838069	0.68147	0.866977	0.717043	0.534183	0.892007
0.804925	0.64139	0.867385	0.671109	0.923459	0.598829	0.720403	0.676277	0.539585	0.575531
0.595681	0.517383	0.651252	0.693394	0.738723	0.606144	0.839629	0.760721	0.507414	0.731385
0.647196	0.670465	0.576759	0.605915	0.669337	0.730162	0.800875	0.762036	0.53649	0.989775
0.556842	0.658197	0.671044	0.578323	0.699817	1.051278	0.839629	0.645004	0.768354	0.924725
0.535565	0.617799	0.642631	0.573339	0.91228	0.588969	0.86864	0.665601	0.883651	0.809349
0.502981	0.732798	0.500018	0.527899	0.795286	0.567358	0.670115	0.609299	0.612102	0.744899
0.904086	0.932981	0.754516	0.703306	0.541809	0.481205	0.855507	0.559466	0.765732	0.998637
0.859718	0.985359	0.627716	0.533137	0.71473	0.716872	0.923652	0.942229	0.849053	0.991974
0.562533	0.620563	0.755744	0.546905	0.635962	0.592529	0.546116	0.6331	0.776317	0.706699
0.491019	0.621488	0.526052	0.49912	0.609525	0.435932	0.527486	0.605609	0.491832	0.608885
0.681318	0.639455	0.58665	0.529389	0.593342	0.496692	0.548502	0.642997	0.554597	0.711294
0.716016	0.509439	0.516726	0.687983	0.510809	0.599737	0.925548	0.733991	0.839653	0.964226
0.520451	0.602459	0.556071	0.557924	0.688684	0.712138	0.802303	0.695052	0.825925	0.833149
0.52493	0.473733	0.582501	0.720347	0.653848	0.661117	0.919885	0.462193	0.449444	0.625625
0.416573	0.621488	0.416411	0.61491	0.806674	0.569047	0.809516	0.606529	0.375898	0.465644
0.638336	0.648232	0.644532	0.79062	0.668287	0.459621	0.991053	0.799131	0.839653	0.712451
0.616485	0.793046	0.566292	0.649912	0.55212	0.479824	0.754912	0.59742	0.698083	0.75756
0.656239	0.805601	0.706912	0.512552	0.557774	0.572447	0.700715	0.618663	0.806831	0.597184
0.614636	0.665311	0.807987	0.715737	0.585472	0.5872	0.715689	0.368703	0.570146	0.610713
0.552823	0.68738	0.571091	0.392822	0.739958	0.575873	0.818333	0.481774	0.709416	0.686602
0.552823	0.500233	0.583328	0.579997	0.456676	0.439059	0.737315	0.439053	1.031332	1.196482
0.495904	0.628021	0.573511	0.634429	0.566812	0.517989	0.696209	0.670906	0.890566	0.856711
0.594798	0.643334	0.58665	0.455444	0.59867	0.764617	0.728777	0.528392	0.673088	0.594528
0.510175	0.720991	0.616856	0.474096	0.567643	0.654883	0.86864	0.496526	0.842764	0.932343
0.541762	0.740039	0.727172	0.585059	0.758919	0.668505	0.882183	0.523043	0.863544	0.749919

0.502268	0.8598	0.540053	0.660886	0.475773	0.551624	0.688435	0.539293	0.796888	0.644024
0.442474	0.722157	0.574321	0.488121	0.391031	0.42304	0.604612	0.601951	0.799706	0.528343
0.556036	0.921741	0.641684	0.686909	0.631121	0.522529	0.71922	0.549666	0.539585	0.576377
0.436924	0.96856	0.430728	0.726179	0.816889	0.472307	0.657633	0.54725	0.643494	0.695419
0.629655	0.738824	0.679221	0.794726	0.744934	0.503191	0.748545	0.576308	0.948249	0.654031
0.991348	0.864638	0.597625	0.557924	0.48668	0.45115	0.647499	0.442825	0.871809	0.67796
0.773223	0.728036	0.596771	0.512552	0.883806	0.708622	0.499532	0.413527	0.611185	0.480321
0.826922	0.8582	0.766963	0.711175	0.986298	0.819772	0.50744	0.44663	0.516891	0.607974
0.685643	1.028073	0.640738	0.620398	0.694215	0.457651	0.579061	0.606529	0.754124	0.749919
0.602805	0.710632	0.903885	0.740504	0.592461	0.666381	0.72757	0.690561	0.97071	0.558142
0.785354	0.866262	0.600198	0.804459	0.538686	0.702824	0.760074	0.713496	1.061254	0.619973
0.607317	0.752384	0.676137	0.591039	0.64283	0.836685	0.805174	0.932372	0.777658	0.741172
0.540204	0.714057	0.641684	0.729716	0.725363	0.963194	0.803737	0.637032	0.7187	0.779969
0.385004	0.668396	0.427249	0.754064	0.717071	0.641675	0.903325	0.601041	0.751586	0.61163
0.506563	0.533722	0.513896	0.706661	0.732599	0.649755	1.084354	0.779502	0.809715	0.579776
0.82542	0.667365	0.60539	0.727355	0.49716	0.594319	0.763986	0.500114	0.956283	0.771927
0.779921	0.809868	0.735313	0.622243	0.512271	0.652824	0.72757	0.611156	0.635673	0.736251
0.579216	0.894851	0.832246	0.980663	0.428008	0.646708	0.62032	0.506647	0.480841	0.726574
0.499428	0.910784	0.641684	1.008996	0.556151	0.545968	0.773253	0.601041	0.635673	0.555714
0.778573	0.936793	0.71805	0.836553	0.574349	0.812297	0.815374	0.756801	0.677333	0.535218
0.893438	0.90186	0.572703	0.661897	0.529447	0.706293	0.674356	0.725434	0.689225	0.49271
0.90951	0.710632	0.584156	0.650898	0.67039	0.566515	0.528247	0.651081	0.71636	0.542204
0.557651	0.618718	0.748423	0.842652	0.66204	0.633743	0.54691	0.512538	0.531126	0.65
0.462804	0.934883	0.813575	0.72267	0.572663	0.691454	0.637596	0.414118	0.68162	0.577224
0.672797	0.790304	0.748423	0.934661	0.632085	0.6881	0.653551	0.47765	0.928792	0.513444
0.5325	0.776851	0.546845	0.704422	0.668287	0.591636	0.626957	0.543253	0.801122	0.595411
0.396017	0.958381	0.816396	0.925274	0.545746	0.830459	0.575651	0.623422	0.658549	0.638129
0.546468	0.651198	0.677162	1.000079	0.490842	0.822799	0.761374	0.615833	0.582827	0.52457
0.548048	0.81853	0.535582	1.011254	0.739958	0.715684	0.918013	0.688332	0.658549	0.5501
0.626799	0.893116	0.783698	1.069297	0.782822	0.925056	0.929365	1.08218	0.902938	0.758847
0.629655	0.8598	0.526052	0.801656	0.488756	0.76862	0.773253	0.956416	0.733009	0.573004
0.639312	1.007316	0.434823	0.665967	0.607697	0.852654	0.653551	0.690561	0.569313	0.564685
0.653204	0.751134	0.402006	0.71919	0.548125	0.78501	0.752354	0.608374	0.596775	0.544558
0.495203	0.698297	0.538557	0.740504	0.705493	0.626918	0.650514	0.729081	0.818482	0.61255
0.741202	0.692805	0.692846	0.948153	0.580303	0.6367	0.592972	0.58498	0.636643	0.458487
0.766627	0.679899	0.537067	0.800261	0.792485	0.597924	0.633697	0.652102	0.534951	0.68118
0.816518	0.778178	0.393907	0.71919	0.666195	0.847801	0.697331	0.60745	0.583686	0.964226
0.726631	0.710632	0.629552	0.858285	0.481192	0.864191	0.629833	0.424889	0.548213	0.938146
0.473338	0.908985	0.595068	0.811548	0.58116	0.610779	0.457463	0.626303	0.777658	0.623733
0.494503	0.763802	0.55919	0.591039	0.586339	0.830459	0.478667	0.609299	0.702581	0.555714
0.683475	0.815623	0.606261	0.580837	0.631121	0.833561	0.675423	0.875795	0.608447	0.892007
0.723064	0.900097	0.720313	0.665967	0.525655	0.710963	0.472598	0.614894	0.632776	0.976813
0.634456	0.94452	0.841143	0.927135	0.513738	0.874331	0.516977	0.589382	0.457083	0.893761
0.797834	0.893116	0.633249	0.86148	0.47242	0.942705	0.761374	0.818189	0.533417	0.886785
0.848508	0.830355	0.691782	0.708913	0.587208	1.218467	0.921764	0.789205	0.742818	0.828586
0.648191	0.567549	0.781081	0.991343	0.811022	0.923139	0.805174	1.006591	0.505974	0.71828
0.601908	0.563478	0.584156	0.851964	0.904985	0.942705	0.629833	0.623422	0.481519	0.615318

0.807795	0.723326	0.653191	0.851964	0.67039	1.210979	0.686239	0.65828	0.409674	0.770602
0.76532	0.720991	0.693912	0.691222	0.596887	0.900767	0.795208	0.807823	0.43639	0.728973
0.671743	0.996199	0.839647	0.605026	0.44586	0.689215	0.74477	0.842853	0.730591	0.731385
0.796429	0.455657	1.004742	0.715737	0.599564	0.462261	0.474611	0.582361	0.888827	0.904439
0.719526	0.380908	0.469051	0.706661	0.838069	0.632761	0.552508	0.552096	0.822932	0.778619
0.526434	0.467191	0.563121	0.685838	0.676759	0.661117	0.786845	0.882694	0.789922	0.843986
0.721881	0.624276	0.699281	0.882842	0.513738	0.765947	0.939057	0.981871	0.703713	0.708991
0.593039	0.624276	0.74361	0.672145	0.561859	0.718063	0.732415	0.724226	0.560261	1.009975
0.61556	0.593682	0.812171	0.541499	0.58116	0.631782	0.741026	0.42854	0.57771	1.033578
0.803498	0.498137	0.521005	0.61129	0.765428	0.460279	0.542169	0.504458	0.567653	0.83468
0.46476	0.541357	0.489226	0.436957	0.449013	0.447295	0.706413	0.535368	0.61027	0.764032
0.74742	0.525476	0.620446	0.478058	0.479152	0.581936	0.822809	0.583232	0.453246	0.644024
0.807795	0.628963	0.698202	0.443032	0.665152	0.758027	0.855507	0.752915	0.581115	0.628479
0.723064	0.706106	0.741223	0.585908	0.413187	0.498848	0.708714	0.485938	0.731799	0.747402
0.705654	0.529205	0.569486	0.847283	0.738723	0.53409	0.573112	0.572036	0.788542	0.73503
0.853277	0.521779	0.731805	0.609491	0.66724	0.595218	0.578206	0.675197	0.728187	0.584926
0.905886	0.647248	0.802471	0.654866	0.774707	0.489584	0.679717	0.620561	0.555401	0.651004
0.929997	0.693898	0.947548	0.534646	1.205798	0.743871	0.761374	0.579756	0.670981	0.623733
0.683475	0.694993	0.895316	0.568412	0.944731	0.728936	0.765298	0.612087	0.772317	0.747402
0.978365	0.701627	0.747215	0.69014	0.914124	0.486773	0.477988	0.552096	0.776317	0.684425
1.032802	0.746168	0.979303	0.612192	0.772036	0.559006	0.671171	0.444089	0.631814	0.545345
1.235398	0.779509	0.853295	0.636334	0.633051	0.613584	0.689537	0.594724	0.547421	0.480321
1.191463	0.808441	0.891936	0.580837	0.919701	0.764617	0.712188	0.47765	0.701452	0.647002
0.746169	0.607811	0.752068	0.56354	0.853857	0.965298	1.052671	0.676277	0.764426	0.669486
0.974122	0.555448	0.510385	0.629701	0.87697	0.725282	0.649507	0.57545	0.666798	0.555714
0.762717	0.5429	0.686504	0.697772	0.908617	0.756721	0.758778	0.447267	0.66784	0.614394
0.820946	0.581685	0.84566	0.532385	0.657925	0.674939	0.878758	0.78502	0.621377	0.583203
0.758842	0.495356	0.643581	0.625025	0.765428	0.540384	0.722779	0.738957	0.95426	0.744899
0.513817	0.458194	0.678191	0.733282	0.824335	0.501738	0.726368	0.592936	1.128098	0.705558
0.58092	0.390597	0.465252	0.61582	0.785561	0.478448	0.546116	0.556995	0.828938	0.558142
0.580067	0.488483	0.521723	0.499816	0.666195	0.541178	0.579061	0.49226	0.647458	0.570492
0.525681	0.383043	0.600198	0.461786	0.527168	0.6202	0.632728	0.54725	0.59589	0.67796
0.612795	0.401623	0.580031	0.578323	0.640857	0.644688	0.611933	0.631147	0.887095	0.836218
0.679172	0.8598	0.618647	0.652877	0.68431	0.605223	0.897942	0.729081	1.005605	0.741172
0.526434	0.486442	0.411371	0.668017	1.042078	0.44538	0.6241	0.610227	0.707126	0.519343
0.478027	0.38951	0.553746	0.575824	0.681058	0.608919	0.431727	0.304488	0.576863	0.502596
0.608225	0.540588	0.711333	0.626889	0.50501	0.697101	0.738549	0.539293	0.459014	0.335171
0.730228	0.542128	0.581676	0.527899	0.558588	0.714499	0.722779	0.531479	0.556207	0.460428
0.704517	0.659206	0.669024	0.452308	0.638892	0.6367	0.69286	0.436556	0.550596	0.557331
0.586072	0.481045	0.598481	0.50402	0.699817	0.463587	0.478667	0.442194	0.675205	0.633277
0.600119	0.417544	0.531158	0.484068	0.704352	0.493835	0.466613	0.40016	0.623256	0.582343
0.587804	0.45188	0.708013	0.654866	0.425603	0.43718	0.61938	0.464178	0.453883	0.454633
0.871224	0.710632	0.742415	0.541499	0.437767	0.496692	0.553314	0.594724	0.510308	0.589264
0.619274	0.5429	0.641684	0.504725	0.595998	0.514989	0.568077	0.553723	0.735441	0.71361
0.653204	0.438304	0.501386	0.510404	0.703214	0.480514	0.516977	0.472887	0.719875	0.665311
0.553624	0.446275	0.704718	0.513991	0.669337	0.488176	0.646498	0.505916	0.728187	0.608885
0.544108	0.486442	0.720313	0.470171	0.528686	0.470279	0.569749	0.619611	0.664721	0.474927

0.9515	0.587642	0.615963	0.539203	0.624434	0.49029	0.459408	0.542458	0.7187	0.47829
0.69888	0.640421	0.7158	0.566782	0.557774	0.537226	0.59563	0.572887	0.763125	0.711294
0.922435	0.918058	0.893623	0.829048	0.632085	0.552438	0.634668	0.59742	0.795486	0.56551
1.057666	0.712912	0.900438	0.715737	0.67039	0.499568	0.733635	0.763355	0.780354	0.491316
0.744922	0.735198	0.86898	0.701084	0.502139	0.579327	0.74227	0.668776	0.719875	0.427366
0.76013	0.724499	0.803844	0.874501	0.612282	0.769962	0.535152	0.576308	0.647458	0.466958
0.686731	0.817074	0.613296	1.054043	0.675691	0.818267	0.516977	0.635061	0.652464	0.618105
0.620207	0.707233	0.563121	0.934661	0.604969	0.495976	0.654568	0.809289	0.741579	0.62279
0.662374	0.653186	0.794326	0.808698	0.577741	0.537226	0.603705	0.63802	0.592368	0.529102
0.606411	0.601573	0.633249	0.71345	0.612282	0.695966	0.471261	0.449185	0.520592	0.447025
0.650189	0.701627	0.591681	0.785205	0.799522	0.701673	0.413816	0.457596	0.587138	0.474927
0.732643	0.825883	0.787653	0.76806	0.576042	0.763291	0.576501	0.709978	0.584546	0.695419
0.620207	0.697193	0.696051	0.764198	0.419055	0.662165	0.472598	0.667715	0.547421	0.693198
0.514549	0.592814	0.474812	0.562733	0.298588	0.634726	0.501674	0.572036	0.474778	0.707843
0.586072	0.62521	0.556071	0.63729	0.42321	0.736339	0.657633	0.616774	0.454521	0.726574
0.658275	0.563478	0.838157	0.591039	0.560221	0.730162	0.530536	0.544848	0.539585	0.853495
0.712534	0.701627	0.885252	0.534646	0.44586	0.569047	0.462668	0.570339	0.552192	0.932343
0.475341	0.434072	0.606261	0.685838	0.290604	0.492413	0.515496	0.528392	0.58197	0.697652
0.484816	0.505875	0.491899	0.574994	0.528686	0.649755	0.60552	0.659319	0.546631	0.774592
0.493804	0.616881	0.572703	0.714592	0.760213	0.745139	0.875359	1.037745	0.60392	0.851896
0.503695	0.645287	0.611526	0.621319	0.850653	0.813782	0.882183	0.776769	0.632776	0.782683
0.516753	0.460746	0.779778	0.524934	0.650815	0.650776	0.955028	0.725434	0.828938	0.777272
0.700002	0.455657	0.619546	0.654866	0.904985	0.48398	0.887373	0.827275	0.650455	0.864859
0.647196	0.455026	0.401461	0.553956	0.72179	0.648737	0.842759	0.990698	0.659572	1.040917
0.449356	0.748644	0.687555	0.752813	0.564328	0.677105	0.81982	0.952315	0.806831	0.799333
0.461505	0.799976	0.613296	0.808698	0.672502	0.822799	1.037656	0.695052	1.17916	0.802172
0.673853	0.845603	0.7158	0.710043	0.839622	0.934773	1.070871	0.600133	0.814076	1.016922
0.758842	0.684158	0.591681	0.836553	0.673563	0.564835	0.74227	0.529162	0.655496	0.782683
0.762717	0.59022	0.819235	0.823136	0.635962	0.538013	0.699584	0.424889	0.651459	0.715939
0.461505	0.856605	0.859501	1.082432	0.59867	0.870925	1.09265	0.747787	0.87516	0.560584
0.526434	0.822927	0.528233	0.856696	0.923459	1.064321	0.899729	0.855732	0.710566	0.625625
0.540982	0.70386	0.470325	0.63538	0.615056	0.877764	0.786845	0.602862	0.690323	0.707843
0.540982	0.663267	0.65222	0.958053	0.703214	0.679282	1.004516	0.794849	1.192922	0.725379
0.66032	0.966505	0.78633	1.531965	0.946718	0.821283	0.847495	0.59742	0.992188	0.589264
0.839125	0.9984	0.963135	0.976464	0.836522	0.959019	0.860385	0.663496	0.808271	0.607974
0.916848	0.814177	0.531158	0.887925	1.008676	0.965298	0.5992	0.639011	0.842764	0.613471
0.691109	0.839439	0.552974	0.901777	0.579447	0.969535	0.738549	0.578029	0.760534	0.730178
0.54884	0.676731	0.528962	0.879487	0.654863	0.803494	0.68188	0.865648	0.956283	0.670536
0.810683	0.825883	0.498654	0.740504	1.049582	1.214707	0.880467	1.107684	1.410735	0.843986
0.862974	0.778178	0.769496	0.774575	1.177796	1.003264	1.318125	1.298921	0.876845	1.026361
1.011581	0.700514	0.569486	0.679464	0.932999	0.956946	0.627913	0.760721	0.803967	0.978947
0.669644	0.77421	0.584156	0.71919	0.691994	0.756721	0.494573	0.764678	0.892312	1.110321
0.738739	0.70386	0.856387	1.066717	0.691994	0.708622	0.582497	1.050349	0.628943	0.858329
0.886481	0.801376	1.004742	0.718036	0.768059	0.796291	0.693974	0.984061	0.734223	1.038457
0.900507	0.77421	0.799739	0.756575	0.77337	0.787803	1.095451	0.828808	0.596775	0.853495
0.792243	0.61414	0.610644	0.791984	1.070252	0.727715	0.910607	0.879231	0.885369	0.864859
0.778573	0.602459	0.759452	0.72267	0.811022	0.705134	0.702985	0.816693	0.895825	0.781324

0.803498	0.489165	0.699281	0.670076	0.777396	0.609848	0.6455	0.689445	0.737886	0.890259
0.66032	0.729222	0.703625	0.613096	0.665152	0.706293	0.87367	0.73771	0.809715	1.244978
0.704517	0.728036	0.493915	0.585059	0.795286	0.794865	0.844332	0.686115	0.825925	0.970474
0.789474	0.622416	0.535582	0.646966	1.167744	0.769962	0.914294	0.68391	0.911996	0.640085
0.475341	0.749887	0.754516	0.561928	0.977661	0.679282	1.225515	0.65828	0.870144	0.576377
0.55523	0.724499	0.574321	0.798871	0.683223	0.646708	0.955028	0.590268	0.989992	0.44577
0.638336	0.872822	0.619546	0.940392	0.831911	0.891775	0.87367	0.65518	1.149703	0.744899
0.466069	0.822927	0.902158	1.049075	0.554534	0.806408	1.045098	0.920831	1.061254	0.788163
0.518228	0.8598	0.594219	1.008996	0.633051	0.819772	1.203345	0.764678	0.801122	0.657078
0.64029	0.804188	0.571091	1.317201	0.962946	1.324922	1.065593	0.733991	0.774979	0.727772
0.836042	0.554653	0.914396	1.355473	1.335438	1.182255	0.765298	0.740208	0.899367	0.723
0.84693	0.805601	0.912627	0.97024	1.032269	0.900767	0.550901	0.838121	0.822932	0.848714
0.905886	0.743706	0.90562	0.804459	0.618783	0.755418	0.674356	0.680622	0.777658	1.061116
0.929997	0.583379	0.622252	0.70554	0.669337	1.100188	0.649507	0.839693	0.791306	0.667393
0.717183	0.603346	0.732971	0.762918	0.973405	0.959019	0.653551	1.191089	0.868484	0.58579
0.834509	0.61964	0.758213	0.778531	1.039605	0.882966	0.908775	1.362257	0.71636	0.760137
0.879634	0.776851	1.073176	0.626889	0.748703	1.165221	1.225515	0.997438	0.522828	0.978947
0.796429	0.692805	0.965124	0.842652	0.842745	1.349746	0.860385	0.650063	0.516891	0.793712
0.630611	0.68096	0.932501	0.745386	0.865259	1.028745	0.604612	0.544848	0.546631	0.812254
0.645211	0.844054	1.048341	0.948153	0.988485	0.82432	0.957066	0.934325	0.647458	1.058539
0.813591	1.023374	1.011342	1.161165	1.029851	0.546771	1.109733	0.954361	0.69474	0.684425
0.929997	0.887953	0.785012	0.681578	0.92535	0.716872	0.977994	0.81969	0.940361	0.876528
0.697762	0.599807	0.71918	0.751566	0.992891	0.725282	0.973727	0.642997	0.769671	0.936203
0.591287	0.851856	0.624975	0.695577	0.84906	0.6881	0.896163	0.65518	0.674145	1.265174
0.638336	0.779509	0.648359	0.695577	0.700946	0.55407	0.845911	0.907743	0.699203	0.951994
0.756278	0.677785	0.414164	0.752813	0.833443	0.58456	0.806617	0.849245	0.996615	0.785414
0.498721	0.752384	0.637915	0.627825	0.906797	0.715684	0.912446	0.675197	0.878537	0.760137
0.461505	0.736404	0.748423	0.639208	1.062385	0.718063	0.933216	0.536934	0.752853	0.886785
0.422461	0.694993	0.799739	0.798871	0.899593	0.602471	1.037656	0.812235	0.952247	0.672644
0.746169	0.942575	0.777185	0.99351	0.71473	0.737586	1.244896	0.905905	0.966539	0.647002
0.655225	0.726854	0.647399	0.942319	0.855467	1.142444	0.984475	0.874088	0.751586	0.62091
0.47068	0.604236	0.57921	0.750323	0.785561	1.072339	0.957066	0.869004	0.776317	0.684425
0.704517	0.751134	0.523161	0.871209	0.601358	0.725282	0.69286	0.667715	0.878537	0.754998
0.76532	0.671503	0.44674	0.845734	0.575194	0.59702	0.698456	0.724226	0.977043	0.581486
0.777229	0.654184	0.544569	0.745386	0.477797	0.665323	0.808064	0.870692	0.750322	0.475597
0.714852	0.576643	0.576759	0.597976	0.545746	0.52101	0.623152	0.741462	0.608447	0.584926
0.769253	0.68523	0.58832	0.646966	0.556962	0.660071	0.492465	0.612087	0.578559	0.547716
0.90951	0.486442	0.758213	0.871209	0.582879	0.55	0.506715	0.614894	0.611185	0.615318
0.836042	0.618718	0.662026	0.631586	0.506452	0.726497	0.60552	0.774053	0.636643	0.62091
0.749932	0.5429	0.747215	0.639208	0.503572	0.815272	0.45232	0.661402	0.708269	0.758847
0.625851	0.486442	0.622252	0.61129	0.36575	0.680374	0.420298	0.717043	0.516891	0.827076
0.781273	0.568368	0.782387	0.579159	0.604969	0.738835	0.546116	0.677359	0.426103	0.52307
0.803498	0.658197	0.900438	0.90531	0.606786	0.6367	0.535152	0.69959	0.525075	0.662205
0.600119	0.699404	1.1931	0.815857	0.656902	0.716872	0.642519	1.052915	0.569313	0.630392
0.62208	0.557841	0.801103	0.568412	0.727762	0.69824	0.67223	0.836555	0.579409	0.733811
0.945529	0.699404	0.907361	0.68906	0.904985	0.662165	0.64153	0.701877	0.582827	0.742411
1.12687	0.869529	1.18311	0.670076	0.836522	0.725282	0.504548	0.815202	0.698083	0.797921

1.070652	0.779509	1.086147	0.736878	0.875277	0.818267	0.607343	1.030355	0.675205	0.749919
1.040113	1.162694	0.930656	0.670076	1.089182	0.906253	0.775937	0.948253	0.567653	0.751184
1.202037	0.972699	0.936214	0.932767	1.086426	0.631782	1.045098	0.664547	0.754124	0.802172
1.087368	0.908985	1.411772	1.139343	1.335438	0.527116	0.882183	0.735227	1.09618	1.040917
0.897711	2.017432	1.175663	1.245596	1.340339	0.809343	0.892625	1.099015	1.586134	0.80075
0.92313	0.910421	1.193822	1.211982	1.010662	0.90032	1.64546	1.239685	1.09062	0.885059
1.145259	1.134633	1.049546	2.301198	0.908015	0.959339	1.30628	1.372876	1.560945	0.785748
0.972033	0.96446	1.007003	0.805369	1.142045	2.103074	1.339578	1.565957	0.686438	0.736093
0.968246	0.48223	0.603734	3.369914	0.973707	1.376075	0.765637	0	0.343219	1.642681
1.038228	0.725238	0.929831	0.766783	0.870245	0.191696	0	0	0	1.277758
1.431758	1.134425	1.176575	1.142394	0.383391	0	0	0	0	0
1.092274	1.255725	1.286722	1.154837	0.762893	0	0	0	0	0
1.177753	1.023374	1.16728	1.167444	2.375857	0.381446	0	0	0	0
1.347373	1.306458	1.166954	1.167607	1.398246	1.165221	0.773334	1.90371	0	1.388681
1.722496	1.24005	1.091446	1.386567	1.960719	2.978135	1.385113	1.583058	0.694341	0
1.065411	1.48067	0.864214	1.935497	1.253635	1.187169	1.484086	1.75137	0.268128	0
0.920565	1.28888	2.050083	1.063817	1.120704	1.088576	1.698411	0.536256	0.402192	0.134064
0.933829	2.607668	1.006931	1.345584	0.90318	1.056448	1.072512	0.804384	0.67032	1.308622
1.284283	1.210302	0.880306	1.184142	1.360514	1.126876	1.093662	1.659111	1.001868	1.159294
1.656767	1.660664	0.816396	0.893833	1.727666	1.114812	1.21061	0.844443	1.000788	1.553813
1.078635	1.199652	0.907361	0.981009	1.084735	1.162711	0.729986	0.999709	1.000248	0.500124
0.580067	0.863019	1.266313	1.739825	1.054658	2.324922	1.233164	1.583058	2.659817	1.071834
0.568299	1.149998	1.107742	1.136313	1.047066	1.446656	1.243511	1.238338	1.143419	1.854522
0.547257	1.000612	0.928819	1.036898	0.78419	1.253859	1.248685	1.240925	1.274773	1.308622
0.737513	1.094296	0.577574	0.886224	0.594226	0.993608	1.616535	1.600859	1.291698	1.553813
0.854878	1.122721	0.783698	0.954066	1.042078	1.446656	0.752354	1.001991	1.146844	1.53803
0.761421	0.987506	0.930656	1.118565	0.645807	0.864191	0.669061	0.880959	0.974921	0.960111
0.591287	0.974784	0.552974	0.807281	0.622542	0.913677	0.87031	1.160372	0.831973	0.666351
0.500846	0.96446	0.627716	1.148561	0.722978	1.847801	0.860385	1.037745	1.428406	0.934269
0.972016	0.907193	0.774607	1.614402	1.247509	1.847801	0.927452	1.144201	1.134162	1.887894
0.713692	0.809868	1.02485	1.3505	1.205798	1.226086	0.771917	1.030807	2.236417	1.471495
0.856485	1.062473	1.02485	0.757836	0.578593	0.993608	0.839629	1.565957	0.841206	1.808828
1.115029	0.740039	0.489893	0.684769	0.265417	1.207283	1.282123	1.308084	0.828938	1.066316
0.874569	0.77421	0.48196	0.687983	0.492238	1.616407	1.02077	1.141038	0.91938	1.346809
0.686731	0.595423	0.709117	0.845734	0.628243	1.178794	0.809516	2.173077	1.277563	1.500914
0.624905	0.649218	0.844149	0.958053	1.224262	0.700526	0.749811	1.047799	0.974921	2.205902
0.976238	0.618718	0.803844	0.578323	0.606786	0.604304	0.71804	0.942229	0.958315	1.362042
0.997988	0.701627	0.756977	0.641135	0.7801	1.026312	0.877055	1.216578	0.844328	1.045879
0.670692	0.649218	1.04354	0.761642	0.761511	0.847801	0.769257	1.303479	0.842764	1.399812
0.738739	0.458831	0.833717	0.583365	0.68431	0.74641	0.87367	1.322201	0.883651	1.175804
0.854878	0.514478	0.641684	0.699977	1.439571	0.740089	0.722779	1.227978	1.377414	1.131071
1.315566	0.8582	0.487896	0.649912	1.1148	1.041119	1.332434	0.875795	0.780354	0.847132
1.075958	0.70386	1.002564	0.579997	1.072906	0.752826	1.136686	0.827275	0.795486	0.968381
0.902293	0.736404	0.991836	0.530136	0.816889	0.545968	0.880467	0.882694	0.883651	0.981091
0.680244	0.527709	0.928819	0.827562	0.904985	0.396071	0.921764	1.027919	0.921246	0.821086
0.658275	0.70386	0.686504	0.70554	0.800943	0.674939	0.852284	0.595621	1.159302	0.774592
0.867905	0.833362	0.74361	0.673183	1.205798	0.75412	1.115579	0.434693	0.654483	0.827076

1.055114	0.817074	0.895316	0.845734	0.952733	0.499568	0.921764	0.703025	1.162549	0.641067
0.851682	0.809868	0.809377	0.704422	1.006385	0.692578	1.112646	0.706487	1.196432	0.702152
0.933829	0.853433	0.740035	0.974379	0.510809	0.577597	0.875359	0.51626	0.873481	0.573845
1.202037	0.761239	0.460238	0.761642	0.777396	0.928917	0.584225	0.870692	0.774979	0.687694
0.77589	0.654184	0.689663	1.29056	1.142024	1.126876	0.808064	0.566125	0.926893	1.005404
0.774554	1.390293	0.760695	1.174146	0.948713	1.126876	1.127515	0.649046	1.093391	0.685512
0.738739	1.545568	0.912627	1.197839	0.785561	1.597924	1.089867	0.73771	0.768354	0.689887
0.539428	0.896593	0.764445	1.164374	0.89781	1.360087	1.286463	1.122528	0.799706	1.085022
0.799243	0.728036	0.359471	1.036898	1.004107	1.083265	0.566412	0.690561	1.001086	1.200026
0.704517	0.958381	0.617751	1.211982	0.726561	0.847801	0.473939	1.209142	1.134162	1.225679
0.867905	0.908985	0.710223	1.044163	0.587208	0.677105	0.289985	0.825747	0.648455	0.75756
0.770572	1.111127	1.073176	0.725006	0.583742	0.919329	0.532838	0.833439	0.665758	0.657078
1.419813	0.886245	1.004742	1.013523	0.730174	0.714499	0.720403	0.600133	0.890566	0.900851
0.9495	0.782183	0.910864	1.312646	0.836522	0.898954	0.666961	0.870692	0.952247	1.256982
1.627292	0.840972	0.900438	0.650898	0.739958	0.925056	0.655587	1.004285	0.564352	1.012278
1.829214	0.910784	0.880306	0.570048	0.816889	0.727715	0.671171	0.857369	0.47881	1.055977
1.518613	1.358823	1.038792	0.626889	0.836522	1.226086	1.065593	0.727862	0.469459	0.831623
1.391314	0.637528	1.243025	1.180784	1.103227	0.793443	0.650514	0.745246	0.7187	0.637155
1.194959	0.88285	1.142292	0.63729	0.923459	0.612647	0.746025	0.647021	0.609358	0.761432
1.271536	0.946473	1.065575	0.670076	1.289252	0.802044	0.68188	0.642997	0.574332	0.920965
1.971009	1.395766	0.919749	0.872852	1.231874	0.83512	0.892625	0.533808	0.740345	0.853495
0.712534	0.776851	0.684411	1.194374	0.942754	0.59702	0.903325	0.700732	0.651459	0.71828
0.559272	0.805601	1.063071	1.049075	0.774707	0.426075	0.903325	1.436432	0.979174	0.705558
1.037662	1.030442	0.917957	0.583365	1.148312	0.667442	0.980144	0.812235	0.770992	0.830102
1.060232	0.752384	0.649321	0.596232	1.350309	1.011993	0.853893	0.529933	0.871809	0.714773
1.391314	1.125669	0.48196	0.543037	0.942754	1.655915	1.078911	0.509582	0.661624	0.655044
0.95959	1.116885	1.262344	1.282031	0.573505	0.631782	0.825043	0.900438	1.053578	0.733811
0.730228	1.494277	0.838157	0.912464	0.901383	0.827378	0.686239	0.822708	1.074357	0.764032
0.702254	1.023374	0.670033	1.136313	0.730174	0.898954	0.842759	0.689445	1.014785	0.866507
0.916848	1.049872	0.74361	1.020405	0.604063	0.904417	0.527486	0.87751	0.827429	0.687694
1.271536	1.131624	0.755744	0.972305	0.682139	1.007323	0.777286	0.915173	0.563531	0.555714
0.978365	1.021043	0.511786	0.960061	0.811022	1.292393	1.152416	0.880959	0.596775	0.56304
0.90951	0.864638	0.779778	1.184142	0.63016	1.117797	0.793803	0.766005	0.749062	0.535989
0.71138	0.605127	1.497784	0.99351	0.800943	0.932812	0.519953	0.789205	0.825925	0.893761
1.677591	0.956374	1.571671	1.054043	0.986298	0.967411	0.502391	0.944228	1.024163	0.958962
1.318491	1.537859	1.465075	0.876157	0.863612	1.036127	1.290847	1.680404	0.876845	2.381272
1.297415	1.213911	1.340011	1.632948	0.738723	2.279165	1.516947	1.113659	0.93647	1.081072
0.856485	0.798581	0.973169	1.11579	1.492182	0.991363	0.711027	1.308084	0.85383	2.205902
1.095054	0.646266	1.258411	1.1871	1.130708	1.145626	0.955028	1.327442	2.371256	1.515382
1.912284	1.224921	2.265198	1.52452	1.075577	0.909949	1.547674	1.3468	1.693454	0.899067
1.099511	1.068569	1.146745	0.842652	1.485246	1.666381	1.215032	0.533808	0.885369	1.058539
1.031765	1.037627	1.053098	1.79122	1.095831	1.083265	1.417906	0.689445	1.122117	1.63293
0.78718	1.358823	1.045362	1.108397	1.102114	0.963194	1.02323	1.449057	1.727995	1.119093
0.452163	0.474771	1.163697	1.282031	1.387127	0.800598	1.05794	1.150597	1.134845	1.058539
0.49738	0.737857	1.873346	1.450089	1.640778	2.501014	1.09265	0.58498	1.162549	0.951994
0.978334	1.847844	1.400765	0.958053	1.101825	1.120209	1.189169	0.771353	1.221828	1.261059
1.57374	0.70386	1.417381	1.245596	1.138593	0.800598	0.966962	1.533653	2.165295	0.796514

[illegible]

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1.549172	0.227661	0.11383	0.056915	0.028458	0.014229	0.007114	0.003557	0	0
0.455321	0.682537	0.78333	1.798829	1.792258	0.911538	2.179257	0.891118	1.302068	0.292056
0.577422	0.433683	0.519582	0.959079	0.941054	0.653979	0.746867	0.540381	0.584112	0.840693
0.548499	0.338451	0.590193	0.548802	0.680187	0.478006	0.679252	0.737096	0.690891	0.7833
0.946551	0.761251	0.642651	0.527475	0.777769	0.481307	0.573287	0.512342	0.511283	0.429865
1.192739	1.99567	0.526884	0.408576	0.500374	0.51149	0.521695	0.3418	0.587361	0.409502
1.139727	2.385953	0.973771	0.649381	0.611338	0.428344	0.353951	0.260958	0.505169	0.505827
1.291203	1.255619	1.142953	0.626381	0.605914	0.470831	0.385144	0.333419	0.326781	0.449979
0.71736	0.71278	0.566164	0.588848	0.527254	0.540877	0.284345	0.304433	0.397039	0.278933
0.378646	0.613247	0.436168	0.327823	0.563175	0.338574	0.34035	0.43476	0.421932	0.329291
0.456613	0.34368	0.422637	0.327353	0.400163	0.496822	0.339872	0.53448	0.423047	0.370395
0.50807	0.347522	0.382814	0.462687	0.332456	0.559514	0.436286	0.36547	0.21811	0.44317
0.443235	0.367261	0.476859	0.45507	0.457478	0.713049	0.615321	0.422134	0.229045	0.471727
0.541363	0.427839	0.601413	0.413122	0.367318	0.468251	0.432131	0.487973	0.392851	0.396071
0.58258	0.486143	0.439166	0.512139	0.516156	0.262613	0.676133	0.438856	0.40393	0.513702
0.567287	0.454777	0.402822	0.378021	0.382624	0.250761	0.470394	0.361516	0.342728	0.381442
0.622398	0.472422	0.654343	0.395217	0.381015	0.311302	0.395336	0.224301	0.302847	0.225548
0.36955	0.466038	0.655332	0.561477	0.45684	0.45433	0.314363	0.310078	0.453099	0.382509
0.283387	0.400291	0.390277	0.410843	0.410349	0.388573	0.514495	0.427827	0.464007	0.366259
0.317237	0.393803	0.387597	0.615322	0.41207	0.382725	0.371574	0.541125	0.578485	0.360637
0.580854	0.604442	0.356167	0.520105	0.46912	0.44692	0.406886	0.382171	0.327228	0.418112
0.504443	0.581523	0.4551	0.501508	0.433274	0.515056	0.39263	0.423834	0.228331	0.510822
0.483985	0.621327	0.427296	0.635817	0.339208	0.428344	0.405217	0.378574	0.361216	0.361145

0.385183	0.38741	0.42496	0.386534	0.323926	0.543163	0.418752	0.540381	0.415299	0.331186
0.550904	0.301776	0.510269	0.350463	0.416113	0.552431	0.336541	0.557036	0.36462	0.384651
0.37061	0.323134	0.310895	0.222847	0.461324	0.41053	0.499062	0.375515	0.388189	0.548277
0.294825	0.301776	0.28821	0.371225	0.506047	0.416197	0.394251	0.335267	0.421932	0.519521
0.483985	0.316346	0.436168	0.557476	0.381551	0.407165	0.280162	0.372982	0.491881	0.456897
0.426014	0.496216	0.521032	0.574532	0.401844	0.363612	0.290696	0.430126	0.376997	0.391685
0.309791	0.341295	0.430823	0.489084	0.406359	0.388573	0.416466	0.338988	0.374493	0.424537
0.396865	0.355802	0.576772	0.420032	0.416693	0.390182	0.486161	0.353232	0.428102	0.432254
0.508799	0.389531	0.450135	0.244769	0.441193	0.441445	0.332296	0.390505	0.423047	0.418692
0.465767	0.409096	0.440975	0.299655	0.606814	0.416197	0.529756	0.386318	0.532309	0.414073
0.287312	0.513542	0.47164	0.274448	0.576399	0.474078	0.591658	0.515136	0.4841	0.489125
0.207857	0.415819	0.271942	0.248272	0.378347	0.516491	0.494946	0.342741	0.480898	0.409502
0.382447	0.500312	0.284402	0.378021	0.289651	0.372289	0.323467	0.24713	0.321003	0.382509
0.432086	0.527919	0.510978	0.351949	0.318331	0.328669	0.267039	0.287097	0.364132	0.297854
0.345352	0.484156	0.278127	0.467839	0.3864	0.2985	0.426846	0.289175	0.359766	0.285291
0.339384	0.384774	0.25824	0.341652	0.356057	0.24457	0.465901	0.362995	0.394417	0.296537
0.481923	0.356786	0.300715	0.372784	0.32817	0.445697	0.403002	0.456248	0.492536	0.321332
0.444491	0.460371	0.403376	0.494562	0.384238	0.44387	0.377263	0.387361	0.376495	0.362163
0.406558	0.499627	0.503238	0.480995	0.459396	0.488658	0.483493	0.369962	0.381033	0.416954
0.395739	0.517805	0.429056	0.398518	0.459396	0.533342	0.607289	0.450171	0.493849	0.429269
0.437006	0.459121	0.375998	0.464612	0.424905	0.663955	0.457679	0.464276	0.59809	0.364719
0.417062	0.532326	0.44158	0.65433	0.381015	0.516491	0.472334	0.408217	0.463393	0.403295
0.454677	0.569294	0.669416	0.686341	0.466506	0.453707	0.3997	0.354683	0.246911	0.389508
0.516157	0.660168	0.492902	0.564704	0.458116	0.534838	0.589107	0.396863	0.321003	0.39114
0.498703	0.683581	0.503238	0.440227	0.573055	0.680409	0.606406	0.489292	0.570571	0.387343
0.379187	0.626799	0.529099	0.571232	0.540186	0.678318	0.43154	0.482089	0.639252	0.427489
0.431475	0.641736	0.372371	0.56959	0.527254	0.550872	0.438079	0.46179	0.570571	0.453739
0.546108	0.631412	0.333413	0.595752	0.461968	0.519375	0.470394	0.55396	0.430367	0.411781
0.475118	0.609703	0.400064	0.745977	0.494079	0.478664	0.556448	0.50612	0.616873	0.488442
0.467091	0.703922	0.605806	0.630131	0.617752	0.582318	0.394251	0.582461	0.633775	0.535936
0.450191	0.675294	0.488835	0.693907	0.481083	0.533342	0.402449	0.587398	0.732102	0.583292
0.440732	0.552732	0.532069	0.582896	0.407495	0.463773	0.459563	0.542615	0.581692	0.524677
0.546903	0.648436	0.437965	0.582896	0.45684	0.539359	0.62076	0.636409	0.640171	0.499488
0.423009	0.623144	0.403376	0.764819	0.515426	0.527406	0.545573	0.569562	0.642942	0.498789
0.408291	0.667161	0.469699	0.737456	0.609522	0.704102	0.553313	0.612088	0.797014	0.614036
0.575717	0.900066	0.562152	0.688489	0.412645	0.569953	0.461455	0.561691	0.737828	0.668258
0.535893	0.570904	0.470345	0.621739	0.63855	0.800359	0.505309	0.592393	0.691927	0.643212
0.723298	0.68673	0.538829	0.750922	0.700924	0.904457	0.718546	0.572751	0.646664	0.44011
0.694391	0.665152	0.687155	0.665421	0.56155	0.678318	0.782427	0.622729	0.720872	0.413499
0.530491	0.981236	0.655332	0.767395	0.578924	0.639432	0.584888	0.61649	0.805013	0.552206
0.56066	0.930369	0.607576	0.863892	0.650329	0.748342	0.695195	0.748939	0.672656	0.603248
0.668341	0.705019	0.577598	0.872031	0.486508	0.672104	0.622588	0.64013	0.547658	0.589269
0.726899	0.512836	0.563752	0.800945	0.492693	0.614415	0.675098	0.558582	0.667724	0.514425
0.566453	0.554282	0.508148	0.807977	0.743158	0.697511	0.644182	0.569562	0.543954	0.62697
0.636852	0.671209	0.596198	0.686341	0.531018	0.599373	0.589107	0.707738	0.565116	0.55937
0.773966	0.930369	0.645545	0.671592	0.459396	0.618941	0.515209	0.724433	0.505169	0.557768
0.54452	0.695241	0.415171	0.953097	0.609522	0.811555	0.625344	0.630885	0.514717	0.613127

0.674708	0.594106	0.434975	0.735051	0.74563	0.726824	0.59767	0.606863	0.570571	0.667228
0.494447	0.687785	0.650411	0.658331	0.578081	0.569953	0.468463	0.623628	0.674645	0.767463
0.577422	0.671209	0.557386	0.772592	0.592645	0.565104	0.649996	0.660211	0.679657	0.687229
0.789003	0.752583	0.612929	0.720899	0.627082	0.594186	0.592512	0.761113	0.582497	0.583292
0.992922	0.559753	0.626609	0.806561	0.726243	0.782761	0.520245	0.644828	0.580888	0.625099
0.702293	0.556618	0.581756	0.840349	0.876189	0.66801	0.578221	0.676159	0.626578	0.811049
0.627163	0.664151	0.805134	0.722061	0.677001	0.520099	0.452076	0.854408	0.468943	0.815369
0.673641	0.488139	0.676632	0.676802	0.630871	0.65103	0.556448	0.601701	0.395464	0.69156
0.751706	0.548114	0.639777	0.467839	0.593517	0.733879	0.804135	0.687473	0.537366	0.675537
0.723298	0.698476	0.912382	0.439013	0.595267	0.716452	0.730123	0.64013	0.419709	0.768761
0.534343	0.681494	0.79546	0.574532	0.759479	0.502352	0.613524	0.819147	0.514028	0.690473
0.559839	0.638896	0.871438	0.388149	0.614991	0.501657	0.714	0.922182	0.784	0.693742
0.601129	0.51213	0.585954	0.420612	0.665516	0.630932	0.77586	0.59407	0.675643	0.478336
0.670453	0.648436	0.805134	0.555886	0.861381	0.588212	0.77586	0.541125	0.451904	0.535176
0.50589	0.615924	0.912382	0.666443	0.958906	0.638479	0.852659	0.663157	0.676643	0.813924
0.503722	0.51638	0.652373	0.571232	0.63855	0.629998	0.798606	0.659233	0.586546	0.720815
0.883402	0.71841	0.532815	0.541832	0.673838	0.540877	0.686619	0.466776	0.508555	0.579913
0.598431	0.50514	0.616535	0.564704	0.831685	0.537093	0.635604	0.440033	0.616001	0.532905
0.393495	0.3832	0.84768	0.544143	0.780445	0.569953	0.624423	0.535948	0.587361	0.643212
0.431475	0.630485	0.820786	0.532709	0.662436	0.515056	0.750541	0.514435	0.763958	0.824139
0.489533	0.66817	0.63033	0.594015	0.493386	0.427172	0.675098	0.656314	0.668706	0.754693
0.698889	0.523555	0.42496	0.470439	0.537876	0.458083	0.65688	0.575158	0.636505	0.644186
0.632951	0.623144	0.600539	0.365556	0.651325	0.571581	0.667922	0.568769	0.596422	0.593589
0.503722	0.697395	0.622001	0.359961	0.615909	0.48197	0.659864	0.512342	0.557439	0.659074
0.553323	0.489475	0.470345	0.465255	0.651325	0.472127	0.727783	0.444179	0.59559	0.583292
0.554943	0.601835	0.495634	0.488405	0.577239	0.483299	0.637495	0.434178	0.663818	0.611314
0.657932	0.674269	0.571844	0.528219	0.590906	0.419633	0.749313	0.414842	0.521669	0.513702
0.627163	0.808785	0.668394	0.608999	0.886349	0.534089	0.724296	0.376023	0.443044	0.46716
0.469084	0.682537	0.733177	0.829785	0.707684	0.593327	0.825522	0.318461	0.665767	0.45944
0.493741	0.567689	0.465843	0.620817	0.470433	0.614415	0.878293	0.47821	0.805013	0.592722
0.516157	0.56054	0.504635	0.565515	0.618676	0.58906	0.778475	0.589057	0.799664	0.66929
0.600228	0.76882	0.635974	0.665421	0.769836	0.6752	0.551754	0.435926	0.53016	0.659074
0.455967	0.849726	0.464565	0.583741	0.672789	0.506545	0.529756	0.382171	0.516099	0.618611
0.492334	0.751359	0.651391	0.791286	0.587449	0.527406	0.785082	0.605998	0.680667	0.538224
0.506616	0.534546	0.501151	0.694999	0.617752	0.652011	0.846481	0.74774	0.820072	0.403855
0.538229	0.716149	0.430823	0.584588	0.713399	0.759515	0.67821	0.638265	0.785284	0.489125
0.533569	1.029482	0.742755	0.838824	0.75187	0.83485	0.738414	0.59407	0.681678	0.671363
0.651804	0.843635	0.705649	0.816569	0.729812	0.804524	0.799981	0.580013	0.785284	0.617692
0.635874	0.670193	0.529839	0.596622	0.664487	0.887246	0.738414	0.541869	0.756674	0.643212
0.569799	0.694168	0.506037	0.553512	0.571393	0.767126	0.658867	0.751346	0.603978	0.535936
0.39182	0.666155	0.526884	0.688489	0.555909	0.635634	0.501134	0.696954	0.660912	0.658065
0.374342	0.659178	0.634084	0.875331	0.467158	0.601116	0.457679	0.554727	0.660912	0.627909
0.436388	0.739302	0.46841	0.704951	0.293134	0.590762	0.464626	0.533748	0.82568	0.69265
0.659994	0.787014	0.462021	0.784517	0.532533	0.581483	0.658867	0.69909	0.633775	0.609508
0.683346	0.76755	0.404486	0.733854	0.593517	0.770982	0.537969	0.70556	0.304969	0.458167
0.829806	0.842126	0.596198	0.762259	0.514697	0.754514	0.54711	0.585746	0.583304	0.634538
0.754266	0.694168	0.617441	0.863892	0.523523	0.698603	0.537216	0.751346	0.550644	0.745973

0.71736	0.559753	0.68929	0.596622	0.531775	0.83936	0.650973	0.803895	0.478989	0.596202
0.810384	0.50514	0.592757	0.495942	0.573055	0.574857	0.577395	0.734766	0.471433	0.815369
0.631981	0.689902	0.558177	0.555093	0.600558	0.567521	0.43748	0.607729	0.514028	0.790073
0.763348	0.71278	0.672494	0.690648	0.590039	0.676237	0.538724	0.495945	0.563569	0.828592
0.74663	0.69203	0.664333	0.523774	0.558318	0.782761	0.596806	0.646721	0.598926	0.717337
0.796013	0.52139	0.597063	0.372264	0.599672	0.709672	0.724296	0.659233	0.599764	0.658065
0.950568	0.574958	0.66031	0.683138	0.700924	0.865844	0.675098	0.681265	0.498474	0.606814
0.705724	0.538273	0.714633	0.715136	0.848629	0.695336	0.545573	0.745352	0.603978	0.645163
0.765979	0.522833	0.71805	0.825335	0.714551	0.797605	0.589107	0.5792	0.579285	0.836115
0.868117	0.777822	0.941993	0.599245	0.584019	0.885561	0.744435	0.929398	0.615131	0.836115
1.047357	0.710549	0.798202	0.564704	0.694268	0.823046	0.654902	0.812148	0.447747	0.813924
0.834414	0.657206	0.629397	0.574532	0.861381	0.773572	0.888309	0.783925	0.4841	0.653058
0.658962	0.612358	0.984198	0.681015	0.822714	0.629065	0.649022	0.711026	0.654204	0.617692
0.706873	0.527188	0.790027	0.662368	0.825684	0.676237	0.54711	0.618263	0.491881	0.716184
0.888619	0.600105	0.686091	0.582052	0.874519	0.778799	0.706158	0.716562	0.498474	0.582445
0.648772	0.600969	0.665345	0.533462	0.645382	0.872318	0.71969	0.686432	0.507197	0.653058
0.662066	0.566889	0.755033	0.483004	0.665516	0.600244	0.799981	0.574355	0.489272	0.828592
0.876542	0.56609	0.822237	0.678903	0.93335	0.652994	0.636548	0.493271	0.689858	0.724321
0.853352	0.488807	0.665345	0.703834	0.973317	0.63658	0.791791	0.766079	0.850358	0.875823
0.605665	0.608822	0.75628	0.632018	1.005907	0.57733	0.721987	0.801179	0.753078	1.004593
0.650791	0.65134	0.728466	0.657327	1.041143	0.53185	0.698455	0.719918	0.588994	0.91043
0.635874	0.624967	0.687155	0.617146	0.958906	0.543163	0.835875	0.707738	0.657066	0.678695
0.708026	0.700646	0.82662	0.733854	0.911024	0.702997	0.736029	0.575964	0.639252	0.552996
0.71736	0.711663	0.730815	0.686341	1.036277	0.657942	0.794504	0.553194	0.623023	0.738635
0.574866	0.588188	0.482806	0.413122	0.960936	0.650052	0.843424	0.656314	0.639252	0.830086
0.775312	0.47825	0.525414	0.572879	0.801066	0.625356	0.766829	0.58328	0.653255	0.784646
0.674708	0.658191	0.545695	0.694999	0.845499	0.596772	0.629047	0.547118	0.650418	0.553788
0.684438	0.695241	0.603165	0.559872	0.808163	0.628135	0.875004	0.572751	0.723095	0.529895
0.518389	0.821528	0.631266	0.706071	0.754391	0.490685	0.890001	0.577579	0.623023	0.61586
0.494447	0.600105	0.625683	0.880327	0.734618	0.382197	0.687682	0.480145	0.604826	0.573233
0.54215	0.599243	0.626609	0.675755	0.591775	0.537093	0.711745	0.550145	0.518179	0.572405
0.565621	0.795051	0.775428	0.648398	0.733412	0.458083	0.725455	0.612965	0.718661	0.613127
0.497991	0.781738	0.746402	0.718585	0.80531	0.550095	0.849559	0.557036	0.638334	0.574062
0.599328	0.873357	0.554238	0.767395	0.71225	0.595046	0.734842	0.486003	0.649476	0.490492
0.509529	0.799126	0.513113	0.693907	0.767223	0.722183	0.619848	0.525059	0.939584	0.736216
0.384087	0.874979	0.565358	0.775213	0.519824	0.565908	0.514495	0.475643	0.766413	0.750935
0.495153	0.777822	0.592757	0.671592	0.518353	0.556351	0.60995	0.619153	0.798337	0.510822
0.565621	0.662155	0.483471	0.779176	0.822714	0.825967	0.725455	0.599993	0.79438	0.561784
0.532798	0.636074	0.432005	0.791286	0.822714	0.911538	0.595084	0.465524	0.751885	0.647123
0.542939	0.72873	0.664333	0.699394	0.525012	0.824504	0.482828	0.490614	0.882915	0.651071
0.680087	0.873357	0.694675	0.72674	0.548763	0.662947	0.443502	0.401153	0.627471	0.743513
0.662066	0.886506	0.585111	0.664401	0.42728	0.708552	0.553313	0.628149	0.591456	0.590992
0.673641	0.620422	0.663324	0.779176	0.443659	0.719882	0.646111	0.665132	0.603132	0.425125
0.636852	0.555059	0.54416	0.632965	0.481083	0.762037	0.426263	0.596599	0.668706	0.542835
0.562307	0.74892	0.612929	0.762259	0.662436	0.762037	0.550976	0.629971	0.761516	0.663132
0.614882	0.827314	0.763838	1.00122	0.628026	0.818701	0.651952	0.636409	0.634683	0.697035
0.626206	0.52428	0.675594	0.955082	0.688798	0.743467	0.524609	0.611212	0.660912	0.679753

0.674708	0.61503	0.719195	1.045436	0.644399	0.605504	0.573287	0.599142	0.717559	0.544383
0.787614	0.879882	0.652373	0.717432	0.671743	0.840874	0.59767	0.821978	0.80636	0.515875
0.925099	0.654263	0.609353	0.672629	0.648343	0.58991	0.563585	0.785228	0.583304	0.653058
0.793196	0.65134	0.761304	0.657327	0.587449	0.926054	0.568409	0.845321	0.443629	0.581599
0.584313	0.542031	0.915975	0.822393	0.634694	1.112075	0.599404	0.772369	0.527311	0.69265
0.563133	0.519953	0.819339	0.780505	0.743158	0.843918	0.517361	0.774911	0.609948	0.633584
0.919428	0.537525	0.676632	0.495252	0.601446	0.582318	0.505309	0.737096	0.750696	0.825618
1.196278	0.647473	0.696848	0.676802	0.647354	0.547772	0.639395	0.661191	0.597255	0.707067
0.883402	0.903524	1.038061	0.787212	0.662436	0.759515	0.638444	0.621832	0.509235	0.54906
0.574018	0.735749	0.971715	0.648398	0.552719	0.505844	0.496999	0.873174	0.582497	0.608609
0.596641	0.559753	0.78333	0.561477	0.686629	0.574036	0.534217	0.704475	0.424165	0.624166
0.666239	0.49486	0.752549	0.551936	0.605017	0.815828	0.697365	0.664143	0.493849	0.701465
0.590433	0.533805	0.858606	0.541832	0.682323	0.814399	0.697365	0.671112	0.533028	0.647123
0.435771	0.674269	0.87635	0.663383	0.66346	0.924213	0.635604	0.603415	0.480261	0.647123
0.593969	0.727571	0.84308	0.755924	0.898511	0.625356	0.711745	0.866828	0.623909	0.827102
0.665192	0.613247	0.614728	0.562281	0.758201	0.581483	0.604645	0.881238	0.719765	0.840693
0.817752	0.657206	0.751313	0.590564	0.813925	0.482634	0.558023	0.620937	0.586546	0.736216
0.613023	0.69956	0.857028	0.613506	0.704291	0.610829	0.452076	0.597445	0.569787	0.652063
0.589553	0.663152	0.445836	0.412551	0.67489	0.447533	0.538724	0.750141	0.635593	0.891056
0.593082	0.648436	0.331061	0.395217	0.7927	0.559514	0.579878	0.894462	0.822867	0.845319
0.670453	0.626799	0.758784	0.574532	0.759479	0.554779	0.782427	0.734766	0.686773	0.606814
0.645761	0.783051	1.122163	0.707193	0.759479	0.384312	0.663874	0.571154	0.60909	0.544383
0.613023	0.903524	1.017072	0.531958	0.754391	0.486641	0.616223	0.61649	0.610808	0.672403
0.495153	0.762503	0.713499	0.582052	0.605914	0.449376	0.66894	0.675145	0.69505	1.009091
0.619564	0.659178	0.71805	0.57041	0.62053	0.595908	0.59767	0.881238	0.909469	0.898002
0.601129	0.750138	0.860189	0.607209	0.958906	0.680409	0.697365	0.663157	0.777637	0.66929
0.602938	0.851262	0.87307	0.669525	0.780445	0.626281	0.649996	0.598293	0.57451	0.673445
0.56066	1.013542	0.910597	0.813686	0.876189	0.436635	0.843424	0.76733	0.784	0.681876
0.632951	1.011312	0.728466	0.771286	0.872854	0.555565	0.778475	0.776187	0.749511	0.819732
0.776662	0.831705	0.765111	0.558273	0.80531	0.638479	0.971849	0.476283	0.707769	0.629792
0.524398	0.663152	0.692513	0.536487	0.672789	0.807323	0.984308	0.622729	0.698195	0.754693
0.631981	0.605314	0.570213	0.68527	0.65735	0.527406	0.721987	0.625431	0.814535	0.632633
0.612096	0.834657	0.492902	0.696094	0.576399	0.427172	0.673035	0.581643	0.723095	0.69265
0.643766	0.859024	0.544927	0.608103	0.653324	0.559514	0.865287	0.739439	0.740139	0.502294
0.574866	0.894932	0.469699	0.657327	0.721528	0.558721	0.749313	0.762349	0.79438	0.52246
0.491632	0.937817	0.530582	0.679958	0.715706	0.490685	0.602016	0.387361	0.570571	0.55063
0.459209	0.800492	0.384403	0.541832	0.583166	0.696422	0.634661	0.453807	0.810429	0.557768
0.443235	0.589029	0.442185	0.733854	0.608618	0.620764	0.831408	0.653414	0.998426	0.569109
0.381902	0.607942	0.566164	0.718585	0.648343	0.643264	0.646111	0.617376	0.805013	0.569931
0.421813	0.868527	0.666359	0.816569	0.667582	0.525201	0.457679	0.472455	0.640171	0.596202
0.604754	0.884841	0.729639	0.816569	0.662436	0.493402	0.574925	0.557808	0.653255	0.598831
0.47987	0.907009	0.761304	0.784517	0.639519	0.709672	0.717405	0.63456	0.941422	0.600593
0.685533	0.701735	0.462655	0.535729	0.672789	0.723339	0.816841	0.889456	0.784	0.494621
0.535117	0.681494	0.495634	0.608999	0.537108	0.685681	0.654902	0.711026	0.750696	0.613127
0.586053	0.752583	0.418601	0.694999	0.619602	0.605504	0.705049	0.647671	0.856374	0.603248
0.789003	0.810183	0.565358	0.888784	0.758201	0.623514	0.76939	0.785228	0.860941	0.843772
0.828281	0.711663	0.568589	0.739873	0.574724	0.865844	0.675098	0.806629	1.084057	0.562592

0.631013	0.762503	0.532069	0.716282	0.501785	0.818701	0.622588	0.76733	0.821467	0.543608
0.692159	0.923047	0.5124	0.759714	0.363704	0.721031	0.534965	0.575158	0.57293	0.60592
0.680087	0.958984	0.601413	0.828297	0.511794	0.654966	0.546341	0.546364	0.537366	0.662114
0.526673	0.584843	0.58427	0.892213	0.632778	0.730337	0.581541	0.797136	0.679657	0.585843
0.675779	0.497577	0.515259	0.552723	0.607715	0.670052	0.696279	0.730143	0.623023	0.542063
0.665192	0.59156	0.514542	0.498021	0.36319	0.609047	0.505309	0.700162	0.407687	0.66929
0.594858	0.750138	0.691436	0.873678	0.610429	0.648102	0.488172	0.609468	0.581692	0.695935
0.613951	0.633271	0.523948	0.826813	0.672789	0.70521	0.71969	0.786535	0.756674	0.664152
0.797429	0.679418	0.632203	0.624519	0.62053	0.628135	0.647079	0.848329	0.69505	0.700354
0.630047	0.423221	0.658312	0.65433	0.851782	0.74105	0.778475	0.934889	0.589813	0.657059
0.723298	0.613247	0.787336	0.981749	0.882936	0.808729	0.578221	0.774911	0.517485	0.787351
1.084175	0.859024	0.776735	0.953097	0.667582	0.708552	0.503217	0.711026	0.606527	0.773992
0.710341	0.66116	0.691436	0.73266	0.537876	0.785423	0.566795	0.843824	0.524481	0.624166
0.677928	0.40854	0.579257	0.600123	0.498967	0.744681	0.637495	0.802535	0.629263	0.523937
0.78485	0.645552	0.688221	0.608999	0.478396	0.532595	0.629977	0.752555	0.593932	0.771369
0.628122	0.606189	0.620171	0.657327	0.618676	0.660938	0.598536	0.585746	0.724211	0.932601
0.722104	0.46414	0.535061	0.698291	0.672789	0.733879	0.715132	0.672117	0.608234	0.953968
0.928922	0.696317	0.612929	0.660345	0.642441	0.830386	0.577395	0.78133	0.433216	0.641269
0.807472	0.581523	0.745183	0.676802	0.709961	0.902705	0.563585	0.726708	0.571356	0.612219
0.631013	0.570904	0.713499	0.729098	0.771148	0.790795	0.54711	0.66911	0.654204	0.879163
0.620507	0.531588	0.882987	0.744749	0.709961	0.653979	0.537216	0.613843	0.546173	0.754693
0.731749	0.561328	0.694675	0.684203	0.477059	0.609047	0.565187	0.67011	0.419156	0.803944
0.693274	0.537525	0.596198	0.587993	0.605017	0.653979	0.635604	0.871578	0.549896	0.639335
0.659994	0.522833	0.639777	0.505729	0.71225	0.666993	0.743225	0.906372	0.589813	0.686153
0.56066	0.589871	0.636921	0.520105	0.697583	0.545462	0.653916	0.563254	0.565116	0.859502
0.709182	0.664151	0.828091	0.513577	0.612248	0.522278	0.527543	0.4649	0.453698	0.743513
0.864792	0.703922	0.884662	0.631074	0.601446	0.613516	0.516642	0.690611	0.553651	0.733811
0.708026	0.551187	0.975837	0.475685	0.647354	0.785423	0.667922	0.881238	0.717559	0.707067
0.772625	0.525732	0.78333	0.573705	0.633735	0.662947	0.786415	0.673124	0.44246	0.671363
0.704577	0.550417	0.648458	0.508567	0.67489	0.683565	0.709502	0.482089	0.362186	0.490492
0.725695	0.483496	0.722649	0.583741	0.641465	0.58906	0.593368	0.520069	0.477088	0.555376
0.755552	0.57659	0.741546	0.605427	0.603228	0.487312	0.530496	0.651491	0.658985	0.766169
0.595748	0.566889	0.886344	0.544916	0.694268	0.537093	0.540237	0.763589	0.672656	0.689389
0.702293	0.532326	0.586799	0.615322	0.687712	0.66801	0.858927	0.688516	0.520969	0.739849
0.577422	0.500998	0.705649	0.468488	0.75187	0.541638	0.797234	0.59407	0.593105	0.811049
0.754266	0.530852	0.683971	0.62359	0.746871	0.492041	0.51808	0.615606	0.543217	0.627909
0.878247	0.874979	0.784661	0.536487	0.611338	0.573216	0.521695	0.517243	0.538093	0.594459
0.848539	0.710549	0.632203	0.432992	0.612248	0.700794	0.649022	0.586572	0.489272	0.566654
0.644762	0.585677	0.649433	0.592286	0.772464	0.719882	0.947954	0.642003	0.558201	0.604137
0.674708	0.581523	0.746402	0.568772	0.783139	0.531106	0.591658	0.520069	0.512654	0.758485
0.772625	0.544302	0.87635	0.696094	0.688798	0.51721	0.509524	0.520069	0.547658	0.655054
0.810384	0.641736	0.747625	0.694999	0.918339	0.608158	0.76939	0.643884	0.672656	0.592722
0.611172	0.607942	0.541106	0.491131	0.672789	0.672104	0.731298	0.63456	0.576891	0.607711
0.664147	0.603571	0.461387	0.452561	0.600558	0.503048	0.670983	0.473728	0.550644	0.526161
0.728106	0.579049	0.723806	0.521569	0.662436	0.505143	0.608175	0.430703	0.486032	0.520254
0.794602	0.667161	0.806534	0.507146	0.562361	0.450609	0.77326	0.475643	0.611669	0.503704
0.609328	0.715023	0.674558	0.512139	0.777769	0.561103	0.961733	0.651491	0.591456	0.532151

0.551709	0.57659	0.674558	0.7005	0.784492	0.625356	0.690886	0.531559	0.624797	0.479003
0.580854	0.443801	0.602288	0.671592	0.715706	0.548545	0.63372	0.509565	0.789159	0.695935
0.577422	0.724113	0.635028	0.509279	0.71919	0.496136	0.63091	0.450775	0.715365	0.623235
0.593082	0.732226	0.760042	0.567956	0.755658	0.562699	0.896836	0.541869	0.835672	0.67764
0.648772	0.806003	0.747625	0.796779	0.96915	0.774873	1.012595	0.672117	0.634683	0.738635
0.48675	0.666155	0.623838	0.880327	0.92766	0.637529	0.969807	0.624528	0.702424	0.676587
0.467091	0.690965	0.589342	0.812252	0.763334	0.730337	0.751772	0.689562	0.665767	0.534418
0.64978	0.678383	0.646514	0.689567	0.492001	0.717592	0.804135	0.610339	0.704554	0.489808
0.81924	0.780428	0.60669	0.662368	0.547976	0.640387	0.959737	0.73593	0.676643	0.55063
0.703433	0.896636	0.528359	0.666443	0.808163	0.757007	0.760492	0.609468	0.873361	0.812484
0.554943	0.783051	0.532815	0.699394	0.70655	0.7881	0.799981	0.635483	1.024393	0.862718
0.492334	0.725263	0.467124	0.650367	0.584874	0.582318	0.721987	0.673124	0.847381	0.754693
0.401399	0.724113	0.459491	0.541065	0.641465	0.5424	0.71969	0.725569	0.733241	0.526161
0.515416	0.666155	0.465204	0.658331	0.606814	0.707435	0.659864	0.535948	0.720872	0.529146
0.613951	0.76882	0.533562	0.688489	0.738258	0.792148	0.754246	0.530106	0.840026	0.590992
0.563133	0.625882	0.622001	0.768688	0.496866	0.759515	0.5502	0.783925	0.771366	0.466511
0.548499	0.76882	0.693592	0.84188	0.515426	0.517931	0.595944	0.737096	0.674645	0.607711
0.463132	0.771373	0.562951	0.688489	0.590039	0.681458	0.650973	0.695891	0.454298	0.532905
0.524398	0.771373	0.48951	0.711714	0.578081	0.687808	0.64805	0.620937	0.558201	0.46716
0.593969	0.607942	0.622918	0.777851	0.552719	0.578157	0.605525	0.589888	0.719765	0.614036
0.459209	0.499627	0.607576	0.787212	0.698694	0.664965	0.488845	0.512342	0.832794	0.808193
0.460513	0.65134	0.487488	0.549584	0.540959	0.57568	0.432131	0.486659	0.581692	0.703698
0.650791	0.751359	0.49495	0.516466	0.38048	0.531106	0.502521	0.591556	0.517485	0.553788
0.701155	0.781738	0.699031	0.771286	0.39021	0.48197	0.418752	0.486659	0.533748	0.601476
0.636852	0.566889	0.612032	0.816569	0.650329	0.759515	0.376743	0.594911	0.596422	0.439501
0.508799	0.58235	0.521032	0.785862	0.439353	0.65103	0.481503	0.613843	0.627471	0.500889
0.541363	0.7139	0.668394	0.720899	0.463907	0.588212	0.415328	0.643884	0.59228	0.633584
0.778016	0.943489	0.613828	0.706071	0.532533	0.837852	0.498373	0.590721	0.400736	0.555376
0.607493	0.745288	0.597063	0.788566	0.677001	0.764574	0.433906	0.542615	0.259371	0.510105
0.662066	0.48548	0.555023	0.754668	0.732209	0.718735	0.33749	0.660211	0.35832	0.536697
0.50589	0.545062	0.598798	0.649381	0.523523	0.483299	0.448381	0.470554	0.577687	0.767463
0.579135	0.785689	0.526884	0.496634	0.396265	0.449376	0.484825	0.594911	0.486678	0.690473
0.791793	0.815818	0.456976	0.473054	0.466506	0.552431	0.426263	0.55396	0.533028	0.534418
0.681171	0.624054	0.516695	0.659336	0.624262	0.560308	0.360914	0.628149	0.53016	0.648107
0.618624	0.604442	0.614728	0.67471	0.593517	0.765848	0.363429	0.72785	0.664791	0.869221
0.5582	0.584843	0.586799	0.635817	0.529509	0.812975	0.507412	0.787846	0.682692	0.839162
0.452108	0.745288	0.444616	0.467839	0.540186	0.738647	0.548653	0.74774	0.555162	0.614036
0.373272	0.51852	0.401165	0.471745	0.535578	0.785423	0.513069	0.604274	0.540282	0.604137
0.533569	0.530117	0.60669	0.614413	0.643419	0.887246	0.548653	0.704475	0.552145	0.695935
0.636852	0.594106	0.626609	0.58037	0.562361	0.645192	0.679252	0.840847	0.554406	0.705941
0.551709	0.58235	0.612929	0.672629	0.545624	0.56833	0.660863	0.717678	0.543954	0.737424
0.575717	0.660168	0.522488	0.673668	0.519824	0.685681	0.618939	0.64013	0.566667	0.560173
0.648772	0.698476	0.622001	0.656326	0.498266	0.704102	0.575747	0.709927	0.59228	0.608609
0.78623	0.498259	0.711242	0.629191	0.37888	0.721031	0.573287	0.774911	0.449524	0.654055
0.557384	0.436042	0.635974	0.606317	0.580616	0.607272	0.465901	0.548629	0.444215	0.608609
0.603845	0.454777	0.650411	0.573705	0.529509	0.40438	0.42278	0.48339	0.477088	0.535176
0.765979	0.49486	0.668394	0.653336	0.544843	0.581483	0.50461	0.580827	0.523776	0.460078

0.64978	0.574958	0.551112	0.572054	0.615909	0.676237	0.489519	0.550906	0.444802	0.66929
0.734194	0.48548	0.593615	0.524512	0.448008	0.482634	0.418179	0.622729	0.546173	0.710464
0.647766	0.635138	0.653357	0.514297	0.492001	0.525201	0.439879	0.592393	0.572142	0.655054
0.685533	0.572521	0.712369	0.563087	0.420193	0.535589	0.573287	0.549386	0.462781	0.730228
0.726899	0.70612	0.703432	0.4925	0.334374	0.510071	0.612628	0.639197	0.495825	0.679753
0.466428	0.509321	0.633143	0.4925	0.394053	0.538603	0.408561	0.652451	0.508555	0.779286
0.629084	0.476298	0.600539	0.534216	0.467811	0.480645	0.423359	0.801179	0.528022	0.875823
0.552515	0.510021	0.572661	0.572879	0.682323	0.494084	0.508819	0.786535	0.67865	0.898002
0.615814	0.543544	0.735552	0.495942	0.570564	0.520099	0.618032	0.776187	0.778902	0.720815
0.702293	0.451087	0.617441	0.487048	0.584874	0.709672	0.687682	0.600846	0.469564	0.647123
0.528196	0.362741	0.613828	0.471091	0.614075	0.836348	0.650973	0.599993	0.437813	0.859502
0.588675	0.373362	0.564555	0.575362	0.812477	0.567521	0.687682	1.052666	0.793068	0.848431
0.735421	0.724113	0.768951	0.543371	0.840845	0.611723	0.835875	0.981515	1.019956	0.761031
0.810384	0.733397	0.874707	0.544143	0.750615	0.702997	1.030965	0.786535	0.7413	0.631684
0.783474	0.683581	0.609353	0.468488	0.789947	0.543928	0.982207	0.64013	0.535192	0.62697
0.614882	0.52139	0.688221	0.538008	0.923907	0.614415	0.728951	0.559357	0.723095	0.663132
0.5582	0.565293	0.674558	0.694999	0.67806	0.653979	1.050147	0.744163	1.042609	0.62138
0.548499	0.800492	0.612032	0.851177	0.851782	0.857886	0.857352	0.763589	1.033405	0.645163
0.768625	0.979165	0.642651	0.743525	0.948898	0.952688	0.804135	0.599993	0.766413	0.718493
0.680087	0.762503	0.593615	0.659336	0.739478	0.693172	1.017115	0.631801	0.67865	0.687229
0.537449	0.821528	0.611137	0.71974	0.653324	0.57733	1.145735	0.762349	0.969972	0.62138
0.546903	0.700646	0.585111	0.888784	0.545624	0.491363	0.903781	0.704475	0.80233	0.701465
0.684438	0.874979	0.535061	0.769985	0.671743	0.573216	0.664882	0.580013	0.690891	0.557768
0.684438	0.71841	0.615631	0.676802	0.595267	0.864241	0.70727	0.717678	0.82568	0.676587
0.694391	0.94159	0.693592	0.795399	0.645382	0.941073	1.148801	0.843824	1.042609	0.830086
0.741613	0.878241	0.727297	0.897408	0.831685	0.939167	1.035682	0.780039	1.011215	0.742288
0.923201	0.993871	0.99923	0.813686	0.709961	1.098141	0.793145	0.73593	0.765184	0.633584
0.803139	0.822968	0.666359	0.523774	0.856555	1.084641	0.697365	0.863689	0.691927	0.726674
0.646763	1.094408	0.677673	0.802342	0.889789	0.93538	0.809736	0.78133	0.842953	0.764879
0.768625	1.046029	0.828091	0.979639	0.43752	0.888937	0.734842	0.666123	0.981939	0.870862
0.826761	0.924866	1.269151	1.13489	0.574724	1.332303	0.812564	0.873174	0.657066	0.577396
0.9863	0.675294	0.923251	0.800945	0.685549	0.981062	0.761752	1.069916	0.535915	0.620455
0.712668	0.522833	0.707878	0.750922	0.715706	0.811555	0.645146	0.834954	0.588994	0.686153
0.789003	0.522111	0.982093	0.929958	0.935263	0.836348	0.494946	0.702313	0.64573	0.819732
1.006478	0.781738	0.910597	1.019292	1.017338	1.013672	0.693035	0.973388	0.647599	0.97435
0.768625	0.943489	1.088688	0.683138	0.954875	0.785423	0.57247	0.889456	0.687799	0.864334
0.752984	0.654263	1.017072	0.767395	0.952874	0.747118	0.793145	0.849841	0.860941	1.022871
0.691048	0.59156	0.727297	1.057861	1.562101	0.588212	0.687682	0.927582	1.066509	1.056832
0.917554	0.870131	1.033308	0.660345	1.101421	0.861052	0.837374	0.810762	0.745973	0.825618
1.130469	1.097109	1.158436	0.620817	1.003657	1.068976	1.047702	0.848329	0.550644	0.813924
0.858218	0.879882	0.825154	0.701608	1.130485	0.883884	1.017115	1.137802	0.811793	1.009091
0.736652	0.789676	1.060116	0.854321	0.929548	0.681458	1.107733	0.746544	0.882915	1.059363
0.79885	0.655241	0.963588	0.855902	1.001418	0.66801	1.010353	0.802535	0.889403	0.822665
0.769954	0.879882	0.850774	0.71058	0.889789	0.694253	1.121958	0.628149	0.887772	0.742288
0.864792	0.932219	0.903528	0.750922	0.950881	0.821593	1.161285	0.639197	0.868662	0.946076
0.702293	1.011312	0.600539	0.750922	0.939115	0.985271	1.030965	0.615606	0.983966	1.099205
0.679006	0.746496	0.691436	0.924361	0.70655	0.735066	0.786415	0.484041	0.716461	0.936408

0.729317	0.949235	0.816461	1.078511	1.031464	0.846984	1.06258	1.098488	0.874939	0.614036
0.839072	0.881528	0.699031	0.71974	1.076828	0.808729	1.452423	0.987712	0.79438	0.577396
0.868117	0.883181	0.603165	0.747208	0.758201	0.639432	1.167664	0.806629	0.914634	0.802536
0.797429	0.763759	0.792735	0.735051	0.614991	0.785423	0.670983	0.717678	0.923381	0.625099
0.528959	0.943489	0.778046	1.005668	0.578081	0.814399	0.743225	0.812148	0.921618	0.742288
0.495153	0.889857	0.611137	0.826813	0.589174	0.685681	0.884944	1.187575	0.661878	0.67764
0.656904	0.781738	0.612032	0.951121	0.822714	1.169517	0.770676	0.989797	0.75788	0.402175
0.997394	0.657206	0.963588	1.479316	1.224042	1.287657	0.654902	0.936735	1.242895	0.577396
0.800275	0.787014	0.969669	0.789924	0.90383	1.081991	0.591658	0.920397	1.068972	0.862718
0.936669	0.800492	0.975837	0.72674	0.764626	1.092691	0.944097	0.929398	0.682692	0.987054
0.871468	0.741687	0.874707	0.813686	0.740701	0.890634	0.805529	0.692715	0.498474	0.584141
0.98194	0.693098	1.008059	0.656326	0.687712	0.762037	0.469106	0.564038	0.617746	0.6662
0.769954	0.745288	0.884662	0.602767	0.668618	0.677276	0.650973	1.022342	0.706695	0.968134
0.664147	0.687785	0.834025	0.725565	0.89152	0.670052	0.693035	0.848329	0.630161	0.825618
1.103824	0.610587	0.78333	0.735051	0.922043	0.821593	0.718546	0.660211	0.687799	0.845319
1.037387	0.839123	1.119273	0.843416	1.243096	0.918735	0.852659	0.80526	0.679657	0.556969
0.716182	0.814403	1.096818	0.918835	1.001418	0.721031	0.63091	0.622729	0.620377	0.815369
0.514676	0.811585	0.891428	0.951121	0.731009	0.658938	0.857352	0.544861	0.600604	0.980656
0.643766	0.772655	0.54416	0.546466	0.467158	0.496822	0.905534	0.772369	0.814535	0.720815
0.848539	0.73693	0.612032	0.526732	0.504621	0.396677	0.693035	0.667116	0.80233	0.673445
0.580854	0.793701	0.574301	0.671592	0.731009	0.605504	0.759236	0.598293	0.640171	0.593589
0.654857	0.915845	0.499074	0.599245	0.595267	0.638479	0.857352	0.587398	0.732102	0.604137
0.730531	0.97098	0.656323	0.759714	0.573889	0.600244	0.951847	0.644828	0.650418	0.552206
0.813316	0.761251	0.622001	0.724394	0.66346	0.600244	0.738414	0.479499	0.653255	0.422189
0.657932	0.734572	0.607576	0.84188	0.482433	0.650052	0.664882	0.494606	0.510599	0.487081
0.657932	0.859024	0.629397	0.649381	0.476392	0.51721	0.663874	0.567977	0.688827	0.69265
0.681171	0.865336	0.671465	0.666443	0.434483	0.793506	0.70284	0.684358	0.80233	0.51154
0.906476	0.69956	0.710118	0.771286	0.547191	0.736256	0.760492	0.684358	0.637418	0.514425
0.765979	0.565293	0.532069	0.777851	0.756928	0.769693	0.639395	0.902936	0.579285	0.445017
0.688833	0.564497	0.592757	0.775213	0.78179	0.732695	0.507412	0.772369	0.745973	0.698138
0.715008	0.639841	0.792735	0.819472	0.587449	0.545462	0.485492	0.794461	0.582497	0.747208
0.611172	0.727571	0.841558	0.595752	0.645382	0.899222	0.587414	0.791803	0.518179	0.570754
0.804579	0.65037	0.760042	0.530458	0.549551	0.648102	0.625344	0.750141	0.575302	0.657059
0.563133	0.483496	0.592757	0.595752	0.583166	0.552431	0.70284	0.823401	0.668706	0.68508
0.559839	0.446822	0.644578	0.683138	1.031464	0.864241	0.584049	0.66911	0.856374	0.767463
0.806023	0.606189	0.713499	0.667468	0.693168	0.70521	0.679252	0.715449	0.524481	0.648107
0.684438	0.561328	0.632203	0.424113	0.511072	0.755758	0.801362	0.774911	0.546173	0.828592
0.651804	0.579872	0.526148	0.454442	0.602336	0.794868	0.87337	0.589057	0.711008	0.867586
0.696634	0.648436	0.729639	0.594015	0.675944	0.649076	0.848017	0.651491	0.642942	0.772678
0.682257	0.653286	0.869814	0.577025	0.686629	0.615317	0.670983	0.557808	0.680667	0.574062
0.734194	0.536033	0.819339	0.486371	0.830177	0.541638	0.691959	0.455636	0.584922	0.614947
0.602938	0.658191	0.636921	0.622664	0.92766	0.531106	0.715132	0.50612	0.621257	0.865957
0.530491	0.572521	0.482806	0.405759	0.640491	0.607272	0.697365	0.447165	0.532309	0.68508
0.436388	0.607065	0.629397	0.552723	0.527254	0.501657	0.698455	0.570357	0.543217	0.571579
0.602938	0.779123	0.817897	0.672629	0.576399	0.583994	0.65589	0.5222	0.691927	0.551417
0.673641	1.03886	0.692513	0.784517	0.937185	0.924213	1.030965	0.79048	0.770122	0.629792
0.625251	0.915845	0.46841	0.709448	0.918339	1.213711	0.855782	0.717678	0.878112	0.61041

0.349882	0.606189	0.483471	0.670557	0.697583	0.793506	0.578221	0.608598	0.737828	0.643212
0.482609	0.693098	0.48951	0.63965	0.631824	0.538603	0.618032	0.557036	0.588994	0.581599
0.739125	0.812991	0.540345	0.579531	0.589174	0.491363	0.59767	0.621832	0.603132	0.524677
0.820734	1.133855	0.723806	0.702719	0.642441	0.581483	0.601144	0.605135	0.624797	0.446871
0.775312	0.834657	0.926935	0.945246	0.762045	0.804524	0.558814	0.690611	0.509917	0.597077
0.681171	1.034146	0.891428	0.803744	0.75187	0.804524	0.589956	0.664143	0.487973	0.579913
1.162128	1.187136	0.772826	0.58121	0.498967	0.605504	0.66894	0.786535	0.551394	0.84223
1.174632	1.559627	0.735552	0.787212	0.721528	1.02511	0.607289	0.707738	0.499139	0.67449
1.332278	1.386797	1.980332	1.506777	1.587174	1.670831	0.644182	0.889456	0.524481	0.801134
1.305018	2.336208	1.446787	1.162862	1.158418	1.337031	0.574925	1.509676	0.786572	1.059363
0	0	0.581431	1.987028	1.017338	1.235731	0.837374	1.422224	1.406696	1.785888
0	0	0.290716	0.799384	1.778677	0.927356	1.428343	1.252421	1.124234	1.208581
0	1.048445	1.513941	0.407469	0.167395	0.547376	0.367848	1.188327	1.380608	0.960883
0	1.899791	0.524223	0.33479	0.083698	0.18832	2.508932	0.778087	0.206946	0.635651
0	0	0.262111	1.601425	0.209244	0.198782	2.039397	0.413891	0.310419	0.473035
0	0	0.131056	1.536093	1.124515	0.099391	0.049695	0.72479	3.433079	0.754361
0	0	2.048116	0.065528	0	0	0	1.741984	1.035688	0.871205
0.067032	1.708151	0	0	0	0	0	0.494024	0.988049	0.030877
0.613163	0.033516	0	0	0	1.670831	2.090071	0.247012	0.061753	0.046315
0.556644	0.29508	0	0	0	1.456678	2.585863	0.123506	0.061753	0.061753
0.65157	1.211129	0	0	0	2.568622	1.864583	0.061753	0.046315	1.551354
1.141481	0.746496	0.373248	0	0	1.244668	1.477917	0.030877	0.038596	0.036666
2.273191	1.296528	1.021512	1.891319	0.348047	1.01142	1.549085	1.367811	0.034736	0.035701
1.898959	1.437132	1.720527	0.696094	0.98127	1.948315	1.257705	1.778957	1.703658	1.089031
1.475989	0.865336	1.369368	0.951121	1.778677	1.43274	1.863636	1.082671	1.21435	1.254759
1.281458	1.514845	0.946355	2.326548	1.086803	2.111396	2.443599	2.138273	1.015563	0.968134
1.086928	0.94159	1.008503	0.977429	1.078727	1.196177	1.343499	1.60959	1.78549	1.021176
1.025237	1.408452	1.039577	1.070652	1.07469	0.7508	1.185382	1.43369	2.06445	1.206213
1.216844	1.312648	2.048116	0.809397	1.133502	1.376829	1.179985	1.174587	1.307378	1.258758
1.864527	1.99567	0.994194	1.042993	1.778677	1.444332	1.193901	0.889456	1.355998	1.96797
0.839072	0.945396	1.018594	1.006394	1.057271	2.17198	1.200859	1.207817	0.815913	0.870456
0.930846	1.351321	1.823926	0.958495	1.031832	1.071548	1.663431	1.051672	1.583433	0.985466
1.253134	1.259541	0.910597	0.677851	1.31038	0.845448	0.902485	1.005597	1.089813	1.323621
1.736455	1.300839	0.99923	0.412551	0.996975	1.670831	0.873967	0.959522	1.714446	1.127954
1.062756	0.898348	1.709175	0.971298	0.984136	3.741484	1.014719	0.824829	0.981939	0.49097
0.780736	1.356215	0.951909	0.942215	1.867375	0.909757	1.804915	1.069916	2.089618	1.178259
0.813316	1.431242	0.932521	0.927282	0.922043	0.692094	1.172409	1.474257	1.374579	1.723056
1.146011	1.567561	0.645545	0.829785	0.734618	1.346644	1.673612	1.274902	2.324443	0.805355
0.871468	0.923047	0.829567	0.813686	0.99477	1.150543	0.99931	0.717678	0.928715	0.750935
0.450191	1.229116	1.086012	1.378801	1.379242	0.882213	1.187384	1.002524	1.412107	1.378215
0.601129	2.179992	1.637073	1.288572	0.923907	1.004734	1.322478	1.741984	1.395161	2.011176
0.906476	1.305194	0.994882	1.536093	0.907412	1.670831	1.84888	1.457571	0.923381	0.460717
0.999647	0.758756	0.662317	1.144015	2.269932	1.347518	0.801362	0.851358	0.956415	0.775309
0.626206	1.036496	0.731995	1.858251	1.436108	1.258928	0.731298	0.806629	1.091801	1.235302
0.773966	1.708151	1.237769	1.87447	0.789947	1.387376	0.738414	0.877994	1.059682	1.027563
0.964927	1.437132	1.072871	1.275895	0.601446	1.6133	0.733657	1.109362	1.302068	0.76231
1.042343	1.170775	0.881318	1.040564	0.675944	1.524293	0.811148	1.002524	0.864013	0.773992

0.971229	1.376362	0.629397	0.852746	0.769836	1.247175	0.765554	0.975406	1.089204	1.198822
1.022848	0.903524	0.691436	1.086515	0.78179	1.068976	1.038059	0.908101	1.171628	1.054316
1.092488	0.964941	0.932521	1.06549	0.822714	1.251058	1.151888	1.321663	1.113151	0.78062
0.910138	0.608822	1.094091	1.097422	1.026704	2.242409	0.865287	1.374074	0.527311	0.736216
0.925099	0.654263	0.940082	1.513922	1.258965	1.414921	1.139668	1.553317	0.7413	1.152407
1.054988	0.679418	0.809347	1.492829	1.07418	0.989521	0.679252	1.093151	0.958326	1.01602
1.095294	0.613247	0.747625	0.87699	0.884639	1.681206	0.858927	1.931513	0.865557	1.127954
0.859852	0.907009	1.187778	0.604538	1.015028	2.111396	1.116212	1.225436	0.878112	0.79144
0.613023	0.493507	0.69576	0.557476	0.769836	0.792148	0.971849	0.909836	0.67865	1.16842
1.139727	0.539772	0.807938	0.752167	1.17809	0.574036	0.67821	0.683325	1.019956	1.292143
0.822233	0.71841	1.230265	0.58037	0.90383	0.823046	0.626267	1.024601	1.156254	1.24298
0.739125	0.636074	0.886344	0.548022	1.184851	1.079356	1.021683	1.143721	0.614263	0.966082
0.658962	0.919431	0.829567	0.71974	1.026704	1.022798	0.896836	0.63456	0.450712	1.059363
0.693274	0.943489	1.017072	1.217528	0.893257	0.635634	0.957751	0.785228	0.57451	0.754693
0.999647	0.773941	0.936285	0.792653	0.828674	0.466327	0.754246	0.777467	1.091801	0.978543
0.681171	0.907009	0.908819	0.754668	1.084872	0.793506	0.959737	0.566397	0.712093	0.687229
0.764661	0.783051	0.694675	0.77653	0.89152	0.725659	0.714	0.642943	0.67865	0.686153
0.5582	0.572521	0.535812	0.600123	0.722702	0.85318	0.841904	0.600846	0.902677	0.984911
0.482609	0.814403	0.484806	0.779176	0.412645	0.572398	0.790441	0.82056	0.968009	0.671363
0.666239	1.113683	0.447673	0.659336	0.410922	0.415627	0.654902	0.714339	0.89932	0.672403
0.734194	0.734572	0.54416	0.789924	0.469776	0.633747	0.884944	0.557036	0.80636	0.795568
0.684438	0.673246	0.474241	0.900907	0.551925	0.451227	0.685559	0.689562	1.16851	0.864334
0.595748	0.840622	0.720343	0.88369	0.573055	0.707435	0.492224	0.603415	0.793068	0.747208
0.592197	0.655241	0.564555	0.848056	0.610429	0.694253	0.62076	0.575964	0.889403	0.584141
0.57064	0.606189	0.430823	0.911574	0.441808	0.73745	0.684502	0.491277	0.66969	0.556969
0.804579	0.683581	0.617441	0.852746	0.62146	0.660938	0.672008	0.748939	0.708846	0.352586
0.654857	0.595812	0.469699	0.624519	0.392402	0.857886	0.353951	0.567186	0.835672	0.363695
0.797429	0.828773	0.819339	0.524512	0.451142	0.774873	0.609062	0.632718	0.620377	0.538989
0.967018	0.577408	0.779361	0.568772	0.595267	0.850071	0.766829	0.901228	0.723095	0.569931
0.885134	0.454777	0.679762	0.668495	0.637583	0.776178	0.715132	0.761113	0.525187	0.383043
0.776662	0.397035	0.493583	0.664401	0.916498	0.688876	0.540995	0.769842	0.298633	0.404417
0.758135	0.644595	0.704539	0.417716	0.540186	0.807323	0.721987	0.884507	0.519572	0.697035
1.162128	0.801864	0.915975	0.545691	0.702044	0.952688	0.805529	0.685394	0.521669	1.33305
1.054988	0.527188	1.14908	0.781838	1.136539	1.03212	0.748088	0.823401	0.697144	0.908633
0.874844	0.896636	1.354263	0.74968	1.11571	0.837852	0.884944	0.762349	1.017754	0.991373
1.225673	1.742692	1.091381	1.13189	1.053554	0.772276	1.04045	0.923975	1.412107	1.034697
2.772946	1.754844	1.060116	0.698291	1.363539	1.169517	1.464983	0.848329	1.482919	0.809619
0.823737	1.122214	1.493011	0.621739	1.652003	0.885561	1.791196	1.131963	0.971944	1.18845
0.888619	1.917348	1.374523	1.236125	0.987198	0.869069	2.179257	1.931513	0.988049	0.957969
1.118425	1.494075	1.666521	2.139368	0.962975	1.01142	2.679419	1.445466	1.902947	0.932601
1.557253	1.323061	0.752549	1.284305	1.104241	1.224582	0.957751	0.830585	1.36081	0.742288
0.9863	1.954746	0.559762	0.691732	1.705058	1.004734	0.787753	0.653414	0.847381	1.12205
0.760734	3.921669	0.932521	1.057861	1.061174	0.694253	1.019393	0.463653	1.094413	0.885919
1.27387	1.592271	1.198017	0.784517	0.858158	0.96261	1.028626	0.899526	1.141406	0.644186
1.291203	1.419698	1.344476	1.927113	0.635654	1.02511	1.180711	1.568896	1.177933	0.964039
1.221888	0.683581	0.603165	1.647888	1.17809	1.159927	0.602016	0.967391	1.105021	1.254759
1.015756	1.113683	0.832533	0.838238	0.843942	0.981062	0.868502	0.55396	1.011215	1.300906

[illegible]

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0.146028	0.073014	0	0	0	0	0	0	0	0
1.048386	1.232022	1.295881	0	0	0	0	0.237282	1.036431	0.237282
0.571298	0.78568	0.754772	0.772469	2.151072	1.143971	1.22393	0.68654	0.474565	0.998629
0.415213	0.526313	0.617019	0.967237	0.790166	0.727755	0.605985	0.594944	0.648594	0.885561
0.545042	0.353278	0.374739	0.518159	0.580157	0.794929	0.474909	0.510141	0.575954	0.568856
0.590583	0.443267	0.448185	0.430298	0.428939	0.634108	0.602502	0.539099	0.926712	0.611711
0.525419	0.504529	0.532904	0.457657	0.343616	0.664488	0.7147	0.474524	0.548303	0.584332
0.367543	0.479884	0.595914	0.452045	0.515851	0.753143	0.872797	0.661024	0.760114	0.49474
0.355401	0.433847	0.500717	0.480195	0.650669	0.560298	0.931547	0.783945	0.717409	0.383988
0.458527	0.369544	0.425571	0.402346	0.457932	0.313118	0.520543	0.65806	0.571895	0.469832
0.383745	0.346081	0.356061	0.414106	0.28844	0.34597	0.395374	0.447025	0.413788	0.387136
0.367543	0.532116	0.412435	0.430298	0.586972	0.55317	0.519109	0.402184	0.398885	0.41039
0.411223	0.610323	0.464999	0.492938	0.371978	0.35733	0.581343	0.543614	0.398343	0.462881
0.43036	0.484441	0.297449	0.379217	0.363684	0.422542	0.522703	0.572545	0.585855	0.484078
0.392894	0.297084	0.336261	0.385548	0.402323	0.502091	0.447961	0.661024	0.392422	0.526937
0.671393	0.40294	0.574968	0.529856	0.406269	0.50279	0.409046	0.428065	0.29003	0.337905
0.571298	0.429212	0.520462	0.484179	0.41197	0.441561	0.406277	0.525103	0.415476	0.596098
0.436932	0.317983	0.414126	0.33588	0.489685	0.41849	0.48208	0.679243	0.494387	0.501539
0.547364	0.412261	0.489153	0.346923	0.406269	0.35783	0.532927	0.490961	0.408209	0.346451
0.532111	0.40294	0.642057	0.463978	0.414272	0.294971	0.496107	0.508742	0.552147	0.462255
0.459794	0.329738	0.473981	0.38768	0.619964	0.37054	0.458416	0.395678	0.64667	0.432031
0.364475	0.421785	0.325998	0.363779	0.609891	0.33776	0.606861	0.372626	0.435079	0.4332

0.331147	0.514933	0.477888	0.344982	0.593896	0.40768	0.449788	0.285533	0.174634	0.312788
0.517376	0.49037	0.416959	0.495669	0.425966	0.500696	0.424311	0.41832	0.43097	0.336965
0.566404	0.484441	0.405182	0.484179	0.410252	0.365411	0.274862	0.388739	0.570281	0.395108
0.43513	0.53652	0.385708	0.44164	0.353534	0.340159	0.379517	0.406024	0.397261	0.395108
0.249654	0.514933	0.348712	0.469102	0.44227	0.326428	0.430688	0.346871	0.374104	0.202487
0.350934	0.398086	0.371655	0.368864	0.298044	0.39878	0.186247	0.374672	0.518003	0.310133
0.287637	0.419525	0.300917	0.501877	0.3301	0.337282	0.331416	0.32805	0.463092	0.41206
0.352418	0.389062	0.399139	0.470392	0.356049	0.464642	0.291916	0.396756	0.29899	0.454192
0.48527	0.462743	0.403526	0.556598	0.30159	0.505597	0.338441	0.499078	0.392422	0.336497
0.527638	0.469013	0.367069	0.462072	0.279889	0.442168	0.310995	0.439818	0.279599	0.341208
0.472019	0.380737	0.470109	0.400142	0.396192	0.31357	0.327254	0.398377	0.263811	0.300538
0.530615	0.474095	0.425571	0.345466	0.354036	0.363377	0.333278	0.399461	0.279187	0.338846
0.431548	0.484441	0.393716	0.462706	0.360614	0.47831	0.401883	0.451897	0.358995	0.406519
0.470716	0.350385	0.385179	0.371429	0.194458	0.497229	0.439536	0.325295	0.29684	0.329524
0.39617	0.371053	0.371143	0.42561	0.311494	0.359839	0.416894	0.479064	0.400516	0.415419
0.503125	0.282045	0.437326	0.403453	0.40911	0.386299	0.486705	0.540599	0.41604	0.473671
0.523945	0.246957	0.321868	0.381844	0.420664	0.399331	0.519109	0.702603	0.406549	0.486057
0.514488	0.327452	0.49934	0.412407	0.442885	0.49792	0.484717	0.577424	0.420009	0.46856
0.391808	0.390641	0.426152	0.394137	0.402884	0.519184	0.324959	0.599222	0.429221	0.563291
0.459794	0.448657	0.452482	0.385017	0.514395	0.434928	0.322676	0.575792	0.487678	0.497447
0.521013	0.402398	0.427314	0.3137	0.416006	0.52064	0.428358	0.528742	0.456227	0.618834
0.472672	0.381252	0.451865	0.43207	0.426559	0.672686	0.414637	0.477762	0.466248	0.511942
0.50948	0.474095	0.434358	0.56215	0.503632	0.525035	0.414075	0.589866	0.43626	0.646638
0.421557	0.535047	0.523358	0.511715	0.619964	0.513411	0.410158	0.571737	0.441615	0.597805
0.532111	0.479884	0.663582	0.582579	0.652662	0.610171	0.467854	0.460557	0.41604	0.571263
0.641466	0.477301	0.530682	0.540356	0.636005	0.581574	0.519109	0.525828	0.350661	0.479494
0.597497	0.49571	0.563665	0.541877	0.571786	0.529476	0.526326	0.520058	0.242099	0.474315
0.457895	0.479884	0.575787	0.489548	0.547598	0.565116	0.643399	0.754694	0.362473	0.487382
0.582934	0.483787	0.635426	0.475593	0.575115	0.494475	0.687495	0.882463	0.51233	0.609948
0.705767	0.546973	0.647822	0.488873	0.56602	0.570806	0.73658	0.700426	0.515867	0.580205
0.62631	0.474734	0.710125	0.506768	0.81412	0.629401	0.581343	0.611429	0.515867	0.550065
0.535119	0.484441	0.693692	0.520328	0.652662	0.54926	0.548729	0.611429	0.589206	0.711554
0.594027	0.519166	0.764786	0.512426	0.656676	0.384164	0.582169	0.592398	0.559153	0.708232
0.601875	0.560794	0.811536	0.489548	0.533707	0.460815	0.484717	0.591552	0.565477	0.633441
0.686098	0.577494	0.673731	0.492938	0.634087	0.634108	0.575598	0.573355	0.58669	0.609948
0.709133	0.445056	0.639202	0.371944	0.54917	0.749424	0.634906	0.676153	0.656377	0.669229
0.665241	0.443862	0.678895	0.54264	0.593896	0.553956	0.545674	0.625813	0.529577	0.774856
0.602756	0.484441	0.650734	0.444066	0.830354	0.563504	0.612149	0.61409	0.471347	0.742649
0.628175	0.537258	0.652686	0.467815	0.731284	0.619222	0.696017	0.593245	0.684773	0.573684
0.790682	0.588163	0.667613	0.519604	0.839472	0.59868	0.790588	0.484312	0.530311	0.509143
0.699111	0.546973	0.715744	0.575113	0.787433	0.65744	0.693871	0.629485	0.550605	0.481453
0.567216	0.508661	0.617019	0.567774	0.721812	0.649523	0.849207	0.701513	0.784469	0.472388
0.538148	0.5915	0.769882	0.615596	0.518776	0.591756	0.901179	0.695033	0.761363	0.564081
0.912227	0.661292	0.660583	0.503967	0.605389	0.459547	0.70691	0.547413	0.664303	0.379826
0.652201	0.643	0.623373	0.513852	0.764871	0.546157	0.669923	0.439222	0.493711	0.529853
0.488647	0.624543	0.86076	0.549563	0.643764	0.640785	0.715825	0.473879	0.618785	0.664217
0.617099	0.642058	0.661581	0.704438	0.678379	0.409369	0.831216	0.559797	0.995982	0.663221

0.738251	0.73623	0.527005	0.559762	0.62182	0.484302	0.723779	0.645446	1.065655	0.790566
0.714802	0.701439	0.489824	0.433848	0.617193	0.535468	0.687495	0.453738	0.728857	0.568856
0.546589	0.63738	0.636367	0.458285	0.633131	0.479634	0.777415	0.579062	0.611642	0.591859
0.466829	0.605108	0.702379	0.555811	0.668945	0.52725	0.667902	0.503883	0.723095	0.457895
0.564785	0.584029	0.580732	0.554241	0.683711	0.593477	0.690671	0.400005	0.768929	0.452965
0.544271	0.664251	0.543424	0.590175	0.49521	0.504893	0.608616	0.465584	0.766392	0.459136
0.55678	0.570258	0.514729	0.494301	0.456022	0.551602	0.596473	0.563741	0.749038	0.5036
0.505233	0.588163	0.439117	0.532085	0.503632	0.542309	0.697094	0.464952	0.648594	0.48871
0.630049	0.646787	0.435543	0.534325	0.439204	0.625672	0.636779	0.49365	0.735873	0.41206
0.705767	0.760252	0.478543	0.694582	0.373026	0.561898	0.780018	0.672067	0.898386	0.620633
0.478594	0.650608	0.466271	0.645489	0.593025	0.603063	0.616606	0.582358	0.721952	0.630664
0.432738	0.643	0.671682	0.830827	0.566839	0.634108	0.546436	0.560583	0.485024	0.450521
0.568844	0.653496	0.794934	0.761154	0.57428	0.618308	0.577232	0.503883	0.632504	0.534264
0.552832	0.616487	0.640152	0.661245	0.434948	0.807444	0.559592	0.665007	0.692171	0.640933
0.601875	0.557684	0.371655	0.621961	0.477504	0.869518	0.694942	0.887443	0.591736	0.576118
0.548919	0.613834	0.436731	0.788503	0.570957	0.727755	0.447961	0.68654	0.511626	0.610828
0.574591	0.746876	0.544948	0.859936	0.529926	0.592616	0.484056	0.504574	0.48968	0.676344
0.531363	0.729275	0.527738	0.775264	0.630275	0.723084	0.60424	0.747377	0.66933	0.740268
0.74923	0.588995	0.47528	0.593594	0.545252	0.788129	0.507804	0.587349	0.714033	0.685667
0.775982	0.607707	0.514017	0.688133	0.523944	0.650504	0.475556	0.584015	0.47911	0.679429
0.65023	0.543961	0.608984	0.844372	0.593896	0.753143	0.50364	0.626728	0.465615	0.67125
0.708008	0.732739	0.626125	0.773963	0.62182	0.728931	0.535149	0.679243	0.660322	0.695195
0.61528	0.617375	0.504873	0.680729	0.53068	0.859861	0.710231	0.757161	0.666307	0.587661
0.690392	0.540224	0.541148	0.474939	0.553123	0.707117	0.640549	0.752241	0.428059	0.618834
0.616188	0.582386	0.49934	0.615596	0.527673	0.590042	0.350896	0.744965	0.414913	0.591016
0.601875	0.638312	0.583226	0.683887	0.528423	0.622896	0.424887	0.530941	0.539964	0.560142
0.698011	0.692896	0.490497	0.654281	0.434343	0.635056	0.602502	0.660033	0.395642	0.545491
0.62168	0.50797	0.484479	0.532085	0.442885	0.759413	0.471047	0.744965	0.442814	0.423359
0.606298	0.479237	0.483815	0.442245	0.568482	0.732478	0.650122	0.837055	0.49642	0.595247
0.546589	0.485751	0.619731	0.693501	0.573447	0.481628	0.522703	0.669027	0.507426	0.506363
0.77467	0.510742	0.657605	0.864716	0.569305	0.567545	0.419163	0.636923	0.528114	0.553141
0.74923	0.666236	0.820081	0.74994	0.713689	0.905117	0.711344	1.035163	0.588366	0.632513
0.779942	0.494369	0.744984	0.56215	0.654664	0.821786	0.632111	0.785262	0.548303	0.742649
0.750467	0.679361	0.624288	0.630285	0.608987	0.68528	0.593914	0.562949	0.392422	0.916501
0.537389	0.497729	0.556552	0.722533	0.698997	0.556324	0.529981	0.483652	0.292996	0.689876
0.552047	0.531386	0.598496	0.720229	0.555512	0.585787	0.460287	0.520775	0.450689	0.727399
0.651214	0.492365	0.574968	0.530598	0.589556	0.539255	0.671954	0.670038	0.580052	0.86451
0.664223	0.463366	0.51189	0.520328	0.69678	0.683155	0.529247	0.628564	0.52015	0.679429
0.700213	0.586505	0.489824	0.609322	0.750872	0.592616	0.557241	0.486959	0.505341	0.655338
0.874366	0.584029	0.710125	0.606661	0.668945	0.639825	0.557241	0.488956	0.450689	0.617042
0.872721	0.774053	0.883456	0.727177	0.636005	0.584941	0.667902	0.610546	0.596842	0.618834
0.673464	0.597401	0.718012	0.526902	0.713689	0.723084	0.715825	0.706988	0.513035	0.684621
0.659174	0.52201	0.626125	0.611105	0.649675	0.603063	0.852279	0.579062	0.567873	0.458515
0.759228	0.52344	0.781569	0.779194	0.812673	0.513411	0.722634	0.552016	0.616093	0.591016
0.876018	0.564712	0.780254	0.673448	0.73489	0.52064	0.619302	0.555889	0.625133	0.618834
0.926856	0.632752	0.891858	0.591027	0.950904	0.651488	0.687495	0.593245	0.684773	0.664217
0.588019	0.643944	0.808724	0.506066	0.69678	0.824712	0.748554	0.629485	0.505341	0.610828

0.529124	0.647739	0.659588	0.516719	0.738526	0.481628	0.774828	0.501131	0.591736	0.672264
0.676588	0.72243	0.704578	0.63122	0.871326	0.486317	0.582998	0.564534	0.614307	0.70058
0.81014	0.683481	0.807325	0.752407	0.772701	0.528732	0.65695	0.603542	0.631575	0.70058
0.601875	0.7213	0.641103	0.70003	0.791539	0.405438	0.684342	0.635986	0.504648	0.554687
0.508769	0.652531	0.529207	0.536577	0.586972	0.580736	0.680173	0.522213	0.506729	0.596098
0.504529	0.575875	0.685175	0.689201	0.434343	0.437328	0.770976	0.566124	0.651496	0.790566
0.63477	0.726982	0.793579	0.645489	0.523202	0.45326	0.661894	0.691829	0.799219	0.68882
0.575418	0.655432	0.7882	0.617405	0.981747	0.637911	0.892637	0.693962	0.80471	0.627905
0.55678	0.670232	0.479855	0.63498	1.084665	0.712752	0.822493	0.530941	0.525201	0.55237
0.74188	0.74568	0.677857	0.894555	0.759728	0.626601	0.846156	0.460557	0.698615	0.612595
0.832004	0.78177	0.641103	0.751172	0.604494	0.46915	0.685391	0.598363	0.675442	0.563291
0.886059	0.850519	0.64397	0.567774	0.753384	0.543844	0.74133	0.715894	0.653442	0.475604
0.737048	0.872342	0.508367	0.493619	0.877987	0.595204	0.786594	0.776122	0.687928	0.535003
0.449759	0.713468	0.440315	0.540356	0.923968	0.590042	0.628413	0.469393	0.777926	0.60124
0.361936	0.626354	0.520462	0.608433	0.713689	0.75439	0.483396	0.522934	0.753926	0.739082
0.43036	0.779182	0.763522	0.737811	0.553918	0.546157	0.546436	0.641637	0.55447	0.472388
0.570478	0.7247	0.638255	0.569394	0.580157	0.533962	0.793271	0.579062	0.648594	0.502912
0.528381	0.647739	0.519022	0.554241	0.758452	0.691716	0.869577	0.637862	0.531782	0.417673
0.66626	0.680388	0.723735	0.706659	0.833372	0.774841	0.715825	0.673085	0.813078	0.584332
0.646313	0.878783	0.793579	0.836795	0.703465	0.705998	0.601636	0.631333	0.888222	0.631588
0.56966	0.952906	0.63075	0.814825	0.747131	0.713888	0.516967	0.458687	0.743004	0.541716
0.474637	0.735063	0.581562	0.687068	0.858303	0.84731	0.569125	0.490961	0.665303	0.540965
0.522477	0.692896	0.586573	0.722533	0.619038	0.591756	0.770976	0.528012	0.666307	0.439689
0.594027	0.62274	0.60546	0.568583	0.446598	0.440953	0.421443	0.587349	0.760114	0.406519
0.655176	0.825416	0.488482	0.811978	0.433739	0.648543	0.441927	0.741372	0.740614	0.529853
0.685031	0.837049	0.448185	0.764957	0.586972	0.568358	0.605112	0.798663	0.695381	0.703843
0.637627	0.667232	0.425571	0.741414	0.429536	0.563504	0.683296	0.600083	0.530311	0.560142
0.62076	0.624543	0.570898	0.867932	0.704589	0.737253	0.657934	0.574978	0.535482	0.484078
0.526897	0.620944	0.64493	0.845904	0.499401	0.7519	0.535149	0.715894	0.620589	0.563291
0.548919	0.909016	0.789539	0.702229	0.520246	0.565924	0.558023	0.572545	0.666307	0.77873
0.464258	0.780474	0.620638	0.756134	0.5974	0.711619	0.60424	0.595796	0.563888	0.643776
0.693641	0.553828	0.524085	0.691346	0.559524	0.733667	0.521981	0.484312	0.529577	0.442073
0.669333	0.543211	0.726045	0.640681	0.580157	0.874429	0.542641	0.620363	0.453142	0.501539
0.687168	0.55691	0.762261	0.680729	0.467607	0.926851	0.598187	0.60703	0.513035	0.541716
0.858191	0.620049	0.659588	0.697843	0.495906	0.761946	0.748554	0.829685	0.464983	0.669229
0.876018	0.861293	0.679936	0.588475	0.523944	0.864663	0.727233	0.783945	0.616988	0.732035
0.838025	0.607707	0.700191	0.692422	0.565203	0.855112	0.640549	0.894173	0.78184	0.702752
0.521745	0.44926	0.485809	0.564552	0.671024	0.620138	0.546436	1.032824	0.707358	0.920079
0.814426	0.521297	0.661581	0.572653	0.629328	0.360343	0.396452	0.605283	0.378223	0.82669
0.861378	0.606839	0.679936	0.518881	0.65971	0.562701	0.521981	0.669027	0.29684	0.662228
0.760494	0.539481	0.700191	0.689201	0.575951	0.628466	0.519109	0.72384	0.55447	0.567259
0.695821	0.529931	0.655631	0.690272	0.555512	0.48902	0.558023	0.729606	0.578408	0.740268
0.596627	0.38384	0.585734	0.526902	0.633131	0.602183	0.516967	0.695033	0.518718	0.691996
0.726368	0.449864	0.508367	0.525433	0.522461	0.506301	0.575598	0.753466	0.598557	0.842927
0.81014	0.579933	0.692618	0.59704	0.600932	0.574091	0.548729	0.774832	0.613417	0.739082
0.611665	0.55691	0.96365	0.753646	0.790166	0.697154	0.423736	0.696106	0.531046	0.78003
0.592302	0.479237	0.715744	0.525433	0.702343	0.577401	0.538879	0.693962	0.528845	1.022977

0.805897	0.49571	0.746195	0.590175	0.544473	0.540016	0.531451	0.578242	0.735873	0.802734
0.763037	0.680388	0.775037	0.698935	0.529926	0.544613	0.471688	0.439818	0.602008	0.606444
0.628175	0.477946	0.743776	0.546472	0.536756	0.704883	0.588002	0.670038	0.563888	0.548535
0.591442	0.448657	0.740171	0.552676	0.603601	0.619222	0.510603	0.770984	0.593432	0.712667
0.63477	0.365047	0.655631	0.510296	0.720642	0.48902	0.439536	0.642586	0.67853	0.740268
0.801694	0.608577	0.649761	0.591881	0.685862	0.509842	0.599908	0.611429	0.674417	0.844433
0.608079	0.635523	0.752304	0.616499	0.705716	0.497229	0.616606	0.59665	0.418872	0.403228
0.612566	0.775329	0.918085	0.915652	0.922107	0.687415	0.64819	0.683398	0.404345	0.402136
0.665241	0.590663	0.723735	0.712262	0.922107	0.627533	0.790588	0.838545	0.58669	0.626076
0.63477	0.573459	0.685175	0.399593	0.604494	0.540779	0.890949	0.806906	0.676468	0.740268
0.609868	0.648693	0.665593	0.440432	0.577629	0.547705	0.783952	0.445212	0.608993	0.819506
0.534366	0.650608	0.768602	0.371944	0.57847	0.569988	0.627493	0.550476	0.526655	0.65339
0.530615	0.676297	0.714614	0.489548	0.558718	0.465283	0.709121	0.722696	0.514449	0.818083
0.553619	0.88204	0.68623	0.605777	0.69678	0.483632	0.715825	0.726137	0.64667	0.930994
0.671393	0.600809	0.683072	0.561353	0.571786	0.531713	0.602502	0.530941	0.801956	0.742649
0.496861	0.602524	0.88014	0.666288	0.603601	0.477649	0.743725	0.571737	0.625133	0.580205
0.40113	0.629998	0.965657	0.869549	0.839472	0.696061	0.758377	0.667012	0.585021	0.635302
0.551263	0.620944	0.658596	0.806339	0.766166	0.720766	0.840119	0.522213	0.522307	0.717147
0.602756	0.771511	0.653665	0.683887	0.553918	0.5799	0.867975	0.690766	0.568674	0.733201
0.639542	0.743298	0.611646	0.650352	0.600932	0.467213	0.646267	0.726137	0.810271	0.539467
0.470716	0.823983	0.614324	0.77657	0.782018	0.52651	0.668911	0.790573	0.709572	0.553913
0.537389	0.683481	0.61522	0.871172	0.743423	0.586635	0.872797	0.760888	0.926712	0.539467
0.586317	0.729275	0.524085	0.743833	0.491749	0.632219	0.671954	0.724987	1.136651	0.630664
0.68824	0.698216	0.524085	0.622878	0.622752	0.677889	0.537383	0.625813	0.706255	0.641878
0.651214	0.707959	0.557336	1.0076	0.797075	0.770932	0.569929	0.776122	0.733521	0.669229
0.673464	0.711256	0.602836	1.0076	0.88646	0.638867	0.769699	0.650254	0.888222	0.629743
0.619842	0.611198	0.550325	0.903221	0.69678	0.713888	0.915206	0.591552	0.921258	0.576118
0.681846	0.834111	0.572521	0.727177	0.517311	0.792197	0.82975	0.543614	0.697534	0.590175
0.639542	0.680388	0.453099	0.764957	0.526925	0.835112	0.768427	0.616767	0.590048	0.536486
0.642431	0.815486	0.570088	0.80915	0.787433	0.65844	0.580517	0.46685	0.504648	0.576932
0.732269	0.972589	0.916286	0.971313	0.792916	0.770932	0.635841	0.705888	0.771481	0.672264
0.616188	0.533579	0.752304	0.886059	0.750872	0.910449	0.686442	0.708091	0.834732	0.615258
0.710261	0.549246	0.587414	0.74021	0.662767	0.864663	0.464685	0.783945	0.585855	0.464137
0.656172	0.850519	0.634486	0.77657	0.605389	0.744515	0.469129	0.623989	0.674417	0.519732
0.763037	0.84749	0.577429	0.577588	0.463065	0.748192	0.682253	0.698261	0.639057	0.609948
0.833501	0.582386	0.727205	0.787161	0.62182	1.021981	0.821056	0.913238	0.675442	0.63437
0.732269	0.491699	0.614324	0.784489	0.700109	0.953663	0.697094	0.973992	0.788442	0.652419
0.561565	0.535783	0.746195	0.621961	0.502217	0.748192	0.545674	0.954078	0.65736	0.666214
0.735848	0.7213	0.821521	0.853643	0.459209	0.652475	0.55646	0.635052	0.525927	0.65339
0.720547	0.825416	0.815787	0.807742	0.49313	0.826183	0.41746	0.597506	0.645711	0.656316
0.792043	0.679361	0.703477	0.642598	0.739745	0.859861	0.647228	0.742566	0.712913	0.687766
0.728719	0.757789	0.702379	0.513852	0.639867	0.863057	0.819624	1.051904	0.734695	0.774856
0.770758	0.605973	0.766055	0.668322	0.639867	0.678937	0.528515	0.684443	0.675442	0.869278
0.867824	0.494369	0.758501	0.751172	0.550747	0.70045	0.518394	0.639745	0.651496	0.805484
0.752952	0.594862	0.863931	0.589324	0.667909	0.756894	0.565924	0.777416	0.628803	0.662228
0.773362	0.573459	0.862343	0.757383	0.965025	0.988616	0.675018	0.589025	0.595133	0.847462
0.661187	0.560014	0.621548	0.695666	0.973306	0.692798	0.863207	0.655116	0.744204	0.832524

0.783938	0.513532	0.675789	0.599643	0.842554	0.600428	0.651091	0.609664	0.746614	0.967485
0.823126	0.487066	0.713488	0.56616	0.758452	0.654454	0.692802	0.78791	0.637175	0.806866
0.772058	0.441485	0.711243	0.491579	0.770075	0.765775	0.742526	0.894173	0.513741	0.665214
0.647289	0.455337	0.721437	0.686005	0.795684	0.576571	0.754667	0.735449	0.49778	0.8
0.743096	0.516339	0.805931	0.543404	0.75591	0.465283	0.650122	0.619461	0.680601	0.961515
0.912227	0.59825	0.822967	0.611105	0.623685	0.45451	0.569929	0.780016	0.792452	0.783951
0.746766	0.595707	0.738976	0.604016	0.871326	0.325497	0.573971	0.780016	0.785789	0.743845
0.505233	0.55691	0.733051	0.669342	1.212494	0.636957	0.7559	0.91147	0.683726	0.845945
0.500329	0.403483	0.704578	0.729517	0.836411	0.582413	0.797327	0.681316	0.700784	1.005135
0.672427	0.542462	0.86076	0.616499	0.71484	0.569173	0.566722	0.740181	0.843706	1.066021
0.785279	0.684517	0.759751	0.451426	0.684785	0.649523	0.787921	0.915013	0.964933	0.828141
0.670362	0.700362	0.649761	0.53733	0.94499	0.627533	0.7354	0.68654	0.641896	0.706032
0.485944	0.639245	0.602836	0.717938	0.643764	0.859861	1.049924	0.671051	0.673395	0.54701
0.572941	0.605973	0.579904	0.671391	0.736099	0.705998	0.831216	0.553561	0.676468	0.585993
0.584623	0.88204	0.865525	0.591881	0.612615	0.540016	0.719216	0.519342	0.699698	0.618834
0.757965	0.90728	0.822967	0.550339	0.591287	0.547705	0.701429	0.642586	0.733521	0.469196
0.733459	0.770245	0.556552	0.624718	0.759728	0.691716	0.85074	0.6249	0.779227	0.608192
0.659174	0.5915	0.554206	0.77657	0.969146	0.70377	0.763373	0.589866	1.251426	0.670238
0.693641	0.624543	0.531421	0.640681	0.664816	0.533962	0.675018	0.737809	1.197023	0.77873
0.672427	0.554597	0.554206	0.525433	0.629328	0.374166	0.734224	0.863094	0.896675	0.704936
0.49617	0.579118	0.51189	0.588475	0.564387	0.416765	0.785271	0.633188	0.791112	0.611711
0.505233	0.692896	0.554986	0.65626	0.655669	0.621975	0.87931	0.59665	0.780531	0.539467
0.582093	0.593178	0.627046	0.670365	0.439204	0.59868	0.632111	0.609664	0.762614	0.596951
0.549699	0.730427	0.544948	0.802158	0.536756	0.558704	0.636779	0.678211	0.888222	0.815252
0.487293	0.834111	0.574151	0.661245	0.801274	0.691716	0.678104	0.639745	0.818748	0.461629
0.546589	0.712361	0.562074	0.77788	0.72416	0.836618	0.790588	0.621267	0.715155	0.507751
0.607187	0.681416	0.554986	0.717938	0.655669	0.874429	0.906386	0.646403	0.744204	0.67737
0.563978	0.618264	0.56928	0.756134	0.391788	0.662463	0.551805	0.528012	0.640948	0.595247
0.499634	0.784373	0.598496	0.835295	0.502924	0.73011	0.753437	0.667012	0.784469	0.776143
0.479257	0.792277	0.526273	0.894555	0.726522	0.778785	0.723779	0.698261	0.839196	0.555462
0.434531	0.784373	0.607218	1.030454	0.631225	0.676843	0.647228	0.637862	0.852868	0.581851
0.591442	0.732739	0.442119	0.761154	0.634087	0.823247	0.530715	0.629485	0.760114	0.663221
0.532111	0.717926	0.459322	0.616499	0.467607	0.608383	0.542641	0.575792	0.788442	0.855129
0.530615	0.69184	0.51687	0.649375	0.547598	0.510553	0.738948	0.801393	0.557586	0.678398
0.751708	0.825416	0.535884	0.758637	0.532948	0.732478	0.742526	0.837055	0.622401	0.62244
0.756707	0.653496	0.587414	0.764957	0.473518	0.622896	0.676044	0.840039	0.603744	0.550832
0.474637	0.510047	0.497968	0.642598	0.504342	0.676843	0.544155	0.895872	0.617886	0.507751
0.455375	0.612075	0.521184	0.646457	0.584404	0.656442	0.580517	0.548942	0.531782	0.471108
0.459794	0.690786	0.511183	0.664264	0.4822	0.606603	0.406277	0.557448	0.43097	0.47047
0.574591	0.684517	0.515441	0.772664	0.488314	0.701554	0.547963	0.602675	0.417737	0.44327
0.631931	0.561575	0.663582	0.917457	0.731284	0.921314	0.661894	0.635986	0.535482	0.63437
0.580414	0.542462	0.506966	0.702229	0.616274	0.753143	0.544155	0.743764	0.526655	0.679429
0.468768	0.607707	0.400779	0.543404	0.509339	0.513411	0.459663	0.666008	0.747824	0.783951
0.599243	0.633674	0.446356	0.607546	0.515122	0.546157	0.542641	0.744965	0.508123	0.613481
0.623526	0.602524	0.562869	0.759893	0.482875	0.467858	0.613926	0.670038	0.452527	0.639989
0.62631	0.499081	0.464365	0.735425	0.568482	0.599553	0.541886	0.759642	0.559939	0.654363
0.524681	0.437943	0.544948	0.607546	0.524687	0.651488	0.494751	0.632259	0.515157	0.443869

0.62631	0.621841	0.586573	0.607546	0.41197	0.561898	0.423736	0.500445	0.510923	0.607317
0.646313	0.690786	0.521184	0.680729	0.598281	0.877733	0.650122	0.695033	0.411548	0.578566
0.644367	0.689735	0.538884	0.814825	0.704589	0.892924	0.636779	0.687593	0.499145	0.67125
0.793409	0.757789	0.633549	0.675516	0.573447	0.697154	0.385264	0.584846	0.437444	0.665214
0.733459	0.604245	0.752304	0.534325	0.47884	0.575742	0.464685	0.498395	0.395104	0.630664
0.595758	0.574263	0.688349	0.623797	0.467607	0.626601	0.432443	0.535372	0.337273	0.639048
0.470066	0.358632	0.570898	0.623797	0.51658	0.672686	0.450399	0.520775	0.418872	0.544734
0.731082	0.545464	0.716877	0.789849	0.702343	0.699348	0.50226	0.639745	0.522307	0.78003
0.853453	0.770245	0.786866	0.847441	0.941091	0.609276	0.498149	0.765907	0.571895	0.813843
1.078961	0.665243	0.627046	0.529116	0.583551	0.52799	0.524873	0.649288	0.506729	0.708232
0.934359	0.67528	0.573335	0.572653	0.590421	0.569173	0.525599	0.551245	0.556025	0.575305
0.971887	0.643944	0.836197	0.965213	0.761008	0.718461	0.559592	0.712533	0.606361	0.655338
0.793409	0.715691	0.822967	0.783159	0.56276	0.672686	0.71246	0.925821	0.692171	0.925502
0.69473	0.590663	0.859184	0.658247	0.672067	0.534714	0.697094	0.722696	0.691107	0.869278
0.797532	0.41504	0.624288	0.702229	0.664816	0.50279	0.630258	0.618562	0.661314	0.70058
0.710261	0.540224	0.574968	0.471686	0.610797	0.648543	0.748554	0.539099	0.53252	0.602103
0.665241	0.573459	0.786866	0.507472	0.655669	0.605715	0.547963	0.647363	0.463721	0.697341
0.630989	0.563926	0.851385	0.558177	0.633131	0.45015	0.560378	0.620363	0.446431	0.70058
0.503125	0.570258	0.878492	0.50049	0.671024	0.509131	0.673994	0.709198	0.455608	0.676344
0.680789	0.589828	0.769882	0.59704	0.615356	0.544613	0.811128	0.497714	0.587527	0.516173
0.651214	0.469645	0.723735	0.469102	0.750872	0.650504	0.664888	0.459933	0.49642	0.484737
0.44914	0.450468	0.720292	0.516	0.569305	0.623819	0.614818	0.711418	0.572704	0.531318
0.505233	0.500437	0.729534	0.630285	0.608987	0.443998	0.737762	0.64069	0.620589	0.578566
0.71824	0.582386	0.688349	0.574292	0.586115	0.467213	0.77612	0.794599	0.774047	0.555462
0.600119	0.555367	0.562074	0.405118	0.628382	0.54693	0.716952	0.544371	0.658345	0.682537
0.442383	0.559236	0.768602	0.490901	0.647696	0.587484	0.682253	0.48037	0.493037	0.541716
0.470716	0.504529	0.677857	0.433254	0.737311	0.578232	0.797327	0.578242	0.569477	0.576932
0.51593	0.597401	0.518303	0.41982	0.648685	0.533211	0.593065	0.43685	0.599417	0.514758
0.681846	0.667232	0.570088	0.516719	0.576789	0.546157	0.515544	0.441608	0.693239	0.480799
0.557574	0.537258	0.698013	0.621046	0.666875	0.479634	0.63866	0.627645	0.595987	0.498807
0.577077	0.587333	0.833222	0.694582	0.750872	0.420222	0.635841	0.425752	0.574326	0.402136
0.613468	0.495039	0.712364	0.611105	0.715994	0.571625	0.825381	0.449454	0.664303	0.618834
0.545042	0.66823	0.60546	0.557387	0.444738	0.611966	0.658921	0.444007	0.653442	0.631588
0.548141	0.638312	0.573335	0.45453	0.466956	0.515567	0.471688	0.428065	0.701873	0.502912
0.573765	0.535047	0.433766	0.507472	0.619964	0.48902	0.558807	0.473879	0.526655	0.484737
0.451001	0.55846	0.438519	0.490224	0.587832	0.29889	0.590526	0.401093	0.583359	0.437318
0.527638	0.618264	0.477888	0.457657	0.470224	0.287663	0.524149	0.442806	0.529577	0.472388
0.600119	0.701439	0.5942	0.528377	0.555512	0.407118	0.562746	0.533151	0.552147	0.475604
0.693641	0.661292	0.629821	0.553457	0.502924	0.407118	0.646267	0.465584	0.568674	0.429121
0.605409	0.594862	0.538884	0.481519	0.575951	0.437328	0.441328	0.395678	0.503266	0.37776
0.543501	0.596553	0.671682	0.555811	0.494516	0.460815	0.580517	0.471951	0.651496	0.457895
0.524681	0.572657	0.532904	0.574292	0.480853	0.493105	0.780018	0.532413	0.659332	0.357621
0.442383	0.664251	0.519022	0.503269	0.45985	0.50279	0.661894	0.499078	0.628803	0.377245
0.470716	0.505902	0.521908	0.436829	0.634087	0.693883	0.569125	0.47067	0.565477	0.41206
0.470716	0.482482	0.419239	0.445284	0.694574	0.507007	0.5002	0.395141	0.636236	0.555462
0.431548	0.587333	0.49934	0.550339	0.602709	0.514129	0.617503	0.48037	0.717409	0.730871
0.415213	0.609449	0.477888	0.644523	0.584404	0.531713	0.74977	0.599222	0.735873	0.484737

0.466829	0.648693	0.430822	0.525433	0.590421	0.424874	0.708014	0.569323	0.72539	0.341682
0.516652	0.537258	0.504873	0.551895	0.697887	0.574091	0.690671	0.563741	0.510221	0.427385
0.349455	0.651568	0.636367	0.534325	0.779335	0.641747	0.789253	0.540599	0.673395	0.493393
0.385346	0.704687	0.692618	0.70003	0.583551	0.525035	0.757137	0.540599	0.707358	0.55237
0.729899	0.822555	0.599361	0.973366	0.662767	0.516288	0.628413	0.635986	0.747824	0.592704
0.815864	0.930407	0.668627	0.751172	0.537521	0.554744	0.667902	0.532413	0.739424	0.65339
0.738251	0.751692	0.659588	0.658247	0.49521	0.635056	0.720352	0.663011	0.78184	0.62244
0.614373	0.643	0.613429	0.77657	0.650669	0.604829	0.772256	0.631333	0.865394	0.581027
0.605409	0.746876	0.618825	0.891137	0.547598	0.660446	0.85849	0.768438	1.017987	0.641878
0.756707	0.877164	0.560489	0.781833	0.566839	0.635056	0.778715	0.913238	1.015736	0.62244
0.659174	0.816891	0.469467	0.688133	0.652662	0.688486	0.558807	0.684443	0.833255	0.646638
0.48797	0.779182	0.590794	0.789849	0.632177	0.746962	0.675018	0.600083	0.774047	0.767209
0.56966	0.934077	0.565262	0.779194	0.653662	0.681041	0.778715	0.635986	0.903558	0.745043
0.548919	1.014853	0.695847	0.981675	0.648685	0.686346	0.988821	0.75102	0.914091	0.631588
0.676588	0.780474	0.652686	1.012076	0.664816	0.696061	0.920585	0.778714	0.875031	0.669229
0.797532	0.770245	0.542664	0.817691	0.647696	0.778785	0.678104	0.670038	0.62331	0.892248
0.701318	0.771511	0.552649	0.77008	0.598281	0.884419	0.727233	0.645446	0.629725	0.858233
0.953706	0.909016	0.738976	0.955232	0.534467	0.945832	0.82975	0.800026	0.641896	0.73672
1.022132	0.93964	0.984144	0.955232	0.544473	1.533541	0.897742	1.007886	0.780531	0.643776
1.068528	0.749277	0.930888	0.836795	0.632177	1.189103	0.795971	0.999161	0.629725	0.706032
0.941995	0.850519	0.647822	0.833801	0.569305	0.894645	0.729551	0.752241	0.499829	0.694126
1.071113	0.77661	0.790881	0.82494	0.635045	0.934344	0.558807	0.754694	0.658345	0.971511
1.214121	0.811299	0.751076	0.77137	0.513669	0.776151	0.612149	0.918586	0.735873	1.048771
0.936256	0.858188	0.912711	0.56215	0.5974	0.745737	0.73658	1.032824	0.710683	1.154985
0.90157	0.743298	1.03061	0.752407	0.802683	0.691716	0.587164	1.066785	0.596842	1.05363
0.945864	0.66923	0.944081	0.869549	1.021906	0.746962	0.800053	0.963921	0.712913	0.859794
0.789325	0.52848	0.868731	0.603138	0.89685	0.990762	0.72839	0.959957	0.68164	0.875718
0.838025	0.714578	0.885123	0.546472	0.779335	0.693883	0.731881	0.954078	0.863808	1.111008
0.737048	0.780474	0.893558	0.681779	1.012655	1.081349	1.115367	1.02131	0.714033	1.345569
0.886059	0.845983	0.764786	0.990146	1.231009	0.995087	1.339633	0.790573	0.823049	1.313303
0.797532	0.756563	0.713488	0.779194	1.216135	0.696061	0.874416	0.805521	0.859086	0.872486
1.27598	0.875551	0.836197	0.610213	0.965025	0.719612	0.940898	0.841538	0.828851	0.899041
0.751708	0.935923	0.752304	0.654281	0.909295	0.671652	1.312114	0.954078	0.666307	0.907683
0.558369	0.872342	0.730703	0.803547	0.861522	0.759413	0.999506	0.672067	0.859086	0.560142
0.782602	0.743298	0.842209	0.922918	0.802683	0.864663	0.705808	0.626728	0.784469	0.68882
0.841067	0.864422	0.642057	0.829348	0.9569	0.705998	0.708014	0.813897	1.060646	0.850513
0.881009	1.081918	0.854488	0.904975	1.063579	0.573267	0.902908	0.697182	1.070723	0.62244
0.759228	1.095065	0.902159	1.139209	0.818487	0.823247	1.001675	0.703695	1.015736	0.806866
0.591442	0.898703	0.604583	0.871172	0.856702	1.153255	0.774828	0.700426	0.977087	0.658278
0.765596	1.044708	0.759751	0.922918	0.545252	0.73011	0.669923	0.773546	0.751475	0.553913
0.765596	1.069157	0.651709	1.025786	0.625558	0.767058	0.569125	0.816725	0.614307	0.5226
0.662197	0.883678	0.843725	1.12149	0.818487	0.945832	0.677073	0.980149	0.620589	0.535003
0.820206	0.819714	0.800398	1.236813	0.975401	1.111532	0.853824	0.837055	0.792452	0.585162
0.601875	0.835577	0.932749	0.884379	0.738526	0.924997	0.554126	0.712533	0.768929	0.707131
0.876018	1.278316	1.044854	0.917457	0.400642	0.75066	0.551034	0.669027	0.652468	0.867683
1.073714	1.552969	0.905648	0.785823	0.444119	0.75439	0.557241	1.001326	0.575139	0.686715
1.078961	1.003895	0.891858	0.881039	0.634087	0.6758	0.480767	0.933178	0.712913	0.708232

0.896338	0.672245	0.769882	0.908505	0.907495	0.919484	0.675018	1.256824	0.808874	0.955627
0.7542	0.705775	0.636367	0.807742	0.889895	0.851975	0.721491	1.090109	0.780531	1.022977
1.053335	0.805779	0.854488	0.777788	0.615356	0.827658	0.944696	1.056808	0.585855	1.167505
0.957681	0.665243	0.705682	0.945476	0.67944	0.866275	0.748554	0.880815	0.626964	0.833995
0.917655	0.685556	0.763522	0.844372	0.767465	0.94005	0.682253	0.816725	0.530311	0.918287
0.953706	0.923159	0.942171	0.906737	0.935308	0.73011	0.685391	0.789239	0.556805	0.728553
0.874366	0.856643	1.107017	0.679681	0.888174	0.622896	0.676044	0.849115	0.627882	0.743845
0.850323	0.72243	0.748629	0.581743	0.730089	0.636957	0.815355	0.789239	0.762614	0.951745
0.743096	0.710154	0.746195	0.726011	1.003597	0.886107	0.958255	0.880815	0.638115	0.825244
0.612566	0.623641	1.005652	0.742622	1.081973	0.853541	0.889267	1.001326	0.825941	1.197069
0.649247	0.78177	0.905648	0.844372	0.960944	0.590042	0.908136	0.789239	0.72539	0.869278
0.696915	0.770245	0.656617	0.568583	0.721812	0.671652	0.984619	0.777416	0.820177	0.664217
0.775982	0.738573	0.715744	0.450191	0.736099	0.590042	0.793271	0.536859	0.868582	0.918287
0.610765	0.594862	0.805931	0.56616	0.747131	0.507007	0.697094	0.481024	0.682682	1.002955
0.532111	0.864422	0.883456	0.795277	0.722984	0.630338	0.797327	0.421734	0.915872	0.867683
0.528381	0.831193	0.888478	0.99229	0.775342	0.727755	1.028587	0.744965	0.932235	0.841425
0.685031	0.784373	0.68623	0.859936	0.674161	0.792197	0.822493	0.75102	0.655397	0.655338
0.807307	0.841493	0.519741	0.733052	0.587832	0.753143	0.650122	0.445815	0.723095	0.877343
0.572118	0.761488	0.461836	0.651331	0.671024	0.683155	0.685391	0.415495	0.705156	0.781333
0.457263	0.671237	0.485809	0.716797	0.465006	0.817434	0.82975	0.62308	0.687928	0.603834
0.529869	0.540969	0.669643	0.820576	0.718312	0.74208	0.691735	0.954078	0.607236	0.5226
0.720547	0.546218	0.60546	0.965213	0.827357	0.877733	0.622924	0.904468	0.572704	0.5516
0.585469	0.599102	0.616119	0.945476	0.577629	0.796302	0.558023	0.834092	0.711796	0.811039
0.647289	0.629084	0.596773	0.724849	0.558718	0.769637	0.524873	0.777416	0.808874	0.716022
0.678683	0.501796	0.589101	0.467815	0.587832	0.912241	0.559592	0.729606	0.599417	0.751088
0.745539	0.513532	0.589946	0.535825	0.526178	0.54693	0.585493	0.882463	0.518718	0.747451
0.735848	0.539481	0.548782	0.607546	0.614441	0.55082	0.577232	0.695033	0.528114	0.625164
0.772058	0.467752	0.862343	0.575113	0.572616	0.649523	0.678104	0.872671	0.573514	0.691996
0.790682	0.534312	0.756012	0.579245	0.49521	0.634108	0.657934	1.056808	0.710683	0.743845
0.62538	0.725839	0.595914	0.458914	0.528423	0.648543	0.682253	0.797304	0.639057	0.888892
0.61528	0.570258	0.487143	0.539598	0.573447	0.589188	0.822493	0.597506	0.679564	1.046362
0.693641	0.535783	0.705682	0.472335	0.806936	0.523565	0.730714	0.627645	0.842197	0.927325
0.71824	0.629998	0.792228	0.506768	0.825866	0.547705	0.860057	0.635052	0.721952	0.649519
0.683967	0.83265	0.758501	0.466532	0.730089	0.588335	0.626575	0.539099	0.637175	0.648556
0.490005	0.728127	0.693692	0.623797	0.622752	0.539255	0.606861	0.44642	0.714033	0.461629
0.648267	0.760252	0.793579	0.881039	0.713689	0.593477	0.66289	0.483652	0.564682	0.47625
0.630049	0.793608	0.553427	0.474939	0.627439	0.479634	0.542641	0.567721	0.597699	0.482763
0.446055	0.66923	0.667613	0.493619	0.657685	0.509842	0.678104	0.491632	0.66933	0.477545
0.596627	0.678337	0.576607	0.686005	0.979621	0.662463	0.752211	0.504574	0.707358	0.592704
0.728719	0.674266	0.551873	0.753646	0.744655	0.711619	0.637718	0.662016	0.733521	0.589335
0.576247	0.654463	0.517586	0.762418	0.466956	0.53022	0.505023	0.586513	0.571087	0.535744
0.612566	0.777894	0.558122	0.679681	0.426559	0.601305	0.574784	0.570931	0.547538	0.545491
0.699111	0.749277	0.5942	0.756134	0.570131	0.830625	0.698174	0.617664	0.514449	0.433786
0.733459	0.514232	0.627969	0.798016	0.417166	0.521369	0.558807	0.616767	0.466248	0.464137
0.685031	0.582386	0.532162	0.548015	0.358072	0.56431	0.367235	0.667012	0.515157	0.425655
0.670362	0.569461	0.711243	0.481519	0.447843	0.5595	0.421443	0.719282	0.572704	0.681499
0.805897	0.563926	0.657605	0.545703	0.505764	0.509131	0.611263	0.627645	0.5012	0.607317

0.765596	0.643944	0.627969	0.620133	0.527673	0.539255	0.484717	0.631333	0.507426	0.59355
0.70465	0.544712	0.574151	0.503269	0.523944	0.708238	0.588842	0.682356	0.546775	0.822365
0.589727	0.517044	0.647822	0.637821	0.66379	0.628466	0.757137	0.754694	0.585855	0.786585
0.616188	0.532116	0.808724	0.763685	0.705716	0.65744	0.733051	0.662016	0.756391	0.67328
0.759228	0.621841	0.776336	0.604896	0.702343	0.489698	0.537383	0.528012	0.601143	0.63437
0.713663	0.553828	0.74741	0.567774	0.713689	0.42429	0.508502	0.549708	0.52015	0.664217
0.559166	0.579933	0.700191	0.56616	0.572616	0.575742	0.685391	0.616767	0.654418	0.760937
0.632876	0.594019	0.574151	0.638772	0.553918	0.543844	0.738948	0.702603	0.780531	0.471748
0.732269	0.790949	0.597634	0.514567	0.652662	0.525035	0.737762	0.588186	0.633434	0.450521
0.879339	0.648693	0.579077	0.443458	0.67944	0.590898	0.700341	0.600945	0.569477	0.462255
0.728719	1.026094	0.701283	0.63498	0.863141	0.528732	0.699256	0.642586	0.907041	0.454807
0.797532	1.316594	1.254864	1.044766	0.933398	0.512695	0.816773	0.740181	0.875031	0.524041
1.292927	1.488966	0.902159	1.190332	0.983883	0.621055	0.853824	0.614981	0.730018	0.498807
1.126905	1.209916	1.040054	0.633096	1.216135	1.073469	1.484399	0.681316	0.706255	0.645682
1.465747	1.97034	1.124985	1.240603	1.680291	1.318778	1.298981	0.61409	0.770203	0.818083
1.646625	1.413229	1.38697	1.37384	1.593722	1.03608	1.167531	1.007886	1.151743	0.82669
0.392619	2.552051	1.36071	2.065325	1.106828	1.72945	1.101805	4.223435	1.177037	0.602968
0.219467	0.306043	1.636513	1.606908	3.035679	0.553414	1.119856	1.191623	2.14383	0.742649
0.14061	1.666117	1.621711	1.849416	1.294112	0.923763	1.128881	1.137907	0.940278	0.841463
1.478806	1.697018	1.109395	0.981316	1.338458	1.937073	1.133394	1.43858	0.627401	0.734432
1.319656	0.59708	0.853237	1.142852	1.611523	1.382804	1.258099	0.314525	0.470963	1.350381
0.01785	0.311928	1.176309	2.687153	1.411282	1.397043	0.629049	0	0.314525	1.097286
0.026776	0.169352	1.381161	1.684183	2.219069	1.918463	0.962757	0.314525	0.157262	0.196578
1.600399	0.566532	0.367942	1.309902	1.725103	1.296465	1.016815	1.977923	0.235894	0.588408
0.963712	3.08109	0.467237	1.087656	1.238642	1.070874	0.903592	0.744988	0.940922	1.136856
1.825064	1.427418	0.951803	1.019729	1.223508	0.790369	0.586384	0.665686	1.992562	1.331446
1.026789	1.125471	0.799026	2.040615	0.509865	0.382399	1.596918	0.626035	0.998566	1.69323
0.914029	0.970409	2.222299	2.44778	0.254932	0.318665	0.350532	2.069113	0.812301	0.667687
1.153667	0.991235	0.996442	1.139823	0.615016	0.127466	0.250809	2.687719	0.523073	0.739994
1.012062	1.001649	2.347722	0.975099	1.283203	0.182952	0.216881	0.233845	0.9776	1.424024
0.955233	1.475939	0.953755	0.964427	0.238439	0.298048	1.548361	1.031513	1.247579	0.923687
0.925	1.000583	1.085292	0.476878	0.357658	0.845821	0.894332	1.168695	1.574651	2.625857
1.045933	0.962791	1.698404	0.661862	0.79731	1.820971	1.199252	0.789239	1.308138	1.626822
0.245485	0.665509	0.846846	0.932758	0.992535	2.302774	2.41448	1.450625	1.26288	1.447581
0.368227	0.730902	1.250967	2.97975	0.872982	1.316104	2.053633	1.217622	1.449103	1.860044
1.214487	1.250715	0.796294	2.14921	1.639673	1.152269	0.984619	1.23004	1.695811	1.527053
1.591717	1.896804	2.045724	1.254611	1.06208	1.197363	1.242458	1.047055	1.753189	1.78812
1.459363	1.730288	1.731293	0.869549	0.680504	1.347161	1.623397	1.156116	1.601907	2.134377
1.465747	0.880409	1.732298	2.339727	1.18442	1.185719	1.186996	1.450625	1.819319	1.133907
1.237979	1.097743	1.210266	1.514089	1.762035	1.095233	1.006046	1.188273	1.402372	1.268139
1.591717	1.224123	1.295881	1.421099	1.972888	1.211671	0.815355	1.001326	1.407876	1.335256
0.792043	1.305483	1.732298	1.311995	1.328109	1.433399	0.986715	1.084817	1.550913	1.355113
1.315086	1.488966	1.199797	1.248285	0.669983	0.926555	1.020607	1.052712	1.128702	1.139826
1.180386	0.77661	0.792228	1.484365	0.866396	1.0545	2.628155	1.117579	1.197023	1.345569
1.263691	1.125471	0.918085	1.717116	1.447274	2.26074	1.182445	1.189734	1.695811	1.326359
1.073714	1.686472	0.99692	1.202539	1.521574	1.410182	0.637718	1.432681	1.311208	2.473517
1.310563	1.275335	1.408158	1.653571	0.879668	1.572807	0.940898	1.002826	1.371944	1.829831

1.240108	0.66923	1.500965	0.807742	0.891624	1.572807	1.064754	2.808462	1.099704	1.039213
1.542978	0.630914	0.828797	1.130259	1.18442	1.296465	0.743725	1.678128	0.531782	0.745043
1.378621	0.635523	0.990485	1.060372	1.183391	1.182361	0.849207	1.140889	0.8899	1.148857
1.962338	1.183594	1.666966	1.333648	0.819953	1.228178	0.754667	1.602606	1.180304	1.642978
1.292927	1.363499	1.258621	0.971313	1.318748	1.093904	1.363978	1.171897	2.087348	3.057951
0.859782	0.875551	2.070604	0.98589	1.367707	0.95963	1.078076	1.561307	0.854414	1.424024
1.073714	0.759018	1.295881	0.751172	1.198231	0.624745	1.062247	0.971601	1.083657	1.762384
1.315086	0.968581	1.920543	0.889437	1.422895	1.292137	0.880954	1.016924	1.183463	1.283268
2.36474	1.84882	1.037674	0.886059	0.887748	0.887326	1.661417	1.014823	1.706696	1.326839
0.861378	1.167528	1.062084	1.151437	0.886903	0.887537	1.012722	1.998989	0.943496	1.375431
0.917655	0.816891	1.228295	1.124394	1.816735	0.872786	1.273851	1.137907	0.831782	1.424024
1.106195	1.056761	1.032952	1.200625	1.194737	0.621055	0.911657	1.165516	0.953109	0.79864
0.872721	1.131235	0.96365	0.799392	0.834889	0.813124	1.057276	0.932383	2.087348	1.459857
0.800302	1.039979	0.602836	0.847441	1.014949	0.943896	0.835645	0.87591	0.837703	1.534382
0.669333	0.683481	0.64493	0.735425	0.802683	0.908664	1.147612	0.612314	0.789775	1.025608
0.521745	0.900404	0.828797	1.333648	0.842554	0.620138	0.752211	0.757161	0.998133	1.271006
0.586317	1.232022	0.953755	1.190332	1.109679	0.606603	0.929701	0.712533	0.947316	1.03218
0.856606	0.862855	0.519022	0.617405	1.121277	0.701554	0.908136	0.68549	0.787114	1.360167
0.940073	0.877164	0.769882	0.759893	0.909295	0.967716	0.782637	0.429808	0.824492	1.801583
0.721705	0.838525	0.961653	1.133222	0.631225	1.019675	0.935263	0.773546	1.036431	1.058544
0.55048	0.789626	0.764786	0.742622	0.586115	0.511266	0.765892	0.65414	0.888222	0.598662
0.721705	0.921365	0.501407	0.788503	0.575115	0.652475	0.809728	0.619461	1.065655	0.752307
0.941995	0.613834	0.557336	0.871172	0.821424	0.806036	0.683296	0.550476	1.04837	1.633589
0.812993	0.704687	0.856048	1.044766	0.768768	1.69545	0.710231	0.769709	1.161056	1.360167
1.095096	0.921365	0.868731	0.912064	0.608084	0.961637	1.01943	1.023589	1.041167	1.013964
0.86945	0.662276	0.468826	0.913854	0.617193	1.231911	0.956292	1.398876	0.848263	0.945986
0.608079	0.343235	0.595056	1.037551	0.603601	0.814556	0.867975	1.233986	1.113545	0.605572
0.796153	0.567872	0.633549	0.638772	0.83186	0.984355	0.586328	1.032824	1.283492	0.942189
0.959682	0.794944	0.918085	0.845904	1.053408	1.352077	0.855374	1.100892	1.741091	1.321903
0.905093	0.575068	0.909166	0.939726	0.888174	1.026273	0.962209	1.09278	0.650527	1.390923
0.610765	0.501796	1.336431	1.154548	0.999139	2.222418	1.182445	1.648247	0.685822	0.983817
0.588872	0.638312	1.610189	1.288872	0.783365	1.271119	0.964199	1.869327	1.15793	1.180397
1.092365	0.837049	1.104241	1.190332	1.486131	0.659442	1.231247	1.977923	1.110741	0.882255
0.982326	1.158167	0.969697	0.963198	1.40559	1.399023	1.540771	1.178373	0.987483	0.992808
0.670362	1.019315	0.923526	0.619222	0.948771	0.934344	1.440443	1.098171	0.998133	2.862555
0.827542	1.31217	0.735411	0.879379	1.593722	0.758152	1.129728	1.920239	0.787114	1.046211
0.603639	0.623641	0.663582	1.214741	0.975401	0.788129	1.264375	0.992731	1.094289	2.07919
0.90157	0.719048	0.574968	1.240603	1.205304	1.399023	1.40053	1.409854	1.04351	1.287434
0.777298	1.032981	0.723735	0.767511	1.831559	1.120142	1.334924	0.859949	0.785789	0.858233
0.714802	1.196888	0.824417	0.827873	1.041019	0.793561	1.126817	0.825322	0.691107	0.93284
0.838025	1.037634	0.625206	0.730693	0.502217	0.506301	1.006046	0.755926	0.788442	0.979676
0.833501	0.645837	0.715744	0.953264	0.628382	0.853541	1.049924	0.578242	0.995982	0.605572
0.782602	1.006065	0.837692	1.218342	0.821424	0.928712	0.7354	0.691829	1.322644	0.771015
1.11471	1.358574	0.947925	1.410871	0.752126	0.760678	0.797327	0.343041	1.133695	1.652574
1.600399	1.339413	1.138782	1.148348	0.691286	0.886107	1.109753	0.536115	0.840694	0.875718
1.358063	0.729275	0.971732	0.841326	0.656676	0.863057	1.14458	0.971959	1.081039	0.615258
1.527876	0.732739	0.579904	1.572882	1.737068	1.243306	0.600771	0.510141	0.866985	0.54701

[illegible]

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1.021135	0.575463	0.93182	0.99486	0.800356	1.083484	0.724033	0.800403	0.5448	0.900688
0.536597	0.490731	0.595437	0.690245	0.619128	0.644461	0.494223	0.599447	0.351968	0.579431
0.400871	0.459733	0.455463	0.618863	0.328013	0.385132	0.350952	0.412056	0.310051	0.300514
0.566437	0.438449	0.399954	0.350909	0.200466	0.323094	0.347589	0.40979	0.405966	0.414311
0.476753	0.309053	0.588679	0.357281	0.376905	0.416086	0.278688	0.400844	0.419876	0.405468
0.43373	0.254866	0.31988	0.365253	0.444917	0.396483	0.451451	0.464508	0.365723	0.481184
0.564126	0.359446	0.386066	0.446891	0.57068	0.428287	0.443022	0.380306	0.36076	0.669897
0.492747	0.418726	0.329926	0.360253	0.519624	0.43422	0.475833	0.50547	0.448505	0.450388
0.397718	0.459733	0.51274	0.300008	0.477964	0.535326	0.540177	0.475541	0.336296	0.302668
0.425279	0.406977	0.451167	0.31722	0.417124	0.366339	0.402083	0.177386	0.360267	0.345756
0.494707	0.373525	0.45918	0.408024	0.516669	0.294027	0.36767	0.166926	0.572824	0.432557
0.524511	0.486733	0.490785	0.351396	0.499354	0.247709	0.358249	0.193221	0.430754	0.341958
0.390448	0.549412	0.385016	0.39062	0.453741	0.391041	0.578348	0.445697	0.395684	0.355887
0.311559	0.565808	0.389232	0.399779	0.458221	0.376679	0.436513	0.448776	0.447902	0.39573
0.292243	0.337734	0.2898	0.448715	0.372658	0.450035	0.228961	0.419502	0.633111	0.45773
0.303476	0.42386	0.430883	0.429056	0.513735	0.35574	0.301322	0.338564	0.293678	0.396266
0.315008	0.416464	0.394025	0.329549	0.376372	0.420694	0.423208	0.453124	0.160995	0.381521
0.489501	0.34533	0.489449	0.533955	0.379044	0.43422	0.405351	0.363734	0.418183	0.360795
0.408319	0.38178	0.420517	0.454235	0.397108	0.444495	0.428366	0.343386	0.395149	0.330299

0.409393	0.408636	0.462301	0.412486	0.418296	0.450655	0.407544	0.453124	0.401607	0.413753
0.406712	0.164286	0.260487	0.37184	0.331363	0.326344	0.406446	0.581463	0.269821	0.41543
0.27257	0.162396	0.335974	0.302177	0.443049	0.456904	0.355803	0.474884	0.326609	0.341014
0.376763	0.337734	0.598856	0.448715	0.327537	0.347835	0.365171	0.268323	0.408162	0.407113
0.343169	0.287147	0.469886	0.358269	0.386616	0.230183	0.352886	0.447542	0.277086	0.514331
0.492747	0.432555	0.36503	0.399779	0.393767	0.392666	0.224612	0.446926	0.213939	0.378425
0.430895	0.316607	0.291066	0.395984	0.413046	0.394298	0.356291	0.286652	0.282821	0.343379
0.43773	0.329806	0.471803	0.413047	0.503619	0.425351	0.324747	0.290927	0.33258	0.408763
0.486921	0.363422	0.528505	0.30392	0.494431	0.378252	0.499623	0.497792	0.355854	0.465827
0.51963	0.404226	0.604035	0.38165	0.366885	0.325878	0.398301	0.398635	0.323881	0.414311
0.362529	0.307294	0.447518	0.308308	0.392106	0.325878	0.409747	0.330018	0.400524	0.382039
0.374772	0.35063	0.433221	0.271942	0.371603	0.420694	0.460047	0.470964	0.382516	0.388304
0.341786	0.439043	0.368046	0.310963	0.326111	0.362777	0.397764	0.382423	0.273438	0.512928
0.33403	0.460357	0.419948	0.384269	0.424204	0.375634	0.414746	0.436588	0.371249	0.447967
0.396672	0.32384	0.373119	0.414171	0.385526	0.258336	0.394019	0.342417	0.41762	0.373823
0.464979	0.369456	0.459802	0.433153	0.473943	0.335764	0.402626	0.36936	0.292412	0.215698
0.41699	0.388604	0.49617	0.43433	0.490256	0.411527	0.456342	0.422983	0.329814	0.228976
0.381782	0.297747	0.446308	0.403058	0.358623	0.354247	0.531319	0.516164	0.511436	0.543402
0.455306	0.498157	0.488117	0.389555	0.351017	0.451898	0.45206	0.442639	0.52347	0.468349
0.405644	0.385967	0.490116	0.401962	0.384982	0.424182	0.49624	0.378725	0.472723	0.375863
0.382792	0.352087	0.509235	0.503184	0.622871	0.631099	0.553043	0.391536	0.469541	0.495754
0.392513	0.523389	0.466077	0.591773	0.566532	0.410394	0.553043	0.344357	0.553173	0.547176
0.412633	0.639329	0.539592	0.580072	0.5152	0.401994	0.566303	0.426491	0.581761	0.555598
0.397718	0.462234	0.620856	0.491595	0.637205	0.528593	0.559233	0.365261	0.657821	0.473438
0.428078	0.679799	0.482829	0.429639	0.660144	0.52711	0.52986	0.338564	0.534372	0.49778
0.571095	0.752858	0.549435	0.430223	0.563242	0.508998	0.648925	0.377675	0.601922	0.527173
0.468663	0.678766	0.484805	0.483597	0.441808	0.476208	0.63945	0.508296	0.643394	0.581888
0.408856	0.507796	0.418813	0.384795	0.478638	0.41096	0.584912	0.515443	0.692414	0.599487
0.512752	0.6146	0.401586	0.541435	0.60537	0.635824	0.6202	0.408099	0.485686	0.482488
0.420287	0.630929	0.39671	0.699917	0.756021	0.560147	0.56789	0.478178	0.494325	0.427347
0.314143	0.562637	0.486789	0.610823	0.453741	0.53232	0.725174	0.666434	0.804114	0.519992
0.482443	0.587005	0.437343	0.549045	0.509371	0.612695	0.646061	0.567432	0.781432	0.609873
0.566437	0.699914	0.620856	0.550584	0.578247	0.647379	0.624707	0.493661	0.660765	0.560261
0.490148	0.713115	0.594587	0.593471	0.600879	0.623643	0.554583	0.615477	0.608856	0.573752
0.530157	0.78989	0.54867	0.512259	0.515934	0.592452	0.593258	0.573155	0.759876	0.461448
0.530157	0.570609	0.51912	0.557574	0.361703	0.726357	0.569482	0.453748	0.795972	0.429077
0.583767	0.723287	0.673578	0.574337	0.531646	0.649335	0.607825	0.672599	0.697742	0.613391
0.557268	0.71987	0.580377	0.729132	0.587679	0.745501	0.526234	0.767002	0.591725	0.527173
0.488209	0.707566	0.623573	0.854986	0.562424	0.680839	0.519072	0.634958	0.593408	0.604649
0.514804	0.714234	0.590359	0.669493	0.530884	0.899509	0.521922	0.701475	0.623969	0.587675
0.623283	0.680835	0.640239	0.532474	0.592034	0.840872	0.7547	0.615477	0.74528	0.497103
0.48308	0.705366	0.655609	0.625221	0.728794	0.872467	0.650846	0.550702	0.543295	0.449781
0.526619	0.788559	0.547906	0.918417	0.683282	0.720544	0.585739	0.579789	0.541795	0.657015
0.577385	0.645021	0.529235	0.750575	0.510821	0.662269	0.488226	0.665415	0.468908	0.574559
0.740832	0.693461	0.635545	0.683914	0.509371	0.756652	0.537204	0.772176	0.689248	0.66789
0.706461	0.643115	0.741865	0.560718	0.481344	0.635824	0.475833	0.8381	0.78404	0.51857
0.586993	0.494766	0.608399	0.723359	0.738499	0.627355	0.410853	0.731224	0.487664	0.614275

0.713988	0.806189	0.781815	1.153477	0.711164	0.544468	0.571882	0.653371	0.524908	0.704424
0.698015	0.60929	0.578735	0.874035	0.643073	0.69259	0.500303	0.695981	0.507268	0.683173
0.64959	0.443823	0.539592	0.675615	0.555125	0.951307	0.710578	0.773479	0.651029	0.588508
0.751343	0.511994	0.582025	0.518654	0.391554	0.63204	0.612205	0.608279	0.615016	0.680073
0.727203	0.664552	0.545622	0.678709	0.590287	0.541399	0.561577	0.535347	0.410922	0.639786
0.741988	0.562637	0.600576	0.686014	0.64703	0.638684	0.534988	0.584832	0.360267	0.650233
0.552755	0.554809	0.51415	0.582553	0.524093	0.700238	0.494894	0.797634	0.492984	0.638849
0.643092	0.461607	0.571424	0.505261	0.42006	0.640601	0.466922	0.607388	0.495669	0.634192
0.719445	0.560274	0.56029	0.56309	0.502905	0.554595	0.408093	0.602078	0.423282	0.661924
0.721648	0.619975	0.636479	0.505956	0.704307	0.557759	0.468184	0.624645	0.4552	0.585186
0.879683	0.685003	0.731261	0.627055	0.576554	0.488216	0.379356	0.702583	0.522753	0.639786
0.705396	0.685003	0.784438	0.574337	0.698674	0.667348	0.461912	0.651396	0.530707	0.53595
0.632175	0.549412	0.646896	0.519371	0.6343	0.704669	0.57998	0.594232	0.410922	0.544154
0.704334	0.496119	0.573038	0.49701	0.724022	0.65925	0.655683	0.587375	0.469541	0.694732
0.663849	0.416464	0.689141	0.559143	0.683282	0.577243	0.483619	0.568245	0.427865	0.771407
0.606873	0.518367	0.711911	0.527331	0.509371	0.578907	0.440644	0.554627	0.447299	0.750327
0.731699	0.6586	0.662509	0.457954	0.571514	0.619963	0.534988	0.604725	0.454587	0.730223
0.621526	0.441427	0.51415	0.570287	0.592911	0.642527	0.653742	0.560183	0.576053	0.739568
0.634879	0.442623	0.657569	0.534697	0.676848	0.48217	0.778564	0.577289	0.582583	0.792228
0.669686	0.373014	0.668511	0.482279	0.539332	0.455647	0.600909	0.482832	0.685063	0.815502
0.717254	0.451706	0.662509	0.585048	0.729996	0.467737	0.66453	0.536858	0.56962	0.614275
0.634879	0.683957	0.532169	0.572713	0.814736	0.591593	0.656657	0.672599	0.555484	0.517152
0.561064	0.547882	0.561076	0.36075	0.567359	0.395936	0.592416	0.362719	0.52635	0.572946
0.647723	0.557923	0.81439	0.410807	0.585948	0.404776	0.448422	0.432402	0.500407	0.555598
0.754904	0.524835	0.750295	0.517225	0.547947	0.32681	0.63945	0.673635	0.532902	0.431975
0.77816	0.50502	0.563442	0.556792	0.574027	0.39321	0.586568	0.657349	0.629431	0.541153
0.547548	0.532874	0.465445	0.437882	0.758583	0.613597	0.63758	0.490928	0.625782	0.465827
0.451734	0.414213	0.475663	0.490252	0.672612	0.502659	0.727463	0.489568	0.626691	0.503227
0.479905	0.56106	0.648818	0.501116	0.551123	0.405335	0.612205	0.407536	0.547067	0.503913
0.530157	0.57955	0.680771	0.525873	0.676848	0.321709	0.503718	0.570693	0.607983	0.477939
0.446429	0.630005	0.463556	0.46803	0.684363	0.4971	0.467553	0.610964	0.595097	0.562611
0.488209	0.391258	0.37722	0.466758	0.650021	0.711402	0.816311	0.486187	0.64815	0.557146
0.44351	0.50502	0.553281	0.648721	0.580799	0.528593	0.652774	0.481497	0.675791	0.55022
0.558782	0.759022	0.761381	0.513672	0.587679	0.404776	0.594101	0.473573	0.685063	0.491065
0.639423	0.941492	0.910202	0.661462	0.479989	0.401994	0.708376	0.463868	0.566439	0.461448
0.566437	0.577093	0.501624	0.768017	0.573188	0.480174	0.876651	0.574804	0.617682	0.43314
0.452327	0.496119	0.416551	0.721071	0.624755	0.66328	0.713903	0.581463	0.629431	0.464571
0.461933	0.563427	0.430883	0.503875	0.494431	0.423016	0.568685	0.461952	0.580941	0.491732
0.546072	0.707566	0.552509	0.484258	0.448677	0.495721	0.707279	0.53309	0.521322	0.517861
0.50397	0.722145	0.410948	0.649688	0.513005	0.482838	0.739096	0.610964	0.545554	0.432557
0.590244	0.6586	0.453616	0.630746	0.665295	0.679786	0.600909	0.573978	0.674773	0.553285
0.545336	0.636511	0.516983	0.745718	0.543227	0.625495	0.576723	0.460045	0.659782	0.560261
0.520324	0.663554	0.541092	0.640114	0.460156	0.380885	0.524073	0.365772	0.535108	0.655066
0.556512	0.691331	0.576285	0.659477	0.423016	0.481504	0.627433	0.565002	0.543295	0.567351
0.64959	0.637448	0.603168	0.695591	0.513005	0.653274	0.762095	0.534593	0.698815	0.614275
0.572659	0.681873	0.595437	0.691309	0.513735	0.738223	0.613086	0.453124	0.60451	0.572143
0.540944	0.824564	0.696599	0.591773	0.405004	0.506169	0.534988	0.495722	0.567232	0.45773

0.548288	0.617279	0.568214	0.598604	0.45951	0.568204	0.585739	0.495034	0.646242	0.375352
0.441768	0.69453	0.589518	0.997009	0.688717	0.576414	0.632938	0.494347	0.465126	0.299227
0.607721	0.598005	0.730099	0.999168	0.676848	0.607323	0.563933	0.552268	0.469541	0.345756
0.517555	0.560274	0.547906	0.770567	0.549532	0.592452	0.397227	0.555417	0.623969	0.580248
0.424722	0.638388	0.568214	0.642012	0.452469	0.531572	0.393487	0.482164	0.52925	0.673939
0.595166	0.709777	0.557161	0.634469	0.439337	0.6756	0.517653	0.565002	0.560927	0.568146
0.668708	0.635575	0.574658	0.807932	0.493733	0.657249	0.532783	0.573155	0.481105	0.483142
0.460116	0.568202	0.541843	0.663456	0.474611	0.700238	0.501666	0.693802	0.471447	0.468982
0.550516	0.636511	0.683891	0.746927	0.533172	0.625495	0.548459	0.763161	0.681951	0.507358
0.753713	0.714234	0.624482	0.610823	0.362218	0.625495	0.565512	0.687332	0.464499	0.572946
0.804064	0.543325	0.453616	0.612597	0.375839	0.754149	0.628346	0.542957	0.462623	0.452821
0.719445	0.566604	0.610157	0.791523	0.532408	0.759169	0.51063	0.617295	0.640565	0.447365
0.590244	0.540313	0.626306	0.702095	0.574868	0.83482	0.403714	0.665415	0.823725	0.76385
0.740832	0.538068	0.639296	0.655535	0.501481	0.670425	0.559233	0.70704	0.652959	0.790897
0.806742	0.651757	0.541092	0.664456	0.503619	0.773282	0.422639	0.560982	0.453975	0.626843
0.804064	0.506406	0.510634	0.573524	0.526345	0.71824	0.613969	0.524912	0.492984	0.586844
0.659044	0.557923	0.607523	0.477694	0.398227	0.482838	0.498944	0.611863	0.426715	0.601201
0.577385	0.571414	0.657569	0.578426	0.538557	0.513277	0.427215	0.508296	0.479156	0.639786
0.735101	0.595442	0.692322	0.519371	0.438722	0.462606	0.47263	0.486861	0.465126	0.798945
0.738531	0.71987	0.636479	0.566274	0.566532	0.638684	0.532783	0.51906	0.545554	0.812698
0.595166	0.523389	0.776615	0.796924	0.669461	0.774588	0.646061	0.608279	0.49837	0.673939
0.494707	0.410302	0.619055	0.739721	0.800356	0.728705	0.556127	0.716095	0.479805	0.883905
0.643092	0.508493	0.674598	0.556011	0.628548	0.462606	0.480358	0.718388	0.512135	0.900688
0.764544	0.449265	0.549435	0.492943	0.534704	0.478186	0.454502	0.695981	0.596794	0.866163
0.715074	0.514108	0.605776	0.590927	0.69533	0.676643	0.513425	0.666434	0.605375	0.639786
0.639423	0.667559	0.738302	0.680783	0.654042	0.739427	0.532783	0.708162	0.501089	0.675974
0.655237	0.715355	0.919079	0.552127	0.550326	0.536836	0.453279	0.760619	0.585885	0.883905
0.797442	0.57955	0.873164	0.512259	0.596434	0.53382	0.473908	0.749361	0.568026	0.812698
0.788337	0.508493	0.697675	0.486912	0.658101	0.538352	0.489552	0.600322	0.470176	0.638849
0.706461	0.526286	0.845046	0.477043	0.557544	0.53232	0.449631	0.544495	0.422144	0.661924
0.474247	0.474956	0.842031	0.543704	0.686535	0.569834	0.594947	0.584832	0.468275	0.805767
0.437157	0.498157	0.755187	0.562298	0.798944	0.531572	0.692204	0.725342	0.642449	0.89898
0.775652	0.605787	0.695526	0.602928	0.676848	0.658248	0.638514	0.582303	0.699891	0.826901
0.716163	0.488727	0.724333	0.571903	0.71813	0.528593	0.537946	0.455001	0.61413	0.719944
0.674611	0.587842	0.952629	0.536185	0.732408	0.573935	0.585739	0.657349	0.585885	0.738388
0.641254	0.600583	0.87478	0.616166	0.744676	0.458164	0.653742	0.667456	0.697742	0.867746
0.635784	0.587842	0.818639	0.563884	0.763752	0.484847	0.736745	0.700371	0.782734	0.756422
0.717254	0.589519	0.677674	0.401415	0.644059	0.547559	0.765841	0.546038	0.617682	0.449176
0.751343	0.577093	0.578735	0.405258	0.729996	0.553022	0.602628	0.519788	0.477216	0.4924
0.586184	0.727885	0.649781	0.43433	0.564062	0.539873	0.600909	0.43719	0.512135	0.77268
0.488854	0.780658	0.655609	0.508746	0.495832	0.453768	0.730921	0.571512	0.652959	0.89898
0.611988	0.655654	0.535865	0.449936	0.59116	0.477526	0.62926	0.701475	0.710802	0.647359
0.601817	0.522668	0.619954	0.467394	0.819144	0.62272	0.69539	0.480167	0.634036	0.526449
0.506653	0.546358	0.776615	0.745718	0.814736	0.672487	0.566303	0.659351	0.723128	0.604649
0.483718	0.519081	0.586172	0.704285	0.693114	0.571469	0.803816	0.739594	0.727699	0.987534
0.499313	0.627246	0.579555	0.570287	0.721656	0.654264	0.922703	0.767002	0.64529	0.793563
0.731699	0.774182	0.730099	0.543704	0.801773	0.581415	0.8515	0.616385	0.744086	0.586844

0.542403	0.651757	0.830178	0.582553	0.83724	0.555384	0.697528	0.502663	0.5403	0.637913
0.409931	0.585337	0.846561	0.766747	0.713473	0.413231	0.657634	0.602078	0.619469	0.638849
0.561064	0.616384	0.558723	0.649688	0.649022	0.451276	0.778564	0.70704	0.685063	0.7651
0.462541	0.610171	0.563442	0.592621	0.672612	0.62272	0.663538	0.599447	0.766106	0.714338
0.479905	0.566604	0.693387	0.500429	0.648025	0.537593	0.76334	0.51761	0.735815	0.543402
0.555005	0.659586	0.628138	0.573524	0.887808	0.686141	0.950569	0.54066	0.590048	0.581888
0.563359	0.563427	0.624482	0.633535	0.697557	0.592452	0.810713	0.431213	0.744086	0.770139
0.407247	0.598005	0.564234	0.647756	0.542445	0.634875	0.954423	0.619121	0.764853	0.543402
0.339033	0.466011	0.422799	0.528062	0.675785	0.623643	0.786381	0.640689	0.797319	0.450995
0.426396	0.691331	0.515564	0.584215	0.657082	0.539112	0.504404	0.338564	0.576053	0.635119
0.51207	0.917593	0.72091	0.717662	0.621932	0.519048	0.630177	0.398085	0.628516	0.641667
0.562593	0.799323	0.5771	0.83377	0.556736	0.762973	0.757151	0.51761	0.761115	0.572946
0.611988	0.8718	0.703096	0.713157	0.696442	0.719391	0.734406	0.659351	0.864248	0.614275
0.690758	1.004425	0.72663	0.737346	0.696442	0.694762	0.632938	0.641651	0.711908	0.579431
0.628596	1.03614	0.74787	0.768017	0.678982	0.643493	0.68904	0.556208	0.681951	0.644504
0.641254	0.91226	0.602302	0.788848	0.632374	0.848558	0.768356	0.455001	0.625782	0.533004
0.590244	0.687102	0.479557	0.723359	0.585086	0.882411	0.772156	0.565811	0.649108	0.572946
0.588616	0.616384	0.475017	0.675615	0.567359	0.612695	0.550745	0.712677	0.623065	0.640725
0.648656	0.865408	0.554054	0.890572	0.754746	0.735824	0.54242	0.51761	0.665716	0.751539
0.591878	0.981036	0.833111	0.914837	0.937225	0.754149	0.732079	0.546038	0.685063	0.722207
0.636691	0.698832	0.746662	0.716531	0.7312	0.549113	0.644162	0.564195	0.793292	0.580248
0.660959	0.61371	0.553281	0.640114	0.696442	0.613597	0.532783	0.516886	0.572824	0.445561
0.535877	0.739598	0.512037	0.698831	0.463399	0.621799	0.465037	0.738388	0.634036	0.494409
0.639423	0.697752	0.469886	0.679745	0.502193	0.704669	0.669523	0.625572	0.695603	0.675974
0.781948	0.752858	0.639296	0.576786	0.546368	0.807171	0.741461	0.618207	0.575244	0.647359
0.833037	0.555585	0.699835	0.589239	0.565707	0.75166	0.735573	0.866258	0.708598	0.533739
0.656186	0.619074	0.504376	0.442664	0.643073	0.580577	0.649884	0.930595	0.690301	0.59778
0.737385	0.569003	0.728939	0.567074	0.524093	0.556966	0.525512	0.666434	0.56171	0.576177
0.983236	0.693461	0.858877	0.535441	0.462748	0.781177	0.571081	0.768289	0.642449	0.796246
0.841683	0.573029	0.781815	0.416994	0.614493	0.908317	0.583261	0.789432	0.56962	0.542651
0.699062	0.446233	0.660526	0.503184	0.588546	0.796036	0.571882	0.746899	0.490982	0.583534
0.800079	0.641218	0.709691	0.662458	0.682203	0.717093	0.735573	0.711544	0.567232	0.673939
0.812147	0.755313	0.862012	0.704285	0.641108	0.773282	0.621098	0.711544	0.673758	0.673939
0.655237	0.612823	0.968415	0.641062	0.6257	0.848558	0.585739	0.710414	0.61413	0.733703
0.776904	0.577093	0.863587	0.536931	0.698674	0.853236	0.85303	0.941988	0.621264	0.846089
0.680596	0.632781	0.776615	0.523695	0.762454	0.727529	0.867048	0.708162	0.547826	0.76136
0.74664	0.555585	0.843536	0.557574	0.688717	0.569834	0.660576	0.569875	0.541047	0.713225
0.698015	0.556363	0.792404	0.674589	0.674725	0.498483	0.556127	0.829106	0.726552	0.757651
0.574228	0.52123	0.799156	0.607296	0.898314	0.63204	0.635717	0.847285	0.558586	0.834181
0.628596	0.621781	0.690199	0.693445	0.867529	0.932091	0.693263	0.536858	0.560927	1.020072
0.592698	0.551717	0.716387	0.566274	0.92012	0.702448	0.974225	0.721851	0.657821	0.793563
0.685647	0.69453	0.920876	0.754254	0.753474	0.580577	0.990743	0.914046	0.742895	0.540406
0.722753	0.915808	1.08531	0.739721	0.935291	0.62272	0.992853	0.866258	0.666713	0.336323
0.590244	0.837756	0.661517	0.712038	0.939168	0.627355	0.782455	0.626502	0.721993	0.356375
0.548288	0.745575	0.64213	0.677675	0.762454	0.676643	0.643215	0.48889	0.84127	0.575367
0.618904	0.845262	0.580377	0.708699	0.762454	0.560946	0.600909	0.591648	0.802746	0.771407
0.68362	1.096555	0.715264	0.598604	0.589416	0.473584	0.63758	0.647472	0.939645	0.449781

0.735101	0.878287	0.546382	0.753024	0.935291	0.71824	1.016762	0.609172	0.762358	0.624119
0.467431	0.591203	0.634612	0.788848	1.008706	1.162112	1.09489	0.627433	0.949104	0.878994
0.514804	0.741979	0.851139	0.913058	0.622871	0.759169	0.77343	0.561783	0.764853	0.927145
0.77068	0.952981	0.738302	0.771847	0.658101	0.582254	0.608698	0.599447	0.699891	0.711008
0.674611	0.839247	0.644984	0.719932	0.573188	0.506875	0.868634	0.662373	0.798669	0.576988
0.62065	0.821686	0.575471	0.614378	0.728794	0.696944	1.200336	0.724176	0.914206	0.634192
0.564126	0.552487	0.584508	0.680783	0.726402	0.801568	0.78376	0.63686	0.989144	0.548695
0.501303	0.662559	0.689141	0.820659	0.674725	0.802962	0.730921	0.718388	0.972683	0.727917
0.552007	0.800688	0.558723	0.607296	0.720477	0.615406	0.990743	0.774787	0.881906	0.718817
0.853485	0.910496	0.498888	0.817799	0.793341	0.807171	0.835017	0.595097	0.772426	0.594385
0.759697	0.839247	0.569014	0.740914	0.851325	1.140321	0.8799	0.63024	0.746478	0.601201
0.595166	0.797963	0.662509	0.668481	0.692011	1.040409	0.677634	0.737186	0.825161	0.784303
0.525212	0.894941	0.651715	0.803772	0.571514	0.77198	0.627433	0.615477	0.762358	0.88721
0.473623	0.978971	0.678704	0.718795	0.514467	0.789219	0.704004	0.740803	0.736987	0.591017
0.606026	0.713115	0.727783	0.830822	0.42361	0.814278	0.805187	0.628367	0.820869	0.576988
0.633976	0.664552	0.779207	1.126538	0.811822	0.894309	0.49624	0.685196	0.836817	0.800301
0.582964	0.643115	0.666501	0.975988	0.745922	0.999025	0.503033	0.71954	0.853373	0.816911
0.716163	0.738412	0.679736	0.680783	0.608996	0.814278	0.76334	0.867877	0.679888	0.855238
0.844604	0.697752	0.574658	0.869194	0.579096	0.979724	0.806562	0.770877	0.680918	0.785614
0.878098	0.639329	0.662509	0.963847	0.674725	0.917308	0.747428	0.808816	0.692414	0.808526
0.675603	0.845262	0.713026	0.675615	0.631414	0.684012	0.484274	0.923162	0.811017	0.838608
0.899176	0.78591	0.684936	0.654555	0.590287	0.787868	0.702918	0.78808	0.666713	0.981309
1.01894	0.642166	0.713026	0.645833	0.573188	0.77198	0.729765	0.95766	0.553173	0.794903
1.225167	0.709777	0.904961	0.854986	0.579096	0.820049	0.494223	0.660356	0.636822	0.664897
0.698015	0.608412	0.906701	1.042374	0.726402	0.705784	0.447217	0.938157	0.725408	1.045586
0.673622	0.589519	0.891288	0.87893	0.81767	0.785179	0.504404	1.015162	0.805486	0.981309
1.008131	0.571414	0.792404	0.544463	0.583366	1.007887	0.94108	0.836588	0.747679	0.938196
0.961606	0.56422	0.732427	0.62067	0.573188	0.919128	0.929961	0.951717	0.73934	0.730223
0.874944	0.611937	0.785755	0.625221	0.719302	0.973476	0.631095	0.804589	0.688198	0.782996
0.611131	0.588679	0.804634	0.646793	0.686535	0.811421	0.728613	0.969796	0.768623	0.943829
0.621526	0.436082	0.771477	0.532474	0.637205	0.508289	0.809325	0.894641	0.67886	0.709904
0.701163	0.428476	0.634612	0.693445	0.610821	0.625495	0.692204	0.644552	0.662739	0.533739
0.881275	0.629084	0.96045	0.693445	0.90009	1.067789	0.736745	0.534593	0.560927	0.634192
0.796129	0.824564	1.123788	0.734983	0.801773	1.010131	0.777275	0.754329	0.654897	0.914597
0.581362	0.646935	0.901502	0.643918	0.939168	0.637729	0.789018	0.908667	0.731159	0.858332
0.611988	0.582021	0.757654	0.518654	0.712317	0.625495	0.77599	0.749361	0.949104	0.743124
0.783218	0.527013	0.903228	0.530263	0.656067	0.740635	0.772156	0.599447	0.77498	0.725624
0.719445	0.559489	0.976528	0.667471	0.825093	0.701341	0.782455	0.692717	0.730002	0.695798
0.518937	0.468548	0.848082	0.957901	0.843444	0.729883	0.699676	0.622796	0.621264	0.729068
0.536597	0.50989	0.717514	0.513672	0.592034	0.731065	0.755924	0.447542	0.674773	0.643556
0.692819	0.6146	0.667505	0.381128	0.414207	0.694762	0.77599	0.547587	0.727699	0.543402
0.796129	0.569805	0.622665	0.516512	0.720477	0.625495	0.749839	0.518335	0.805486	0.56974
0.581362	0.625417	0.545622	0.534697	0.797536	0.568204	0.647014	0.516886	0.666713	0.641667
0.555758	0.595442	0.807399	0.784865	0.722838	0.552237	0.735573	0.504767	0.763604	0.643556
0.56876	0.569003	0.700919	0.689183	0.632374	0.613597	0.616628	0.51257	0.747679	0.633266
0.376264	0.540313	0.541092	0.549814	0.645047	0.670425	0.702918	0.51906	0.818031	0.515035
0.538765	0.47046	0.732427	0.580072	0.589416	0.575586	0.585739	0.516164	0.539554	0.431394

0.599311	0.557923	0.683891	0.481621	0.698674	0.49025	0.584086	0.568245	0.568822	0.389358
0.483718	0.467912	0.412063	0.614378	0.548739	0.450035	0.713903	0.507588	0.81241	0.607253
0.510031	0.601446	0.390824	0.529528	0.400474	0.361259	0.592416	0.434191	0.692414	0.53966
0.462541	0.526286	0.398329	0.538427	0.449306	0.492294	0.550745	0.522709	0.702052	0.489071
0.586184	0.665552	0.523427	0.723359	0.580799	0.542931	0.530589	0.499178	0.639627	0.450388
0.503301	0.715355	0.514856	0.678709	0.462748	0.486865	0.524792	0.374538	0.624875	0.406016
0.427517	0.563427	0.540341	0.626137	0.318116	0.472278	0.606086	0.29265	0.616792	0.592698
0.487564	0.57955	0.513444	0.594322	0.310266	0.385132	0.597492	0.418925	0.463248	0.49778
0.565665	0.547119	0.465445	0.552901	0.364805	0.576414	0.492883	0.511855	0.451536	0.368264
0.561064	0.709777	0.375165	0.509446	0.600879	0.518322	0.648925	0.474228	0.460135	0.357354
0.532293	0.647895	0.566617	0.410807	0.560791	0.461968	0.598344	0.435988	0.657821	0.463945
0.561064	0.541064	0.558723	0.601193	0.487494	0.431243	0.509933	0.473573	0.642449	0.585186
0.525212	0.691331	0.473729	0.539928	0.579096	0.497791	0.700754	0.721851	0.542544	0.417112
0.447016	0.709777	0.456698	0.622485	0.439337	0.58988	0.62926	0.604725	0.559365	0.31805
0.436584	0.628164	0.502998	0.713157	0.554322	0.566581	0.450237	0.457516	0.509347	0.509438
0.508001	0.51059	0.436751	0.638224	0.457579	0.602016	0.467553	0.400844	0.495669	0.380487
0.66192	0.586171	0.527048	0.648721	0.524842	0.618135	0.50578	0.410355	0.351968	0.297944
0.572659	0.677735	0.544864	0.573524	0.548739	0.571469	0.377813	0.549921	0.429019	0.332144
0.481172	0.806189	0.426822	0.62067	0.529366	0.542931	0.428943	0.623719	0.421008	0.441975
0.367873	0.755313	0.538844	0.615271	0.463399	0.499176	0.46441	0.665415	0.550873	0.567351
0.508001	0.611053	0.442101	0.658488	0.482023	0.53307	0.512725	0.776098	0.684023	0.491065
0.471756	0.612823	0.433221	0.555232	0.559977	0.624568	0.634789	0.662373	0.483717	0.512928
0.372295	0.569805	0.434395	0.668481	0.428389	0.403661	0.490881	0.484842	0.441318	0.411529
0.455306	0.668566	0.382402	0.717662	0.487494	0.470976	0.447819	0.521246	0.386163	0.439602
0.707528	0.721006	0.488117	0.609938	0.407859	0.641563	0.465664	0.628367	0.522753	0.515035
0.641254	0.707566	0.585339	0.594322	0.413626	0.601138	0.487565	0.538375	0.482409	0.575367
0.550516	0.596294	0.449947	0.522971	0.427788	0.647379	0.455115	0.602958	0.509347	0.543402
0.486921	0.548646	0.406517	0.571903	0.471283	0.539873	0.503033	0.474884	0.509347	0.481836
0.631278	0.602311	0.427979	0.475744	0.510095	0.564157	0.482965	0.595097	0.530707	0.464571
0.546072	0.585337	0.54867	0.550584	0.432008	0.72286	0.390307	0.589934	0.629431	0.52285
0.501303	0.409191	0.445102	0.485583	0.406714	0.656252	0.443022	0.621874	0.473362	0.717693
0.56721	0.479498	0.402677	0.489582	0.471283	0.627355	0.459428	0.509716	0.456429	0.519992
0.691787	0.563427	0.597143	0.664456	0.57068	0.619048	0.425493	0.47292	0.415376	0.470886
0.625047	0.605787	0.724333	0.701005	0.440571	0.514712	0.411407	0.622796	0.397828	0.491065
0.578971	0.436082	0.588679	0.470587	0.439337	0.529336	0.498267	0.673635	0.430754	0.604649
0.436011	0.457868	0.428558	0.461078	0.443671	0.613597	0.476477	0.581463	0.367725	0.624119
0.34688	0.421571	0.442101	0.548278	0.477292	0.506169	0.387674	0.459412	0.517058	0.595231
0.460116	0.460982	0.543351	0.625221	0.526345	0.553022	0.402083	0.479503	0.481105	0.625025
0.402456	0.473023	0.569816	0.581724	0.439954	0.633928	0.402083	0.598573	0.44911	0.510831
0.506653	0.42386	0.453003	0.502493	0.42124	0.621799	0.553812	0.749361	0.394082	0.468982
0.432026	0.412532	0.383969	0.491595	0.449306	0.556174	0.489552	0.569059	0.405966	0.388831
0.381277	0.381259	0.433221	0.626137	0.509371	0.575586	0.361696	0.476199	0.422144	0.60206
0.577385	0.527013	0.575471	0.590082	0.399349	0.596773	0.364175	0.608279	0.445496	0.635119
0.647723	0.48607	0.537352	0.435511	0.460156	0.685075	0.494894	0.708162	0.4552	0.66689
0.59106	0.457247	0.511335	0.461078	0.497942	0.671455	0.699676	0.657349	0.503824	0.726769
0.622404	0.436672	0.556382	0.518654	0.569847	0.614501	0.544675	0.618207	0.465126	0.680073
0.704334	0.468548	0.500254	0.501804	0.427788	0.529336	0.362191	0.629303	0.458896	0.616938

0.686665	0.587842	0.561863	0.506652	0.388256	0.488216	0.403714	0.588227	0.564068	0.589343
0.655237	0.465379	0.682849	0.543704	0.46145	0.613597	0.585739	0.673635	0.52925	0.767612
0.763327	0.427317	0.554829	0.502493	0.548739	0.63016	0.737919	0.721851	0.473362	0.768873
0.670667	0.592894	0.572231	0.731463	0.813276	0.679786	0.52986	0.514004	0.464499	0.625025
0.818999	0.783276	0.793746	0.911286	0.583366	0.648356	0.492215	0.665415	0.532902	0.640725
0.979222	0.696675	0.722048	0.755487	0.527098	0.53307	0.488889	0.733599	0.580123	0.818324
0.865617	0.56422	0.833111	0.621577	0.71813	0.704669	0.725174	0.725342	0.714129	1.112612
0.870256	0.631854	0.711911	0.584215	0.856123	0.743061	1.003558	0.714953	0.665716	0.850639
0.674611	0.675681	0.662509	0.660469	0.770302	0.495034	0.697528	0.786732	0.750091	0.835652
0.831613	0.673636	0.722048	0.521528	0.611736	0.517598	0.586568	0.896369	0.789303	0.965132
0.818999	0.733702	0.793746	0.467394	0.704307	0.571469	0.64511	0.901597	0.77884	1.047981
0.930161	0.73723	0.937397	0.551355	0.687624	0.655257	0.730921	0.687332	0.711908	0.940066
0.69593	0.504329	0.868349	0.605544	0.608996	0.617223	0.837968	0.785389	0.746478	0.959218
0.613707	0.467278	0.833111	0.858104	0.823598	0.740635	0.686944	0.797634	0.699891	0.78957
0.886084	0.713115	0.896365	0.798285	0.907267	0.818599	0.786381	0.815954	0.733481	0.76385
0.873376	0.72558	0.860442	0.791523	1.091541	0.862745	0.747428	0.861437	0.662739	0.936335
0.765765	0.710887	0.887936	0.817799	1.102746	0.908317	1.058968	0.561783	0.626691	0.8476
0.68362	0.592047	0.760135	0.841229	1.132093	0.741847	0.94108	0.63686	0.811017	0.809913
0.930161	0.803429	1.234479	0.703189	0.982114	0.619963	0.974225	1.422121	1.360405	0.697939
1.258056	0.943386	1.388661	0.750575	0.975712	0.645432	1.021254	1.029044	1.251897	0.951455
0.886084	1.160452	1.059774	1.1504	1.123079	0.71824	1.014533	0.786732	1.201205	0.940066
0.774404	0.828917	0.974485	1.090358	1.663888	1.108145	0.791672	0.530098	1.028637	0.932636
0.789626	0.761512	1.368006	1.220094	1.086045	0.812847	0.716134	0.59079	0.758641	1.077807
1.092726	1.203161	1.141382	1.03526	1.06473	0.650317	0.881533	0.742015	0.828045	0.673939
1.021135	1.145083	0.911963	0.822097	1.015616	0.669397	0.89992	0.685196	0.943404	0.564975
0.828778	1.206627	0.775325	0.664456	0.931449	0.865961	0.77343	0.621874	1.087588	0.758883
0.66192	0.951045	1.052397	0.796924	0.783706	1.152638	0.767097	0.620037	0.960733	0.844582
0.633976	1.085884	1.569752	1.141297	0.636234	0.735824	1.108474	0.990809	0.7075	0.611628
0.63851	0.89835	0.781815	0.813543	0.574868	0.696944	0.772156	1.048273	0.836817	0.676995
0.941001	0.772898	0.553281	1.074625	0.547947	0.670425	0.701834	0.686263	0.81241	0.63698
1.204548	1.048052	0.706381	0.856542	0.665295	0.794664	0.602628	0.700371	0.675791	0.676995
0.775652	0.74678	0.584508	0.687068	0.585086	0.947395	0.486905	0.576459	0.804114	0.888872
0.680596	0.924807	0.664501	0.721071	0.544794	0.712534	0.477767	0.620037	0.56171	0.788248
0.658089	0.995774	0.592891	0.641062	0.470621	0.801568	0.534252	0.643583	0.522753	0.611628
0.753713	0.845262	0.724333	0.830822	0.506485	0.689354	0.636647	0.712677	0.680918	0.831255
1.191326	0.831843	1.042752	0.980111	0.779641	0.652286	0.556127	0.829106	0.555484	0.60206
0.987288	0.903514	1.028675	0.893957	0.838783	0.643493	0.592416	0.780055	0.582583	0.678018
1.065087	0.683957	0.860442	0.779611	0.66426	0.584781	0.665524	0.917669	0.590048	0.757651
0.887699	0.646935	0.689141	0.708699	0.612653	0.807171	0.555354	0.608279	0.541795	0.668892
0.713988	0.43197	0.82293	0.636342	0.710013	0.731065	0.531319	0.602078	0.584231	0.805767
0.684632	0.4711	0.803258	0.639168	0.790566	0.627355	0.61574	0.753081	0.682986	0.78957
0.849022	0.689211	0.974485	0.546748	0.5774	0.601138	0.705093	0.708162	0.730002	0.696867
0.870256	0.388604	0.76263	0.670507	0.663228	0.664294	0.840939	0.584832	0.500407	0.620513
0.567984	0.464118	0.836064	0.588398	0.566532	0.619048	0.630177	0.625572	0.481105	0.643556
0.507326	0.541064	0.868349	0.667471	0.586813	0.57229	0.560013	0.684132	0.664722	0.808526
0.776904	0.70867	0.817218	0.585048	0.963186	0.642527	0.591576	0.797634	0.758641	0.73604
0.693854	0.69453	0.744257	0.512259	0.714633	0.657249	0.842432	0.63877	0.723128	0.757651

0.69489	0.48607	0.543351	0.511554	0.852918	0.491611	0.814904	0.610067	0.699891	0.782996
0.73057	0.607535	1.006181	0.656517	0.988611	0.69259	0.793004	0.539135	0.680918	0.790897
0.710746	0.852901	0.952629	0.745718	0.835703	0.646404	0.997103	0.50547	0.881906	0.693668
0.779419	0.878287	0.865169	0.726814	0.820624	0.639642	0.966195	0.655355	0.935918	0.855238
0.707528	0.828917	0.688086	0.55993	0.72521	0.6756	0.591576	0.602958	0.798669	0.648315
0.627706	0.664552	0.713026	0.702095	0.955032	0.760433	0.588231	0.511855	0.64529	0.654095
0.549029	0.831843	0.933671	0.820659	0.803194	0.691509	0.76334	0.585678	0.747679	0.7651
0.706461	0.875031	0.972452	1.014591	0.676848	0.963259	0.994973	0.69489	0.958773	0.639786
0.899176	0.910496	0.708584	0.920218	0.77295	0.951307	0.810713	0.934359	0.912445	0.692607
0.900841	0.714234	0.76263	0.770567	0.83724	0.869202	0.530589	0.674673	0.811017	0.792228
0.550516	0.821686	0.81439	0.749355	0.699795	0.793296	0.594101	0.569875	0.67886	0.784303
0.518246	0.846779	0.779207	0.870801	0.70658	0.729883	0.974225	0.930595	0.676812	0.557923
0.741988	0.717606	0.7664	0.950098	0.646037	0.740635	0.898216	0.95766	0.78535	0.606383
0.983236	0.668566	0.671544	0.707591	0.768984	0.870831	0.732079	0.936254	0.647195	0.65216
0.924841	0.821686	0.598856	0.832294	0.736052	0.879071	0.591576	0.78808	0.772426	0.690493
0.769446	0.71987	0.646896	0.913058	0.587679	0.796036	0.643215	0.78808	0.767363	0.755196
0.758494	0.598863	0.626306	0.626137	0.623812	1.012386	0.701834	0.74445	0.669718	0.640725
0.850505	0.557923	0.768931	0.540681	0.59116	0.899509	0.751049	0.894641	0.550873	0.705515
0.8359	0.617279	0.643079	0.690245	0.759869	0.726357	0.646061	0.826149	0.723128	0.965132
0.923082	0.709777	0.760135	0.861243	0.822109	0.845467	0.586568	0.807403	0.691356	1.153503
1.014584	0.736051	0.760135	0.707591	0.644059	1.003433	0.747428	0.88441	0.597644	0.866163
0.916117	0.740787	0.903228	0.577605	0.789185	0.747954	0.719502	0.879384	0.684023	0.750327
0.676597	0.643115	0.852676	0.708699	0.856123	0.614501	0.801088	0.750598	0.656844	0.900688
0.549029	0.476249	0.845046	0.761707	0.825093	0.499176	0.875035	0.703693	0.579306	0.888872
0.608571	0.450484	0.743059	0.531736	0.697557	0.603778	0.696458	0.522709	0.581761	0.674955
0.805401	0.581196	0.699835	0.389023	0.763752	0.656252	0.806562	0.523442	0.519184	0.575367
0.540944	0.695601	0.763883	0.493618	0.988611	0.686141	0.812106	0.609172	0.826601	0.603784
0.538765	0.672617	0.661517	0.636342	0.787809	0.837836	0.709476	0.521977	0.924927	0.8537
0.610276	0.743174	0.602302	0.827894	0.544794	0.583937	0.613969	0.399738	0.766106	0.702252
0.619776	0.827461	0.590359	0.760456	0.54401	0.558554	0.592416	0.583144	0.811017	0.491732
0.752527	0.733702	0.502998	0.738532	0.544794	0.696944	0.657634	0.561783	0.662739	0.390413
0.798758	0.610171	0.49617	0.712038	0.703174	0.755399	0.553812	0.663385	0.563281	0.408212
0.590244	0.554809	0.512037	0.550584	0.463399	0.686141	0.420936	0.578954	0.632188	0.60206
0.797442	0.532874	0.568214	0.773132	0.550326	0.728705	0.579163	0.663385	0.550109	0.678018
0.752527	0.750417	0.66952	0.77442	0.464703	0.73225	0.477767	0.794883	0.514941	0.484453
0.729445	0.529933	0.583679	0.688124	0.466011	0.815714	0.41363	0.570693	0.340043	0.51857
0.779419	0.615491	0.72091	0.661462	0.712317	0.727529	0.515534	0.677803	0.545554	0.743124
0.625932	0.619975	0.852676	0.516512	0.588546	0.671455	0.555354	0.653371	0.676812	0.841585
0.828778	0.551717	0.803258	0.448106	0.477292	0.632983	0.679686	0.702583	0.384596	0.672925
0.692819	0.451706	0.623573	0.423846	0.668416	0.519775	0.482312	0.703693	0.413701	0.609873
0.619776	0.480804	0.543351	0.528795	0.674725	0.660254	0.513425	0.619121	0.52635	0.721074
0.592698	0.500205	0.568214	0.443867	0.77428	0.49093	0.624707	0.672599	0.711908	0.834181
0.56721	0.481459	0.64213	0.457954	0.704307	0.626424	0.707279	0.714953	0.787981	0.680073
0.611131	0.516232	0.62176	0.419266	0.655053	0.66328	0.857653	0.618207	0.585885	0.50805
0.538765	0.572221	0.693387	0.546748	0.780992	0.405335	0.659593	0.556208	0.57849	0.527898
0.348279	0.547882	0.74787	0.474449	0.620061	0.422434	0.712792	0.591648	0.681951	0.739568
0.444093	0.490062	0.614583	0.569481	0.510095	0.333864	0.474549	0.59079	0.767363	0.541153

0.556512	0.69453	0.51274	0.556792	0.512276	0.407015	0.506469	0.394253	0.713017	0.535212
0.518246	0.652728	0.635545	0.51438	0.554322	0.53008	0.623802	0.450014	0.490982	0.468349
0.545336	0.729042	0.614583	0.585048	0.787809	0.511846	0.602628	0.424733	0.531438	0.448571
0.404047	0.672617	0.5812	0.468668	0.627597	0.425936	0.654711	0.435988	0.797319	0.727917
0.454112	0.630005	0.573038	0.651628	0.526345	0.477526	0.554583	0.606498	0.761115	0.693668
0.721648	0.727885	0.465445	0.508746	0.632374	0.701341	0.459428	0.621874	0.496343	0.560261
0.590244	0.648858	0.502998	0.723359	0.632374	0.672487	0.454502	0.471615	0.446096	0.430813
0.501968	0.73723	0.451778	0.525146	0.519624	0.592452	0.534252	0.573155	0.495669	0.46332
0.333578	0.565808	0.436751	0.461078	0.440571	0.567392	0.601768	0.764437	0.741707	0.712115
0.419735	0.550179	0.429719	0.613486	0.442428	0.493661	0.460668	0.700371	0.532169	0.646405
0.464368	0.543325	0.475017	0.669493	0.489564	0.648356	0.463159	0.498485	0.52635	0.60206
0.464368	0.622687	0.488117	0.651628	0.57068	0.451898	0.374746	0.511855	0.531438	0.584359
0.580564	0.771618	0.599715	0.607296	0.528609	0.669397	0.395086	0.60384	0.693474	0.658972
0.702218	0.600583	0.855766	0.880574	0.524093	0.783841	0.526957	0.629303	0.580123	0.561826
0.890948	0.54257	0.7108	0.703189	0.503619	0.708022	0.507852	0.600322	0.492316	0.57134
0.957786	0.751636	0.499571	0.646793	0.47662	0.667348	0.508545	0.508296	0.423282	0.520705
1.048372	1.28248	0.770202	0.805154	0.643073	0.686141	0.490216	0.740803	0.4437	0.555598
0.987288	1.42894	1.421611	1.066967	0.875864	0.992496	0.735573	0.881053	0.564068	0.693668
1.74361	1.050474	1.668431	1.41713	1.044414	1.220085	0.986554	0.661363	0.78404	0.768873
0.945969	1.262239	1.162853	1.671768	1.318881	1.158931	0.797027	0.691635	0.682986	0.888872
0.840201	1.054411	1.678621	1.77473	1.187043	1.088844	0.7547	0.780055	0.724266	0.943829
0.509132	0.830943	2.123558	0.913058	0.925748	0.840224	0.81014	1.427973	1.008442	1.01559
0.649092	0.821686	0.997739	1.08242	4.685491	1.207501	1.09595	1.052196	1.447468	0.770139
1.487822	0.709777	1.886136	2.479418	1.489255	1.832782	1.884423	0.984398	0.912445	0.846089
1.01894	1.008816	1.854094	1.58604	1.537647	1.392471	1.349392	1.13503	0.751302	1.098893
1.013878	1.011347	1.01198	1.787835	1.384244	1.388357	2.501911	1.070642	1.006255	0.814098
1.172662	1.012613	1.173953	1.526048	2.172273	1.058748	0.977721	1.032684	1.391045	1.104329
2.051664	1.335294	1.093283	1.876051	0.733252	0.90962	1.015942	1.045822	1.019545	1.50722
1.166607	0.99792	1.045602	0.480441	0.833177	0.986063	1.422503	1.073571	1.01064	1.361685
0.960804	1.605612	0.960881	0.933102	0.928472	1.304375	0.966195	1.073571	0.993359	1.582545
1.514818	1.237811	0.942362	0.923842	2.031314	1.171392	2.24999	1.107377	1.350654	1.301719
1.767479	2.162962	0.954104	0.703189	1.03841	1.563063	1.141183	1.190854	1.240525	1.310422
1.755381	1.41748	1.117729	0.965847	2.506514	1.110973	2.21335	1.053216	1.037923	0.771407
1.678992	1.484616	1.193671	1.269612	1.219217	0.930215	0.990743	0.992968	1.052235	1.135505
1.505835	1.495225	1.231641	1.064444	1.187043	1.605228	1.139946	0.932473	0.623065	0.647359
2.299449	0.995774	2.688212	0.616166	3.270518	1.163494	1.955897	1.049308	1.082358	0.987534
1.24313	0.78591	0.701936	0.617962	0.617064	1.019625	1.016258	1.012891	1.279649	1.215981
1.468909	1.022263	0.743923	0.659949	0.638956	0.875756	1.173878	0.669506	1.201205	1.033803
3.714422	1.423172	1.320487	2.107349	0.767853	1.125399	1.470567	1.675214	1.197801	1.115802
1.201023	1.217802	2.257005	1.428614	1.245777	1.300001	1.353343	1.35246	0.921324	0.916368
1.234581	1.226192	1.221997	0.882225	2.439978	1.366155	1.354225	1.192713	0.769887	0.831255
2.44725	1.179644	2.044951	1.054497	1.219217	0.77198	1.744745	0.919493	1.042642	1.055248
1.374971	0.873412	2.069606	1.572097	4.685491	0.595906	1.326002	1.328385	1.146679	1.088222
1.333934	1.72535	1.648723	2.879982	2.007884	0.811421	1.128236	1.123189	0.947195	1.075242
1.34151	1.200876	1.783019	0.817799	1.44845	1.149526	1.180343	1.301153	1.313702	0.861447
0.812147	1.067818	1.072513	1.049607	1.442205	1.178374	2.383162	1.008384	1.165152	1.226722
1.016757	0.693461	1.373078	1.077208	1.071218	1.065227	1.036805	0.804589	1.084965	1.125059

1.640704	0.851362	2.59384	1.749648	1.068222	0.84701	0.854565	1.263262	2.024704	1.105012
1.37003	2.028684	1.577852	0.845766	0.851776	1.137295	1.46426	1.296776	1.263574	1.141422
0.981225	1.193642	1.144385	0.856542	0.848771	0.875422	1.217036	1.388577	0.805486	1.144411
0.899176	1.2429	1.169014	2.008444	0.899067	0.92033	1.837613	0.71724	1.008442	1.694519
1.235855	0.888202	1.205957	1.526048	1.296148	0.941593	1.611993	0.82175	1.271537	1.13999
2.936271	3.047569	1.337896	0.918417	0.708866	0.712534	2.290009	0.941988	0.991247	1.910728
0.910965	1.491267	1.469835	0.832294	2.382295	0.7107	0.99732	1.920444	0.934067	0.895584
0.719445	1.290848	1.098664	1.497855	1.394602	1.052651	1.024985	1.126119	0.96468	1.397768
0.879683	0.896642	1.194756	1.327987	1.461217	1.682571	1.038818	0.813085	1.313702	1.139191
1.779924	1.491267	1.045699	1.632827	1.554836	1.010131	1.089572	0.805994	1.888975	1.226447
2.101638	1.210714	0.763883	0.723359	1.027451	1.661906	1.72149	1.433904	1.331785	1.093525
0.930161	1.90839	0.592891	1.044772	1.036111	1.333034	1.629957	2.099106	1.095553	1.213669
1.02334	1.330639	1.594519	1.288072	2.082347	1.310021	0.814904	0.982282	1.37038	2.233297
1.053083	1.217381	2.257005	1.562945	1.531371	1.287008	0.857653	1.129069	1.702355	1.42551
1.848135	1.160752	1.104123	1.188846	1.730766	1.376491	0.994973	0.693802	1.49856	1.739331
0.961606	1.632596	0.645939	1.623614	1.21745	1.151747	1.400329	0.943917	1.082358	0.89898
0.721648	1.067818	0.705283	1.246054	1.086045	1.117785	0.956363	1.314556	0.789303	1.107072
0.719445	1.498021	1.265205	1.400454	0.639152	1.149526	0.742648	1.251332	0.943404	1.727688
1.032277	1.944907	1.074915	1.384395	0.716961	0.975549	0.8515	1.008384	1.661041	1.480403
1.097946	1.548493	0.684936	1.405942	0.986434	1.727107	1.203759	1.166126	1.296342	0.993849
1.162972	1.330639	0.81158	1.614592	2.68117	2.689397	0.817721	1.5819	1.090227	1.212459
0.752527	1.266213	1.202326	1.281888	0.882649	1.482598	0.473908	1.017445	0.95102	1.802752
1.269597	1.179644	1.188766	1.384395	0.758583	1.682571	0.677634	0.691635	1.259647	1.446764
1.319096	0.919385	0.901502	1.202458	0.894784	0.928348	0.492215	0.938157	1.671007	1.371692
1.385024	0.605787	0.926314	1.434472	1.855544	1.270308	0.842432	0.982282	1.623318	1.589896
1.147985	1.096555	1.075546	1.405942	1.809851	0.731065	0.634789	1.557412	1.556475	1.573185
1.24313	1.055359	1.096144	1.095732	1.270351	1.035611	1.021254	1.221034	2.694623	1.56483
1.360314	0.749201	1.353134	1.257673	1.123079	1.897144	0.956363	0.938157	1.069552	2.725396
1.444909	1.062792	1.160233	1.927938	1.096057	1.047293	1.170682	0.839618	0.966667	1.487754
1.192347	1.814291	1.174796	1.069034	0.99853	0.781177	0.813503	0.800403	1.905955	1.195507
1.186372	1.18936	1.86982	0.733807	0.977836	1.019224	0.791672	1.081457	1.014818	1.178723
1.427741	0.949118	0.784838	0.77442	1.554836	0.906541	0.814904	0.94818	1.111439	1.141422
0.952119	0.795256	0.779629	0.777024	0.821263	1.028512	1.321472	1.388577	1.32265	0.53686
0.747811	1.107496	0.951376	0.865502	0.843383	0.832323	1.003296	1.169362	1.073721	1.049811
1.659426	1.651564	1.185441	1.227354	2.031314	0.662269	0.939855	0.97808	1.0259	1.694519
0.955889	1.062792	1.338756	0.676644	1.384244	0.884091	0.901631	1.35246	1.00199	1.013945
0.735101	1.03614	1.320296	0.865996	0.859351	0.62272	1.001395	0.529354	1.355502	1.089549
0.676597	1.138191	1.245748	0.874035	1.105593	0.928348	0.680715	0.645523	1.165152	1.337631
1.10323	1.173152	1.281424	2.365072	0.727596	0.710272	1.044439	1.305575	1.099477	0.991734
0.979222	1.050474	0.731261	1.016839	0.951011	0.996838	0.94108	2.12765	1.06664	1.033803
0.551261	1.189567	0.812982	1.44643	0.694221	0.656252	0.765841	0.786732	0.907204	1.910728
0.818999	1.944907	2.45063	2.479418	0.92764	0.734629	0.578348	0.805994	0.947195	0.673939
1.201204	0.714234	1.195493	1.123645	0.626648	0.945453	0.585739	0.969796	1.248073	0.822592
1.145048	0.589519	0.66952	0.750575	0.990798	0.904772	0.939207	2.158204	1.01507	1.550831
0.522412	0.781965	0.614583	1.23103	0.923864	0.760433	1.081717	1.920444	1.243666	1.129368
0.82456	1.228025	0.81158	1.135333	0.828098	0.757909	0.929961	0.915854	1.472263	0.940066
0.957786	1.067818	0.915506	0.948169	0.511548	0.68828	1.044439	1.048273	1.019545	1.392426

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

Table 1: A 10x10 matrix of random values									
80	81	82	83	84	85	86	87	88	89
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1.575145	1.359532	1.339146	1.425027	1.017809	2.038361	1.804196	0.270866	0.135433	0.067717
0.87038	1.156635	0.505604	0.614012	0.573385	0.757377	0.541733	0.662388	1.344423	1.43932
0.370013	0.621842	0.574219	0.47777	0.378774	0.516853	0.325867	0.541326	0.379552	0.881002
0.323579	0.435271	0.405479	0.436879	0.301533	0.411976	0.299249	0.564688	0.325843	0.371814
0.553339	0.318052	0.254556	0.325831	0.363268	0.463449	0.362957	0.339575	0.39114	0.307048
0.417481	0.195588	0.177572	0.350803	0.301959	0.546239	0.460348	0.373611	0.316304	0.386013
0.179936	-0.05452	-0.00231	0.381443	0.564703	0.357021	0.459735	0.350311	0.413596	0.474307
0.485029	0.367809	0.410932	0.606083	0.593785	0.362463	0.492151	0.50341	0.423834	0.525893
0.506627	0.430169	0.697201	0.528722	0.444636	0.39609	0.452446	0.601007	0.385834	0.450943
0.269842	0.442167	0.67953	0.445237	0.475328	0.381804	0.470274	0.574872	0.346056	0.403902
0.42487	0.495084	0.592169	0.377299	0.429494	0.422708	0.406212	0.270258	0.184412	0.553044
0.553339	0.360068	0.566299	0.405518	0.408818	0.334043	0.433012	0.338194	0.225785	0.393814
0.460703	0.266401	0.711217	0.441038	0.457874	0.537957	0.390265	0.462992	0.347019	0.374316
0.402524	0.379184	0.477846	0.300054	0.288515	0.402593	0.452446	0.672194	0.585882	0.644588
0.410215	0.409804	0.591337	0.33136	0.428351	0.368983	0.421083	0.578054	0.259527	0.521646
0.56664	0.392929	0.489526	0.480377	0.526576	0.467869	0.441151	0.492783	0.388479	0.595991
0.443014	0.328181	0.481059	0.362601	0.490209	0.504943	0.450643	0.476683	0.411913	0.526605
0.443612	0.364406	0.441038	0.375242	0.459098	0.387568	0.309094	0.49344	0.459816	0.698259
0.381273	0.391896	0.383293	0.336492	0.548596	0.413093	0.419964	0.52477	0.442052	0.541094
0.452074	0.34871	0.457217	0.371157	0.483677	0.534985	0.475958	0.437995	0.439062	0.48778

0.452684	0.436413	0.432881	0.362103	0.466514	0.299546	0.462808	0.440315	0.47444	0.457578
0.379204	0.443909	0.55775	0.338845	0.45483	0.294834	0.431862	0.529029	0.305214	0.431626
0.322672	0.416851	0.443397	0.399508	0.346874	0.299546	0.502165	0.266345	0.185408	0.41478
0.246035	0.469051	0.360717	0.353235	0.358381	0.331254	0.454862	0.268297	0.278463	0.317487
0.525002	0.344526	0.377158	0.337902	0.33062	0.337319	0.521498	0.435688	0.499736	0.405517
0.532281	0.472144	0.506971	0.390382	0.492189	0.431372	0.582011	0.498064	0.414722	0.389636
0.374584	0.41142	0.478487	0.325373	0.347821	0.398788	0.474689	0.420427	0.447488	0.525893
0.336949	0.40659	0.258015	0.375756	0.38856	0.363959	0.577168	0.433965	0.494286	0.553044
0.412438	0.30098	0.298007	0.310535	0.292672	0.370502	0.441151	0.381663	0.596886	0.399094
0.320864	0.325073	0.280589	0.379366	0.396975	0.409195	0.411661	0.413812	0.369788	0.329086
0.305789	0.464149	0.409289	0.452531	0.424374	0.327104	0.429571	0.408376	0.410236	0.273959
0.28536	0.363438	0.366129	0.468133	0.292254	0.355059	0.606211	0.36132	0.426142	0.325484
0.404161	0.352935	0.385876	0.462452	0.402318	0.317573	0.365908	0.365704	0.486904	0.236586
0.408556	0.361029	0.332333	0.342636	0.52801	0.425002	0.392358	0.43225	0.446881	0.353737
0.357072	0.477138	0.394773	0.400051	0.566269	0.327563	0.515886	0.399288	0.410795	0.371814
0.340711	0.519305	0.499504	0.567675	0.385446	0.34347	0.527184	0.308014	0.477035	0.45455
0.416355	0.496395	0.454175	0.533866	0.345456	0.339674	0.42786	0.390386	0.47899	0.481312
0.481096	0.489235	0.514567	0.489625	0.44761	0.568859	0.420523	0.480493	0.531731	0.455154
0.447822	0.680876	0.550879	0.647259	0.51737	0.415899	0.435902	0.447349	0.561504	0.541094
0.42948	0.584907	0.443397	0.588965	0.46279	0.471053	0.441151	0.437995	0.657506	0.4403
0.547978	0.544956	0.380215	0.626641	0.444636	0.430789	0.637335	0.486918	0.662463	0.468659
0.501809	0.533368	0.3374	0.538324	0.498181	0.530564	0.462808	0.53622	0.581723	0.423121
0.456984	0.565241	0.385358	0.499757	0.536713	0.602994	0.507601	0.517764	0.532469	0.365376
0.533752	0.559131	0.46028	0.576556	0.579001	0.489998	0.545447	0.461768	0.522965	0.402294
0.43297	0.491176	0.534527	0.756958	0.488895	0.480096	0.472791	0.435113	0.514374	0.443231
0.598788	0.505683	0.418126	0.60174	0.547844	0.652483	0.59436	0.539861	0.427301	0.469283
0.5101	0.465369	0.281403	0.590647	0.470269	0.628869	0.490833	0.571713	0.451763	0.473046
0.558766	0.576144	0.477206	0.808037	0.523723	0.602994	0.473423	0.531891	0.555228	0.439134
0.420875	0.4841	0.491503	0.679114	0.531615	0.598685	0.470902	0.64249	0.567071	0.455154
0.496369	0.520691	0.513176	0.416097	0.445823	0.516853	0.457901	0.595154	0.418117	0.466793
0.675308	0.648956	0.406021	0.471322	0.462172	0.572881	0.498801	0.597652	0.429628	0.524473
0.525724	0.610599	0.617024	0.781093	0.572588	0.458453	0.5279	0.541326	0.409122	0.476842
0.54874	0.505683	0.52945	0.646301	0.571	0.582689	0.620163	0.646211	0.439658	0.507781
0.551033	0.461112	0.541142	0.474534	0.51667	0.786776	0.520088	0.724847	0.59262	0.482598
0.602224	0.462324	0.607428	0.515767	0.542614	0.632562	0.468395	0.5853	0.556008	0.54257
0.643824	0.4841	0.594675	0.471962	0.559268	0.494023	0.530776	0.621694	0.431381	0.609576
0.758261	0.445657	0.686719	0.582303	0.650847	0.541702	0.497463	0.476683	0.345575	0.58771
0.775907	0.576933	0.701466	0.68851	0.733511	0.4432	0.515886	0.687331	0.429628	0.553044
0.615356	0.559131	0.736017	0.51294	0.734665	0.525462	0.475958	0.579654	0.447488	0.584442
0.496369	0.694125	0.76232	0.485637	0.500197	0.512612	0.522913	0.555495	0.473794	0.677599
0.534489	0.582499	0.69403	0.431006	0.588801	0.439618	0.500144	0.462992	0.540676	0.646462
0.718172	0.455103	0.655747	0.571689	0.562365	0.422708	0.553733	0.512927	0.517933	0.697202
0.696212	0.531229	0.750166	0.677053	0.640491	0.526914	0.642902	0.627024	0.596029	0.553044
0.64668	0.575356	0.820248	0.490962	0.677367	0.639101	0.718164	0.683242	0.60206	0.567676
0.564263	0.543491	0.60058	0.431006	0.545595	0.498767	0.680939	0.564688	0.621578	0.735805
0.709254	0.494431	0.709031	0.646301	0.71105	0.591034	0.588553	0.570927	0.502486	0.717731
0.648595	0.545691	0.781213	0.66589	0.684515	0.564874	0.549947	0.58856	0.518648	0.694047

0.583654	0.598807	0.823074	0.525084	0.669339	0.596973	0.695448	0.728218	0.523689	0.528748
0.696212	0.573784	0.709031	0.593182	0.606502	0.34538	0.570004	0.51087	0.522243	0.652133
0.522124	0.475884	0.843388	0.680148	0.755981	0.382847	0.579583	0.566239	0.562295	0.452142
0.409661	0.505013	0.790319	0.588127	0.575783	0.440809	0.570004	0.494756	0.639171	0.483888
0.599644	0.589762	0.641517	0.579009	0.687615	0.518276	0.690211	0.531174	0.400856	0.462468
0.494346	0.598807	0.406564	0.431006	0.603075	0.5745	0.73515	0.562371	0.473794	0.415883
0.516424	0.435841	0.439864	0.472604	0.568628	0.632562	0.736306	0.558538	0.719942	0.61304
0.610934	0.642476	0.633198	0.650149	0.690737	0.509808	0.686065	0.486271	0.617065	0.704653
0.68459	0.681881	0.734858	0.494999	0.658538	0.411976	0.643837	0.33226	0.60642	0.50506
0.590315	0.756324	0.587199	0.519327	0.614315	0.524738	0.782697	0.437995	0.517933	0.376832
0.375607	0.544956	0.463985	0.451919	0.541872	0.459075	0.80112	0.435688	0.610823	0.533065
0.373055	0.413042	0.446365	0.436288	0.502222	0.572881	0.70075	0.464219	0.641065	0.561455
0.406902	0.507026	0.666486	0.705734	0.596299	0.570463	0.540256	0.462992	0.738545	0.464934
0.609178	0.725222	0.700396	0.694889	0.583057	0.482058	0.786579	0.54206	0.634472	0.457578
0.528626	0.642476	0.47086	0.567675	0.588801	0.521136	0.8616	0.531891	0.584213	0.428772
0.517133	0.532654	0.29254	0.58729	0.545595	0.612628	0.631839	0.514303	0.600328	0.449151
0.491664	0.631588	0.55852	0.685355	0.515971	0.5402	0.566857	0.419871	0.605544	0.526605
0.493003	0.554605	0.565515	0.530185	0.538181	0.509808	0.421083	0.404611	0.672549	0.571609
0.766994	0.548642	0.431728	0.71349	0.505619	0.586841	0.684007	0.565463	0.632606	0.42256
0.67633	0.588949	0.480415	0.684309	0.544848	0.6091	0.486252	0.388318	0.59347	0.391198
0.485688	0.541302	0.455998	0.666893	0.628561	0.747601	0.440565	0.524065	0.710932	0.54257
0.437668	0.649889	0.513871	0.699195	0.535981	0.564874	0.531498	0.682226	0.669499	0.628978
0.43885	0.616616	0.519472	0.655985	0.434676	0.784139	0.615754	0.5725	0.477035	0.399626
0.544944	0.752756	0.585555	0.813632	0.488239	0.80708	0.633663	0.543533	0.440854	0.410396
0.43297	0.510402	0.371608	0.64439	0.252032	0.618872	0.498801	0.689389	0.67153	0.527318
0.54874	0.569103	0.429431	0.592335	0.337049	0.572881	0.419964	0.557014	0.568675	0.436231
0.500443	0.718603	0.621457	0.599155	0.374719	0.507716	0.485601	0.601007	0.397052	0.511206
0.5518	0.72857	0.572623	0.525809	0.357896	0.579395	0.495464	0.688359	0.404694	0.504383
0.657318	0.57931	0.435196	0.566877	0.361307	0.498767	0.47216	0.520553	0.494964	0.531621
0.598788	0.563705	0.542626	0.685355	0.486278	0.700685	0.472791	0.501398	0.633538	0.60273
0.394433	0.547164	0.614386	0.620281	0.58143	0.705045	0.431288	0.582065	0.488905	0.661752
0.415793	0.622719	0.624138	0.52436	0.511109	0.681587	0.298403	0.671203	0.501109	0.565332
0.539685	0.505013	0.537454	0.600015	0.509042	0.672344	0.446465	0.530457	0.485575	0.499
0.63723	0.489881	0.484296	0.635892	0.379794	0.573369	0.496129	0.749017	0.354313	0.468036
0.563473	0.553106	0.644326	0.545858	0.467137	0.640043	0.615754	0.610366	0.384781	0.354695
0.675308	0.644317	0.62774	0.575741	0.489552	0.6623	0.555257	0.636055	0.421538	0.523764
0.603952	0.519305	0.499504	0.525084	0.462172	0.647656	0.543958	0.676179	0.48425	0.625386
0.777195	0.445657	0.526576	0.546618	0.553138	0.597828	0.519385	0.582065	0.353823	0.586891
0.614468	0.48219	0.563951	0.480377	0.555426	0.465969	0.603644	0.662388	0.451763	0.51744
0.555656	0.401812	0.610024	0.436879	0.411555	0.35457	0.550702	0.784775	0.589238	0.585257
0.779784	0.513805	0.520177	0.398966	0.475328	0.342993	0.341443	0.608649	0.466114	0.537426
0.733067	0.548642	0.606566	0.56608	0.538181	0.640988	0.373876	0.537673	0.430211	0.565332
0.760738	0.59385	0.667476	0.650149	0.533066	0.571268	0.393934	0.630614	0.545219	0.76688
0.661252	0.56988	0.655747	0.536089	0.650847	0.529831	0.486252	0.631516	0.436092	0.696148
0.819156	0.515859	0.7257	0.501126	0.534521	0.502187	0.461576	0.53913	0.485575	0.73696
0.655364	0.479657	0.655747	0.523638	0.678381	0.545479	0.566857	0.672194	0.614379	0.775641
0.68459	0.268337	0.478487	0.531654	0.70131	0.640988	0.566857	0.616429	0.559927	0.632601

0.565846	0.299309	0.439277	0.472604	0.73236	0.4438	0.619278	0.669229	0.537674	0.652133
0.621623	0.430733	0.750166	0.477121	0.564703	0.572074	0.51519	0.689389	0.570284	0.591831
0.742493	0.595496	0.809125	0.516477	0.599674	0.471053	0.439394	0.55097	0.54143	0.510519
0.663232	0.521386	0.72344	0.536833	0.603075	0.42673	0.47979	0.537673	0.497003	0.548524
0.664226	0.466593	0.653822	0.67398	0.627657	0.546999	0.540256	0.53622	0.497003	0.604432
0.619823	0.601307	0.65768	0.666893	0.796671	0.515435	0.655215	0.763458	0.545219	0.597666
0.721565	0.553106	0.743034	0.517899	0.58551	0.5402	0.53805	0.51707	0.645836	0.560683
0.847033	0.663175	0.745398	0.495676	0.698111	0.578575	0.742134	0.462379	0.521522	0.632601
0.718172	0.524175	0.711217	0.425211	0.724387	0.597828	0.717055	0.557014	0.492935	0.564554
0.604819	0.580902	0.741857	0.433932	0.622271	0.49605	0.691253	0.496738	0.622487	0.718839
0.544189	0.706724	0.678513	0.628475	0.661457	0.415899	0.47979	0.659489	0.725671	0.628978
0.59708	0.582499	0.477206	0.462452	0.458486	0.35457	0.458511	0.584489	0.764236	0.563002
0.65928	0.556862	0.448753	0.399508	0.656602	0.495373	0.623722	0.462992	0.591772	0.531621
0.727278	0.631588	0.619678	0.490293	0.666366	0.440809	0.593525	0.553227	0.59347	0.438551
0.59284	0.777114	0.721192	0.690626	0.679397	0.553133	0.86626	0.615558	0.774437	0.588531
0.517842	0.642476	0.528011	0.703544	0.511109	0.526914	0.944792	0.797821	0.869223	0.693001
0.529355	0.601307	0.509718	0.446444	0.446418	0.431956	0.70937	0.570142	0.688132	0.424809
0.533016	0.56988	0.571033	0.459327	0.681437	0.525462	0.487556	0.456908	0.55058	0.575579
0.5518	0.840385	0.506287	0.508036	0.651801	0.512612	0.582011	0.449125	0.830846	0.807095
0.683549	0.892684	0.707942	0.71126	0.599674	0.489998	0.867825	0.520553	0.755502	0.869866
0.518553	0.784697	0.535257	0.690626	0.629467	0.491336	0.77	0.553227	0.814979	0.493024
0.557987	0.735344	0.520177	0.506645	0.699174	0.588514	0.729414	0.494756	0.739734	0.581198
0.59284	0.80027	0.539663	0.542075	0.682461	0.454743	0.603644	0.408376	0.46548	0.490394
0.482403	0.680876	0.683624	0.502499	0.71105	0.526187	0.708283	0.521954	0.55058	0.447961
0.301453	0.536956	0.60143	0.722527	0.610825	0.504252	0.878937	0.772109	0.708708	0.422
0.298443	0.562175	0.531619	0.759437	0.610825	0.513316	0.674866	0.688359	0.595174	0.378855
0.486348	0.628908	0.591337	0.715732	0.693882	0.557012	0.588553	0.492783	0.529523	0.513274
0.488334	0.853628	0.54337	0.742378	0.779678	0.408641	0.663948	0.512927	0.68497	0.556847
0.538194	0.875065	0.700396	0.761929	0.556959	0.382325	0.803817	0.61209	0.812155	0.583629
0.582829	0.923152	0.650952	0.768224	0.461556	0.577757	0.887053	0.609507	0.798305	0.652133
0.593684	0.808271	0.699328	0.627557	0.587152	0.534985	0.623722	0.54798	0.748153	0.480671
0.532281	0.688981	0.6481	0.59403	0.605643	0.523294	0.60707	0.46854	0.52514	0.423683
0.513602	0.580902	0.638727	0.72367	0.806103	0.549289	0.724879	0.371621	0.654559	0.526605
0.657318	0.553106	0.467722	0.859627	0.564703	0.652483	0.988045	0.620812	0.791542	0.589354
0.639104	0.859646	0.52586	0.600015	0.535251	0.696368	0.726008	0.680201	0.754269	0.638093
0.584481	0.939227	0.603135	0.530919	0.754769	0.771189	0.629116	0.529742	0.701014	0.537426
0.471418	0.772132	0.550122	0.712374	0.730067	0.629789	0.699685	0.567017	0.67153	0.599347
0.510799	0.720798	0.567871	0.724816	0.481091	0.505634	0.748042	0.606939	0.85657	0.646462
0.698358	0.755131	0.467722	0.694889	0.474058	0.393944	0.621939	0.74081	0.746941	0.590178
0.693011	0.682889	0.52873	0.734094	0.668346	0.639101	0.614004	0.713793	0.659482	0.513965
0.707053	0.671935	0.607428	0.820729	0.647053	0.863215	0.641039	0.707294	0.503176	0.577177
0.502494	0.83606	0.7257	0.761929	0.593785	0.648617	0.646654	0.695624	0.816397	0.701444
0.375095	0.674895	0.644326	0.833803	0.607363	0.608223	0.877332	0.825151	0.948212	0.556084
0.453908	0.602982	0.609157	0.820729	0.627657	0.588514	0.666898	0.670215	0.658493	0.605285
0.599644	0.620967	0.438107	0.59403	0.675346	0.763601	0.557552	0.749017	0.55914	0.695096
0.640986	0.815053	0.611763	0.737625	0.741655	0.801572	0.659074	0.718181	0.502486	0.621822
0.616246	0.810971	0.671457	0.927232	0.593785	0.586841	0.451244	0.669229	0.659482	0.644588

0.593684	0.675887	0.634115	0.772045	0.603929	0.743991	0.525756	0.741973	0.877323	0.714424
0.614468	0.797635	0.720072	0.727117	0.634027	0.701771	0.675872	0.826564	0.642015	0.609576
0.549503	0.682889	0.615263	0.725965	0.464648	0.591034	0.565293	0.869669	0.631676	0.635338
0.531548	0.983233	0.718955	1.02301	0.779678	0.82838	0.667886	0.637884	0.609939	0.651183
0.488334	0.820556	0.736017	0.848807	0.673334	0.835719	0.600245	0.757383	0.778325	0.759509
0.660265	0.611453	0.561615	0.634958	0.434676	0.826927	0.761329	0.789946	0.661467	0.630786
0.746081	0.758719	0.519472	0.566877	0.31145	0.705045	0.566857	0.931716	0.528057	0.627178
0.634435	0.671935	0.400093	0.68851	0.405014	0.805696	0.572379	0.733897	0.612597	0.620936
0.740117	0.753942	0.340655	0.895502	0.535251	0.847725	0.719276	0.707294	0.620672	0.732358
0.726129	0.618351	0.496821	0.825043	0.545595	0.89257	0.543958	0.71708	0.693453	0.749871
0.785007	0.580902	0.468974	0.657948	0.650847	0.757377	0.548442	0.594324	0.607297	0.686775
0.618926	0.580902	0.359741	0.703544	0.569417	0.718395	0.494136	0.668245	0.448705	0.681653
0.783695	0.516546	0.466473	0.728272	0.587976	0.801572	0.429571	0.437417	0.437277	0.708969
0.741303	0.636092	0.507656	0.68851	0.487584	0.811257	0.596033	0.778396	0.521522	0.684719
0.783695	0.540574	0.667476	0.607833	0.596299	0.918646	0.695448	0.819546	0.607297	0.624492
0.750912	0.572218	0.591337	0.599155	0.583057	0.763601	0.654255	0.714886	0.519365	0.739279
0.795645	0.768433	0.758638	0.657948	0.657569	0.716142	0.644774	0.745481	0.583381	0.687806
1.08788	0.810971	0.921276	0.770767	0.657569	0.689971	0.517982	0.789946	0.522965	0.732358
1.077452	0.795017	0.877364	0.548908	0.515971	0.62795	0.447655	0.758591	0.368773	0.565332
0.847033	0.618351	0.674467	0.607833	0.591286	0.692093	0.577972	0.677181	0.404694	0.658844
0.76323	0.655533	0.705772	0.60871	0.641422	0.6091	0.62105	0.580456	0.357266	0.706805
0.87038	0.668996	0.880589	0.54057	0.598828	0.547761	0.598555	0.592669	0.424987	0.628078
0.764481	0.636092	0.753777	0.461825	0.539654	0.561712	0.586088	0.750203	0.476384	0.722179
0.734234	0.610599	0.798279	0.606083	0.655638	0.7881	0.669869	0.961561	0.586718	0.633512
0.766994	0.552359	0.747776	0.666893	0.706694	0.576941	0.647597	0.788648	0.573522	0.852925
0.700516	0.566782	0.727971	0.484976	0.654675	0.485349	0.637335	0.598488	0.69884	0.785874
0.535967	0.476511	0.776094	0.488292	0.550105	0.517564	0.576366	0.477949	0.694525	0.617409
0.636297	0.653644	0.730255	0.624814	0.779678	0.731004	0.81339	0.636968	0.642015	0.671589
0.522124	0.680876	0.71673	0.613124	0.706694	0.585176	0.935535	0.81677	0.642967	0.651183
0.525002	0.536236	0.966174	0.722527	0.700241	0.512612	0.844928	0.649963	0.569479	0.679622
0.458839	0.619221	0.849371	0.58313	0.757197	0.553906	0.614878	0.62524	0.701014	0.565332
0.64668	0.805588	0.612636	0.520042	0.765802	0.433712	0.503518	0.659489	0.764236	0.680636
0.600502	0.8798	0.504241	0.510131	0.699174	0.565668	0.546942	0.63242	0.759223	0.728939
0.479793	0.646167	0.513871	0.495676	0.619603	0.526914	0.739794	0.4551	0.596029	0.776907
0.59284	0.787254	0.428287	0.58729	0.664396	0.482715	0.791811	0.561602	0.642967	0.836619
0.694075	0.983233	0.63046	0.581477	0.694935	0.56329	0.837556	0.669229	0.836763	0.564554
0.835077	0.83606	0.485598	0.655985	0.612567	0.63349	0.956168	0.564688	0.714289	0.559145
0.571433	0.591393	0.713414	0.898915	0.802036	0.84168	0.869395	0.567017	0.927536	0.653085
0.616246	0.68796	0.530172	0.801143	0.575783	0.798844	0.789187	0.456305	0.882256	0.621822
0.636297	0.846221	0.598039	0.826491	0.643291	0.511208	0.72714	0.631516	0.877323	0.616532
0.786322	0.7219	0.510407	0.728272	0.579001	0.529831	1.047789	0.825151	0.822119	0.553044
0.723841	0.751573	0.65768	0.888755	0.582243	0.639101	0.852427	0.74081	0.790202	0.644588
0.59284	0.789826	0.650952	0.765695	0.590456	0.557012	0.522913	0.51224	0.976035	0.680636
0.553339	0.928445	0.488212	0.724816	0.553899	0.532769	0.577972	0.519157	0.755502	0.677599
0.555656	0.755131	0.4159	0.66589	0.443453	0.610861	0.696504	0.630614	0.675621	0.577177
0.58864	0.651762	0.603135	0.927232	0.527292	0.853855	0.666898	0.63242	0.58007	0.445589
0.726129	0.797635	0.750166	1.051269	0.706694	0.794784	0.630929	0.660454	0.547508	0.601882

0.683549	0.795017	0.707942	0.858065	0.640491	0.879278	0.736306	0.908892	0.779629	0.899099
0.987082	0.784697	0.652863	0.753267	0.465269	0.847725	0.937371	0.963496	0.678715	0.833719
0.895053	0.981224	0.639655	0.709041	0.522303	1.069168	0.730555	0.967392	0.677682	0.787171
1.028768	0.787254	0.915977	1.097438	0.807468	0.800206	0.610523	1.065812	0.575966	0.813945
0.833605	1.036738	1.143884	1.013984	0.838623	0.771189	0.502841	0.979296	0.691317	0.803036
0.835077	0.767206	1.007495	0.660909	0.635864	0.904544	0.575566	0.70195	0.628899	0.982154
0.976746	0.636092	0.825919	0.782402	0.632197	0.793439	0.651389	0.792555	0.57515	0.645524
0.838035	0.556108	0.946899	0.679114	0.627657	0.588514	0.384046	0.779664	0.534692	0.803036
0.702684	0.556862	0.661572	0.563698	0.591286	0.777616	0.532945	0.84536	0.5437	0.939565
0.64193	0.596322	0.809125	0.484316	0.625854	0.703951	0.807894	0.825151	0.737358	0.881002
0.778488	0.666076	0.791636	0.617583	0.668346	0.768645	0.878937	0.843885	1.04005	0.703581
1.052428	0.928445	0.836024	0.710149	0.977587	0.598685	0.653298	0.803151	0.596886	0.66078
0.974708	0.830358	1.001041	0.69382	1.095308	0.699601	0.429571	0.586113	0.60642	0.742781
0.758261	0.895966	0.700396	0.770767	1.047645	0.512612	0.50149	0.63242	0.796944	0.916231
0.898451	0.752756	0.673461	0.686404	1.009026	0.758615	0.690211	0.777131	1.09043	0.885863
0.875204	0.608045	0.821659	0.736445	0.819944	0.800206	0.985983	0.743139	0.864435	0.662726
0.755797	0.68796	0.945018	0.67296	0.987816	0.678484	0.767505	0.786062	0.707601	0.538157
0.542682	0.7219	0.872571	0.697037	0.880192	0.543964	0.721509	0.63242	0.692383	0.383956
0.668223	0.862686	0.825919	0.640592	0.855082	0.588514	0.820359	0.789946	0.826461	0.894088
0.64668	0.734207	0.807754	0.499074	0.634027	0.797486	0.98393	0.783492	0.820682	0.574782
0.792961	0.731944	0.875761	0.529453	0.790056	0.808468	0.907172	0.461768	0.652606	0.713328
0.629816	0.743383	0.974129	0.715732	0.998292	0.698521	0.958093	0.678186	0.826461	0.559914
0.510799	0.734207	0.811879	0.833803	0.844536	0.606473	1.284796	0.961561	1.05456	0.698259
0.714807	0.714246	0.649999	0.795705	0.647053	0.568859	0.748042	0.678186	0.942475	0.669603
0.734234	0.649889	0.633198	0.59403	0.79269	0.752461	0.853942	0.664332	0.81075	0.523764
0.56983	0.821943	0.958361	0.747184	0.683487	0.59357	0.855463	0.670215	0.812155	0.544793
0.444811	0.801593	0.781213	0.790335	0.906845	0.623388	0.733996	0.678186	0.888922	0.481312
0.56664	0.711006	0.697201	0.59488	0.79534	0.688914	0.786579	0.809907	0.89399	0.703581
0.638166	0.868832	0.688796	0.802513	0.799345	0.726377	0.797106	0.818156	0.929376	0.952669
0.568232	0.899273	0.704692	0.616688	1.031325	0.877645	0.714845	0.65661	0.577603	0.783293
0.57385	0.849169	0.791636	0.8236	1.031325	0.650546	0.80112	0.502067	0.673571	0.525182
0.624337	0.975253	1.003182	0.895502	0.615192	0.512612	0.917592	0.678186	0.681832	0.473046
0.86089	0.844755	0.61351	0.907567	0.553899	0.640988	0.994292	0.917529	0.634472	0.717731
0.752128	0.924909	0.60058	0.737625	0.647998	0.731004	0.712647	0.838034	0.446274	0.540358
0.54874	0.871937	0.650952	0.870724	0.574982	0.850779	0.667886	0.600165	0.60206	0.537426
0.406902	0.802921	0.445175	1.034562	0.624059	0.691031	0.562956	0.598488	0.417549	0.449748
0.452684	0.668996	0.591337	1.011757	0.784836	0.85851	0.654255	0.805841	0.498367	0.604432
0.655364	0.612309	0.638727	0.676026	0.617833	0.7881	0.715949	0.903791	0.624309	0.860544
0.609178	0.719699	0.591337	0.697037	0.660482	0.703951	0.805171	0.921033	0.410236	0.813945
0.612698	0.735344	0.532344	0.909319	0.640491	0.782826	0.564512	0.749017	0.696677	0.726674
0.738934	0.813688	0.52372	0.947829	0.638634	0.853855	0.541733	0.640642	0.431967	0.681653
0.643824	0.714246	0.688796	0.633096	0.42494	0.916858	0.556786	0.494756	0.655539	0.645524
0.671245	0.479657	0.57985	0.71349	0.597983	0.615293	0.46902	0.577256	0.568675	0.662726
0.577908	0.554605	0.498832	0.671943	0.58143	0.66429	0.494136	0.658527	0.542185	0.776907
0.654391	0.737625	0.541883	0.695962	0.499524	0.586841	0.55986	0.597652	0.544459	0.553044
0.865609	1.016709	0.794281	0.8236	0.571	0.678484	0.595196	0.783492	0.475087	0.487129
0.737754	0.828944	0.858503	0.71349	0.550105	0.840182	0.630929	0.673187	0.534692	0.464316

0.68878	0.613167	0.62774	0.651116	0.650847	0.675403	0.697561	0.567796	0.376445	0.669603
0.64668	0.56294	0.588849	0.641538	0.597983	0.60473	0.568428	0.714886	0.636345	0.770613
0.696212	0.500351	0.656712	0.572497	0.427781	0.62795	0.552215	0.561602	0.464215	0.674584
0.727278	0.756324	0.774823	0.763181	0.591286	0.759856	0.60707	0.54575	0.429045	0.60273
0.64668	0.519305	0.732551	0.656965	0.605643	0.742794	0.648542	0.635143	0.577603	0.68884
0.67633	0.514488	0.665499	0.783714	0.749954	0.512612	0.570004	0.607794	0.618864	0.701444
0.582005	0.51244	0.622349	0.651116	0.58551	0.524738	0.544702	0.688359	0.566271	0.671589
0.722701	0.507026	0.56866	0.61848	0.558497	0.64958	0.606211	0.579654	0.461696	0.484534
0.606557	0.498369	0.53819	0.444033	0.653715	0.683668	0.71046	0.747835	0.782248	0.579585
0.497045	0.445657	0.686719	0.473246	0.53234	0.935078	0.931887	0.897081	0.952079	0.784582
0.535228	0.547164	0.669462	0.612238	0.614315	0.654429	0.733996	0.65661	0.957945	0.631693
0.76323	0.520691	0.772294	0.570884	0.740482	0.600404	0.711552	0.64249	0.673571	0.642723
0.726129	0.469051	0.663531	0.530919	0.531615	0.513316	0.763789	0.51087	0.624309	0.789775
0.609178	0.422351	0.654783	0.563698	0.643291	0.567261	0.780128	0.677181	0.722225	0.598506
0.595379	0.653644	0.738343	0.670928	0.672332	0.745191	0.691253	0.567796	0.603799	0.503706
0.721565	0.661252	0.789006	0.612238	0.624059	0.424427	0.634578	0.684261	0.678715	0.727805
0.747284	0.525577	0.734858	0.559757	0.564703	0.423853	0.665913	0.574872	0.538422	0.577978
0.603952	0.648956	0.604847	0.472604	0.627657	0.416463	0.663948	0.555495	0.542185	0.41478
0.490995	0.51108	0.51179	0.400595	0.655638	0.434887	0.775034	0.681213	0.699925	0.619169
0.581182	0.408194	0.391087	0.34598	0.523012	0.440809	0.638258	0.587743	0.732645	0.595991
0.5518	0.484739	0.511098	0.416662	0.520888	0.433126	0.598555	0.650907	0.576784	0.594322
0.500443	0.54203	0.660595	0.499074	0.542614	0.502187	0.55986	0.336817	0.570284	0.697202
0.369508	0.537678	0.563171	0.501126	0.560814	0.403687	0.560632	0.548726	0.520802	0.483888
0.324488	0.418494	0.537454	0.538324	0.690737	0.595268	0.674866	0.663359	0.586718	0.511206
0.503867	0.430169	0.536721	0.623904	0.564703	0.476197	0.458511	0.589379	0.620672	0.501011
0.679409	0.625361	0.597196	0.471962	0.500197	0.380765	0.529335	0.530457	0.55445	0.638093
0.559547	0.533368	0.682597	0.4212	0.575783	0.43843	0.525043	0.4527	0.562295	0.535968
0.45822	0.51176	0.4159	0.449477	0.551619	0.416463	0.567642	0.593496	0.5437	0.503706
0.372039	0.413584	0.459052	0.588965	0.528729	0.378176	0.405131	0.54206	0.600328	0.469908
0.320864	0.499029	0.53819	0.497712	0.511109	0.349709	0.532945	0.66142	0.582551	0.58771
0.490995	0.477766	0.580661	0.432174	0.434676	0.315334	0.508286	0.398231	0.505254	0.489739
0.597933	0.507699	0.541142	0.47389	0.340765	0.317124	0.542473	0.555495	0.505949	0.437389
0.401437	0.465369	0.501528	0.331824	0.482382	0.404234	0.399763	0.529742	0.571092	0.433347
0.43297	0.336731	0.480415	0.294906	0.363268	0.414213	0.38046	0.447349	0.517219	0.416989
0.526448	0.51108	0.52586	0.412729	0.370202	0.263606	0.537317	0.419871	0.533209	0.611305
0.550267	0.524876	0.563171	0.404419	0.375224	0.249947	0.434166	0.320188	0.553673	0.424809
0.502494	0.424014	0.399024	0.462452	0.553138	0.360476	0.47979	0.447349	0.540676	0.355175
0.397113	0.480289	0.396362	0.339317	0.472791	0.461569	0.476595	0.491473	0.563087	0.508464
0.419741	0.465369	0.519472	0.477121	0.410458	0.441405	0.426723	0.467301	0.563881	0.57082
0.433555	0.459904	0.595514	0.59488	0.51737	0.369995	0.524332	0.418211	0.50804	0.531621
0.525002	0.619221	0.665499	0.518613	0.508355	0.36346	0.530055	0.47479	0.470577	0.558378
0.416355	0.617483	0.563171	0.499074	0.583057	0.450455	0.602792	0.694579	0.495642	0.521646
0.426018	0.515173	0.561615	0.604341	0.563922	0.605601	0.601941	0.697723	0.500422	0.397504
0.499761	0.584907	0.580661	0.67398	0.511109	0.454128	0.527184	0.569358	0.573522	0.547028
0.449033	0.68491	0.696141	0.600015	0.411555	0.384939	0.431862	0.448532	0.590081	0.579585
0.533752	0.661252	0.504241	0.64822	0.562365	0.431372	0.569215	0.583679	0.506645	0.573987
0.466974	0.608894	0.550879	0.607833	0.716557	0.716142	0.809261	0.783492	0.629823	0.617409

0.39873	0.602144	0.631371	0.624814	0.494842	0.572881	0.562956	0.738493	0.791542	0.654996
0.525002	0.700379	0.592169	0.586455	0.492189	0.479444	0.598555	0.610366	0.771864	0.73696
0.583654	0.718603	0.632284	0.71349	0.61344	0.622481	0.496129	0.556254	0.574335	0.689877
0.512198	0.700379	0.62774	0.805266	0.695991	0.699601	0.731699	0.741973	0.548274	0.815328
0.383352	0.515173	0.500178	0.654031	0.618717	0.699601	0.552973	0.637884	0.609056	0.730076
0.570631	0.639728	0.60058	0.72025	0.496842	0.598685	0.490833	0.582871	0.615272	0.684719
0.736578	0.801593	0.754987	0.919978	0.609091	0.734508	0.517982	0.469783	0.855014	0.815328
0.753348	0.853628	0.595514	0.801143	0.803387	0.74041	0.732846	0.586927	0.753039	0.787171
0.558766	0.837497	0.530172	0.88542	0.712146	0.682626	0.492151	0.777131	0.650661	0.646462
0.62343	0.849169	0.701466	0.8236	0.574182	0.712783	0.404052	0.812639	0.540676	0.556847
0.795645	0.957815	0.750166	0.856508	0.624059	0.710558	0.63275	0.725968	0.806562	0.735805
0.730742	1.025497	0.72344	0.8193	0.582243	0.635352	0.494799	0.709449	0.6956	0.809822
0.827768	0.991363	0.700396	1.061113	0.548596	0.611744	0.707199	0.598488	0.511547	0.698259
0.854677	0.798951	0.753777	0.949751	0.864329	0.834241	0.697561	0.6547	0.627057	0.610439
0.643824	0.930223	0.84637	0.830863	0.733511	0.696368	0.75645	0.880748	0.743322	0.640865
0.781083	0.981224	0.583101	0.797058	0.625854	0.660319	0.597713	0.669229	0.739734	0.675587
0.871982	1.029958	0.644326	0.862769	0.573385	0.732169	0.47979	0.601007	0.716542	0.75346
0.984995	0.90428	0.805026	0.681184	0.483677	0.758615	0.703963	0.595985	0.618864	0.808456
0.778488	0.621842	0.800965	0.732923	0.569417	0.602129	0.67286	0.767145	0.696677	0.667627
0.908808	0.645241	0.757418	0.778489	0.772054	0.5625	0.708283	0.82094	0.783564	0.62271
0.923014	0.725222	0.544861	0.564491	0.590456	0.757377	0.531498	0.729348	0.677682	0.60614
0.86089	0.867287	0.805026	0.588965	0.573385	0.871172	0.675872	0.718181	0.60206	0.764409
1.067269	0.628908	0.863142	0.907567	0.77585	0.790761	0.96392	0.696672	0.628899	0.738118
0.935837	0.5817	0.783795	0.731756	0.913771	0.553906	0.674866	0.623464	0.544459	0.509148
0.76323	0.568328	0.958361	0.516477	0.685546	0.532032	0.511724	0.635143	0.636345	0.434498
1.057319	0.917924	0.917736	0.436288	0.942639	0.701771	0.58773	0.666284	0.477035	0.457578
0.801064	0.633384	0.838955	0.588127	0.903422	0.913304	0.831748	0.695624	0.60467	0.574782
0.791625	0.547902	0.787698	0.604341	0.87858	0.745191	0.910618	0.786062	0.742123	0.47494
0.919419	0.796324	0.875761	0.61047	0.748759	0.445605	0.880548	0.756178	0.788866	0.425938
0.943338	0.816423	0.858503	0.520042	0.627657	0.589352	0.719276	0.929917	0.826461	0.526605
0.910559	0.782154	0.950686	0.633096	0.802036	0.422708	0.475323	0.618177	0.712048	0.634424
0.782387	0.611453	0.905568	0.690626	0.973562	0.629789	0.641969	0.519854	0.658493	0.539623
0.634435	0.571438	0.704692	0.663891	0.853559	0.712783	0.948551	0.691458	0.68079	0.396975
0.685634	0.666076	0.724568	0.622995	0.71545	0.665289	1.022449	0.641565	0.745731	0.40444
0.595379	0.559131	0.806388	0.499074	0.636785	0.500132	0.65714	0.635143	0.771864	0.626281
0.590315	0.590577	0.682597	0.700278	0.791371	0.537212	0.488864	0.51224	0.847316	0.727805
0.547217	0.720798	0.55775	0.67398	0.633111	0.541702	0.547691	0.62524	0.992773	0.693001
0.573043	0.742225	0.551637	0.653057	0.535251	0.481403	0.812009	0.745481	0.74937	0.535968
0.736578	0.841837	0.583918	0.572497	0.495507	0.500816	0.793128	0.917529	0.660474	0.556084
0.711467	0.686941	0.60143	0.635892	0.647053	0.578575	0.660045	0.620812	0.661467	0.819503
0.738934	1.014539	0.668467	0.703544	0.71105	0.631636	0.592693	0.601849	0.607297	0.708969
0.551033	0.979225	0.621457	0.809429	0.676355	0.577757	0.626411	0.694579	0.746941	0.711143
0.488334	0.711006	0.55775	0.717985	0.525861	0.639101	0.694396	0.808547	0.683922	0.902472
0.620722	0.783424	0.431728	0.47389	0.459711	0.684712	0.80653	0.725968	0.467385	0.751065
0.752128	0.83606	0.7257	0.724816	0.468387	0.646697	0.706117	0.682226	0.43373	0.577177
0.68459	1.239022	0.863142	0.992208	0.758416	0.590193	0.567642	0.869669	0.59347	0.436231
0.606557	0.979225	0.817441	1.105633	0.698111	0.557792	0.494799	0.627024	0.494964	0.615656

0.801064	0.683898	0.592169	0.683265	0.571	0.739223	0.692298	0.563914	0.484912	0.675587
0.759498	0.612309	0.468974	0.533866	0.544102	0.640043	0.61139	0.562371	0.50456	0.65404
0.698358	0.545691	0.634115	0.557409	0.500197	0.602994	0.638258	0.733897	0.597744	0.580391
0.822008	0.700379	0.705772	0.675002	0.657569	0.630711	0.758882	0.807192	0.693453	0.691957
0.649556	0.690005	0.870986	0.470044	0.557727	0.708344	0.647597	0.455702	0.57515	0.845437
0.740117	0.46354	0.710122	0.510832	0.536713	0.750024	0.726008	0.464219	0.53395	0.972102
0.895053	0.46354	0.562392	0.417792	0.484975	0.521854	0.549947	0.57408	0.652606	0.724421
0.980851	0.647094	0.653822	0.510131	0.609091	0.567261	0.670864	0.595985	0.748153	0.653085
1.06476	0.819174	0.676485	0.55121	0.757197	0.551592	0.887053	0.606087	0.622487	0.990367
1.06476	0.884587	0.888757	0.562117	0.856609	0.66629	0.903753	0.606087	0.586718	0.934068
0.816323	0.620093	0.841906	0.55198	0.702381	0.80986	0.72714	0.540593	0.567071	0.760729
0.785007	0.516546	0.67953	0.403323	0.73236	0.735682	0.646654	0.524065	0.686022	0.536696
0.812108	0.648024	0.802315	0.579009	0.837158	0.745191	0.869395	0.534772	0.742123	0.653085
0.775907	0.892684	0.729112	0.634958	0.628561	0.625207	0.780128	0.511554	0.768033	0.645524
0.541181	0.806927	0.635954	0.589805	0.601371	0.60998	0.580391	0.553981	0.823562	0.595991
0.607429	0.669973	0.733703	0.588965	0.676355	0.850779	0.729414	0.584489	0.754269	0.65404
0.782387	0.789826	0.640585	0.622088	0.864329	0.790761	0.732846	0.62524	0.57515	0.54331
1.098564	1.001745	0.841906	0.766957	0.674339	0.720661	0.702889	0.662388	0.750589	0.650235
0.810712	1.200834	0.853913	0.95949	0.594622	0.570463	0.566074	0.713793	0.887246	0.732358
0.713691	0.979225	0.651906	0.737625	0.689694	0.727529	0.520793	0.829403	0.661467	0.885863
0.58614	0.788538	0.469602	0.622088	0.858142	0.864795	0.676881	0.79518	0.672549	0.895752
0.424297	0.769662	0.502205	0.801143	0.625854	0.763601	0.637335	0.64249	0.652606	0.950772
0.612698	0.813688	0.610893	0.65992	0.526576	0.773748	0.582011	0.693536	0.992773	1.000857
0.830677	0.726335	0.798279	0.851871	0.44761	0.453514	0.629116	0.768381	0.786207	0.741611
0.695142	0.677876	0.769779	0.96544	0.635864	0.57369	0.723753	0.784775	0.633538	0.637173
0.574659	0.621842	0.724568	0.759437	0.690737	0.761101	0.869395	0.723729	0.611709	0.91275
0.754571	0.443327	0.786393	0.78635	0.81021	0.894261	0.852427	0.611227	0.643921	0.879393
1.047592	0.70354	0.802315	0.851871	1.050028	0.73804	0.872553	0.763458	0.709819	0.77312
0.915853	0.601307	0.563951	0.649183	0.791371	0.582689	0.875733	0.636055	0.646797	0.571609
0.708152	0.5348	0.553157	0.699195	0.652757	0.536469	0.789187	0.594324	0.659482	0.590178
0.639104	0.43928	0.608291	0.754494	0.583057	0.513316	0.75645	0.525477	0.74937	0.770613
0.547217	0.628019	0.634115	0.590647	0.780962	0.543964	0.679921	0.614688	0.795587	0.610439
0.582005	0.623598	0.806388	0.631242	0.767045	0.543964	0.646654	0.753778	0.716542	0.649288
0.543435	0.618351	0.874163	0.716857	0.699174	0.596973	0.882165	0.648083	0.859699	0.848417
0.544189	0.528394	0.751366	0.683265	0.657569	0.546239	0.670864	0.51224	0.641065	0.647402
0.549503	0.460508	0.675475	0.662894	0.469014	0.490666	0.516584	0.587743	0.579246	0.576377
0.744882	0.636092	0.553157	0.810825	0.625854	0.555456	0.628213	0.786062	0.490915	0.704653
0.664226	0.697241	0.733703	0.602605	0.583057	0.683668	0.586909	0.428273	0.598604	0.605285
0.655364	0.68491	0.777368	0.649183	0.428922	0.660319	0.625513	0.542796	0.52514	0.56846
0.440036	0.552359	0.498161	0.544341	0.572588	0.767379	0.540994	0.606939	0.768033	0.682673
0.403069	0.553106	0.503561	0.880466	0.625854	0.790761	0.523622	0.682226	0.753039	0.813945
0.58864	0.620967	0.565515	0.95362	0.602222	0.747601	0.782697	0.750203	0.757979	0.793711
0.651483	0.711006	0.584736	0.781093	0.623164	0.876017	0.588553	0.723729	0.768033	0.669603
0.572238	0.798951	0.821659	0.671943	0.523723	0.616185	0.549194	0.765913	0.650661	0.734653
0.522124	0.777114	0.715622	0.689567	0.546343	0.489998	0.592693	0.787353	0.672549	0.721063
0.744882	0.607197	0.703614	0.721387	0.628561	0.59612	0.765024	0.725968	0.701014	0.66078
0.595379	0.430733	0.503561	0.59403	0.623164	0.598685	0.824595	0.645278	0.784883	0.721063

0.525002	0.413042	0.62774	0.521477	0.647053	0.487335	0.562956	0.77587	0.67153	0.571609
0.547217	0.603822	0.634115	0.374729	0.498852	0.701771	0.517282	0.687331	0.796944	0.546282
0.644774	0.5348	0.562392	0.373195	0.499524	0.502187	0.649489	0.606087	0.568675	0.362926
0.598788	0.563705	0.813263	0.561329	0.488239	0.561712	0.761329	0.667264	0.636345	0.341469
0.603952	0.499689	0.710122	0.589805	0.682461	0.488665	0.644774	0.462379	0.524414	0.539623
0.665222	0.628019	0.640585	0.406068	0.738146	0.599544	0.644774	0.432821	0.716542	0.499
0.664226	0.812328	0.79561	0.559757	0.611695	0.5625	0.58773	0.51707	0.725671	0.610439
0.632581	0.648956	0.6481	0.614012	0.515273	0.657364	0.630929	0.508142	0.609939	0.499
0.644774	0.704598	0.533798	0.535347	0.657569	0.694225	0.554494	0.553227	0.533209	0.395392
0.482403	0.530519	0.567084	0.741185	0.579809	0.610861	0.478509	0.39403	0.488237	0.419766
0.505935	0.742225	0.417011	0.546618	0.488239	0.564081	0.529335	0.540593	0.597744	0.429342
0.59708	0.742225	0.438692	0.447655	0.423808	0.478793	0.669869	0.560067	0.621578	0.62271
0.43885	0.59385	0.445175	0.511533	0.489552	0.546239	0.674866	0.601849	0.512252	0.595991
0.43885	0.491176	0.383293	0.536089	0.417082	0.504252	0.58527	0.74081	0.486904	0.489085
0.383873	0.400758	0.13806	0.527263	0.296869	0.533506	0.461576	0.561602	0.486239	0.609576
0.59284	0.558374	0.254556	0.360613	0.393273	0.555456	0.670864	0.650907	0.374386	0.50506
0.546458	0.614027	0.450553	0.439845	0.486278	0.498767	0.583638	0.635143	0.423834	0.532343
0.731903	0.762336	0.455389	0.59488	0.61344	0.542455	0.502841	0.529029	0.375929	0.553802
0.781083	0.654588	0.612636	0.652085	0.404474	0.587677	0.545447	0.51707	0.446881	0.478114
0.868784	0.615752	0.790319	0.872332	0.420993	0.59612	0.51519	0.681213	0.499051	0.528748
0.880081	0.944721	0.777368	0.95949	0.633111	0.661308	0.552215	0.636968	0.590081	0.743955
1.00633	1.480213	0.954507	0.877194	0.812969	0.829838	0.626411	0.571713	0.562295	0.583629
1.00633	1.707662	1.050765	2.14209	1.328256	0.853855	1.108814	0.842414	0.612597	0.698259
1.188366	1.194238	1.085655	1.225461	1.43572	0.942585	1.202949	1.002005	0.702104	1.092742
1.14363	1.265196	1.112412	1.480168	1.122665	1.707682	1.561622	1.382285	1.1957	1.15468
1.575145	1.204413	2.3871	1.068645	0.609957	2.570785	1.663008	1.934828	1.642586	0.935893
0.959213	1.242136	1.266495	1.16757	1.366127	1.618333	1.947194	0.84536	0.899117	0.823719
1.031771	1.217777	1.50069	1.316311	1.329272	1.342233	0.939584	0.99989	1.231143	1.106064
1.289731	0.793713	1.474504	1.289917	1.586988	0.879278	0.909431	0.868818	1.052977	1.959024
1.331702	1.752614	1.026214	1.263524	0.950166	1.061632	0.828205	0.848511	0.972704	1.551774
1.804622	1.191233	1.13899	0.861195	0.961706	0.976024	0.878165	0.777131	1.580565	0.89243
2.058797	1.314495	1.050765	1.086746	1.161019	1.032733	1.004379	0.928126	1.273794	1.693336
2.279004	1.374143	1.254847	1.664569	1.279095	1.076837	2.029851	1.680929	1.316574	1.417826
1.166514	1.197523	2.217288	1.397171	1.413095	1.84986	1.76537	1.439886	1.519078	1.959024
1.333034	1.124574	1.175164	0.851871	0.733511	2.062629	1.360694	1.422802	1.479482	1.60813
1.082635	1.152805	1.163985	1.521247	1.245913	1.544267	1.405718	1.177122	2.638793	1.136894
1.201876	1.443839	1.181036	1.213475	1.991558	1.016722	1.928773	1.450742	1.364033	1.714776
2.012053	0.999649	1.065376	1.717624	1.125498	0.699601	1.119874	1.528829	1.250012	1.272997
1.074802	0.895966	0.992581	0.72367	0.712146	1.248566	2.053231	1.30491	1.273794	1.625672
1.913374	1.190977	1.251032	0.543584	0.528729	1.609452	1.336027	0.959634	1.623944	0.799015
1.123112	1.548553	1.748683	1.296478	1.28105	1.5519	1.423488	0.635143	0.982237	0.909297
1.105667	1.257555	1.307457	1.310201	0.973562	0.822597	0.852427	0.84536	1.144396	0.86518
1.181611	1.318435	1.312946	2.326051	1.328256	1.097974	0.682932	0.764146	3.097431	1.841476
1.536412	2.431682	3.175768	1.305123	1.122021	0.543267	0.613099	0.723539	0.906766	0.900782
1.408887	1.16268	1.188508	1.146068	1.086534	1.01456	0.978572	1.238334	0.98684	0.91275
1.500852	1.214335	0.956026	1.051047	1.72079	0.942585	1.862033	1.06093	1.775212	1.395034
1.130587	0.765984	0.861005	1.378764	2.546194	0.731004	1.452615	2.13982	1.306463	1.749062

1.115035	1.136115	0.995925	1.706482	1.73213	0.92264	1.158842	1.217893	1.262178	1.161073
1.125575	1.130845	2.580142	0.679114	1.114276	1.395044	1.276943	1.899954	1.16885	1.092742
1.142916	1.345396	1.070358	0.909319	1.678178	1.675813	1.77793	0.912326	1.726363	1.119807
2.058797	0.902605	1.38317	1.582865	1.688445	0.902813	2.352344	1.309612	1.967097	1.145696
1.037796	0.935603	0.943642	2.651581	1.621202	1.292879	1.301245	1.433233	2.032038	0.962276
0.915594	0.910591	0.939623	0.951681	0.864329	0.432164	1.236592	1.379495	2.31928	0.747495
0.905589	0.913093	2.782967	0.839743	2.202412	0.216082	0.89288	1.180305	1.303291	0.66078
1.02239	1.394422	0.876418	1.1983	1.366127	0.605455	0.943854	1.34548	1.126619	0.894088
1.310434	1.184527	1.030473	1.187511	1.688445	0.994828	0.969341	1.55076	1.672141	1.043202
1.89607	1.844579	1.42644	0.692753	1.176722	1.387252	0.982084	0.975713	1.775212	1.575037
1.220058	1.351493	1.069584	0.787674	0.889996	2.433947	0.9371	0.892117	1.092623	0.793711
1.276546	1.942662	1.210538	1.338448	1.570841	1.26021	1.095147	0.610366	1.209532	1.749062
1.333034	1.384164	1.466358	2.036157	1.504801	0.899372	2.161827	1.253193	2.745248	2.021113
0.987082	1.548553	1.979705	1.349403	0.850942	0.761101	0.777507	0.781609	0.910077	0.974311
1.706614	1.565322	1.232448	0.802513	0.826728	0.793914	0.785711	0.779558	0.817963	1.038545
1.349366	2.180957	1.582091	1.833331	2.318396	1.053889	1.423488	0.854317	0.946431	1.296569
1.59166	0.733074	1.409349	2.173169	1.28105	1.310184	1.074582	1.528829	1.109265	1.400329
0.841014	0.82613	1.162433	1.236608	1.04292	1.095275	1.084929	0.537291	1.117347	1.272099
1.567117	1.603721	1.088258	0.97759	1.052423	1.655796	1.090102	1.087515	1.121387	1.125428
1.52376	1.545438	1.032018	1.225564	1.196039	1.124231	1.107167	1.783133	1.5974	0.91275
1.990442	1.924698	1.128791	1.166515	1.332813	1.952931	1.109788	0.912326	1.01258	1.135594
1.521837	1.603721	1.20424	1.255492	1.269019	0.790761	1.011057	1.11241	1.062495	1.416613
1.562779	1.542308	1.241964	1.279689	1.42426	1.392554	0.900909	0.955983	2.31928	1.318068
1.833018	2.150317	0.763554	0.829401	1.562987	1.357927	1.200781	1.017123	1.110502	1.142742
3.526158	1.556018	0.921276	1.229214	0.967594	1.76662	1.3233	1.078262	1.126622	1.773522
0.774623	1.207532	1.398896	1.218354	1.269019	1.51501	1.228699	1.322717	1.156334	1.206015
0.779784	1.171909	1.13799	0.932753	1.314865	1.134681	0.851011	0.33321	0.948532	1.186046
2.484766	1.740932	0.645267	0.987981	1.698961	0.567341	0.666421	0.74073	1.030437	1.093456
1.969856	1.686819	0.958361	1.550964	1.578839	0.7655	0.81504	1.450742	1.112341	1.300784
0.99767	1.104981	1.368573	1.740804	0.96366	0.86458	2.193822	1.746327	2.137198	0.722179
1.212291	1.186182	1.574027	1.320052	0.71105	1.76662	1.685215	1.656901	1.606502	1.469483
1.160073	1.729557	1.652633	1.271531	1.342998	2.246274	1.628587	1.624102	1.588901	1.53693
1.095616	1.265196	0.964207	1.365943	1.881487	1.3494	1.355801	1.633072	0.848845	0.816715
1.072713	1.084165	1.129392	0.949751	1.183166	1.266283	1.877781	1.134842	1.860642	0.826553
1.804622	1.078439	1.174619	1.218354	1.079684	1.131425	1.133133	1.723416	3.097431	1.192601
1.051747	1.13539	1.096161	0.836763	2.13936	0.596708	0.95323	1.428275	1.967097	1.416613
1.070648	1.718472	1.81293	1.430819	0.418381	0.626695	0.775034	2.014299	0.756739	0.836619
1.990442	1.293188	1.362004	1.970825	0.656682	0.641688	0.712647	1.164616	1.199117	0.60273
1.382103	1.165735	1.204273	1.263524	0.894983	0.803815	0.758231	1.181867	2.276245	0.934068
1.664823	1.0748	0.786393	0.95949	1.017809	2.115658	1.76537	1.351812	2.367052	0.945132
1.141148	0.522081	0.593838	0.706834	1.498047	1.143612	1.054964	1.521758	0.703198	0.708969
1.077452	0.761127	0.968149	0.858065	1.092664	0.913304	0.641969	0.940824	0.9078	0.695096
0.825063	1.548553	0.95643	0.600015	0.544102	1.092593	1.108814	1.104288	1.049669	0.591831
0.978451	0.827535	0.668467	0.779789	0.641422	1.361667	1.5317	1.50121	1.005764	0.407678
1.600159	0.823334	0.55775	1.102884	1.91517	1.356727	1.593759	1.438991	0.627057	0.754663
0.746081	0.882986	1.126436	1.056163	0.983851	0.696368	0.875733	0.829403	0.37336	0.728939
0.954838	0.853628	0.847868	0.829401	0.900027	0.911538	0.578777	0.900423	0.773148	0.73696

[illegible]

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0.033858	0.016929	0.384918	0.851487	1.209403	0.80282	0.846423	1.087734	0.613924	0.800131
1.168869	0.88096	1.407307	0.752907	0.636406	0.599828	0.56601	0.594766	0.611221	0.517326
0.516616	0.422984	0.732978	0.360423	0.469067	0.371361	0.532027	0.443439	0.467951	0.520937
0.243272	0.32257	0.421932	0.291765	0.532106	0.381316	0.303942	0.379966	0.306436	0.270161
0.277722	0.359301	0.494999	0.304484	0.223277	0.34038	0.469868	0.247741	0.368543	0.383468
0.454841	0.463428	0.20155	0.389776	0.178302	0.322429	0.298817	0.305584	0.323227	0.326129
0.408408	0.484824	0.388235	0.478969	0.304453	0.217675	0.182874	0.39036	0.438014	0.401266
0.455454	0.525919	0.537095	0.334309	0.345127	0.038984	0.426185	0.409169	0.228414	0.317419
0.417306	0.341741	0.467785	0.316258	0.370351	0.203018	0.540833	0.662027	0.412274	0.50248
0.296454	0.351408	0.391911	0.324739	0.486358	0.465885	0.414392	0.670966	0.475769	0.317419
0.352206	0.480854	0.527622	0.373336	0.453695	0.456963	0.401294	0.592247	0.385831	0.31606
0.283051	0.343657	0.335602	0.380452	0.38407	0.522914	0.535674	0.518508	0.263653	0.50248
0.336532	0.465966	0.344495	0.537376	0.372433	0.456963	0.437138	0.522767	0.339732	0.578216
0.495258	0.417258	0.425906	0.390299	0.307588	0.387185	0.291241	0.327774	0.40663	0.44648
0.325933	0.453422	0.446939	0.560797	0.545114	0.39259	0.413838	0.383576	0.37319	0.425026
0.40676	0.553827	0.474111	0.463186	0.448068	0.457594	0.58693	0.491131	0.658619	0.604655
0.418995	0.503843	0.373329	0.420132	0.437027	0.562074	0.610645	0.45488	0.500106	0.470985
0.438019	0.520113	0.481179	0.303195	0.420976	0.473681	0.401294	0.45184	0.528849	0.503175
0.311164	0.479539	0.432225	0.464428	0.549015	0.525122	0.505266	0.376387	0.407753	0.294007
0.360507	0.467241	0.449943	0.395043	0.543564	0.381316	0.458682	0.390886	0.488443	0.496269

0.375044	0.372953	0.299186	0.426353	0.305346	0.525861	0.627509	0.342125	0.356388	0.395795
0.348354	0.51724	0.337925	0.41622	0.262781	0.474337	0.537142	0.443439	0.347491	0.414116
0.366463	0.442434	0.355994	0.33247	0.217394	0.447602	0.517737	0.312562	0.302889	0.375095
0.348354	0.549949	0.35794	0.479612	0.321752	0.34038	0.380819	0.364828	0.37319	0.274251
0.408959	0.502456	0.334677	0.56548	0.425671	0.377097	0.303083	0.399394	0.500106	0.349922
0.336066	0.413295	0.316126	0.544794	0.350552	0.352608	0.336031	0.424257	0.392292	0.526777
0.456683	0.356819	0.398822	0.374346	0.239111	0.386112	0.258308	0.444034	0.290699	0.505969
0.376065	0.306849	0.386149	0.544794	0.242193	0.393134	0.390674	0.325957	0.32138	0.415251
0.40676	0.530324	0.34639	0.453984	0.350056	0.360113	0.353974	0.318762	0.281355	0.465206
0.410063	0.448504	0.373329	0.44676	0.246858	0.519258	0.414946	0.41082	0.398301	0.44283
0.449968	0.384403	0.421932	0.439068	0.224018	0.293345	0.351091	0.342596	0.268114	0.539455
0.320055	0.37812	0.391384	0.488722	0.37087	0.395318	0.315699	0.295322	0.356888	0.597677
0.40676	0.477574	0.430493	0.595528	0.479626	0.397513	0.374709	0.340715	0.416841	0.521663
0.397536	0.512256	0.517645	0.49136	0.371391	0.565301	0.417729	0.501196	0.590186	0.34797
0.554215	0.390243	0.599586	0.56548	0.340738	0.472372	0.327784	0.572606	0.525888	0.47228
0.436255	0.33322	0.438051	0.481548	0.392733	0.490387	0.301799	0.461644	0.395013	0.409603
0.415064	0.341263	0.473475	0.613555	0.472996	0.523649	0.364218	0.419731	0.423785	0.515174
0.542065	0.469801	0.504463	0.454591	0.40719	0.482957	0.386497	0.528513	0.427887	0.490147
0.618863	0.312622	0.562115	0.410691	0.471683	0.652904	0.467357	0.598997	0.557244	0.369942
0.642743	0.435854	0.485737	0.363369	0.401573	0.550968	0.548309	0.419731	0.412842	0.513032
0.620654	0.478228	0.474749	0.471321	0.489764	0.637339	0.453195	0.42998	0.457741	0.594229
0.72687	0.572938	0.502417	0.616193	0.599667	0.519258	0.398615	0.447619	0.469892	0.57328
0.515911	0.421833	0.541539	0.382507	0.565794	0.618636	0.464239	0.658112	0.580039	0.432651
0.553445	0.364811	0.597041	0.411791	0.484327	0.409787	0.504584	0.532142	0.587627	0.330317
0.533905	0.509433	0.482476	0.373336	0.491133	0.44822	0.425048	0.456714	0.586777	0.40292
0.624258	0.443037	0.524033	0.47006	0.418068	0.395866	0.437138	0.41303	0.456481	0.589958
0.634327	0.476921	0.639663	0.544047	0.462596	0.299008	0.476209	0.442252	0.375793	0.449546
0.499989	0.42762	0.55823	0.442602	0.498048	0.409221	0.395952	0.452446	0.427887	0.485443
0.417306	0.354351	0.35794	0.422384	0.471683	0.422418	0.46861	0.375369	0.544737	0.455119
0.548097	0.462165	0.549804	0.364356	0.522416	0.380786	0.413838	0.401008	0.616643	0.531953
0.562769	0.486822	0.665615	0.518663	0.522416	0.456963	0.49514	0.484549	0.640954	0.46905
0.521588	0.556954	0.653889	0.492685	0.689345	0.420094	0.585284	0.586426	0.573403	0.367898
0.439199	0.492196	0.525465	0.558474	0.597909	0.330368	0.546804	0.458557	0.451479	0.363839
0.415624	0.443641	0.551324	0.438482	0.693698	0.385576	0.57554	0.434614	0.392292	0.370968
0.442759	0.413859	0.6676	0.458867	0.571535	0.420094	0.437138	0.387216	0.43681	0.555646
0.545071	0.473023	0.42762	0.460097	0.574849	0.487671	0.623007	0.487828	0.565249	0.499709
0.397	0.619286	0.345916	0.360913	0.446208	0.471067	0.589409	0.578243	0.476427	0.524578
0.541317	0.533286	0.510657	0.450357	0.368278	0.514911	0.56601	0.497142	0.450858	0.428529
0.544317	0.637789	0.534891	0.50891	0.469719	0.401381	0.437723	0.477421	0.61938	0.582373
0.453008	0.744381	0.670595	0.571803	0.597033	0.567736	0.551336	0.521343	0.604096	0.454496
0.515911	0.635903	0.440994	0.586375	0.766125	0.585177	0.716598	0.586426	0.531831	0.459503
0.533905	0.578674	0.431647	0.413446	0.557724	0.512754	0.46486	0.445823	0.561228	0.456367
0.462879	0.543055	0.439814	0.377897	0.462596	0.486319	0.405616	0.476779	0.550946	0.52531
0.44695	0.606787	0.541539	0.554631	0.627865	0.401381	0.333265	0.466004	0.611221	0.607301
0.482015	0.619286	0.589495	0.501398	0.553744	0.402492	0.532754	0.467258	0.462816	0.544785
0.515911	0.564873	0.460313	0.468802	0.588366	0.497947	0.692817	0.517097	0.403836	0.699617
0.478767	0.460276	0.507205	0.579028	0.617648	0.693359	0.476209	0.491131	0.345538	0.641335

0.456068	0.685707	0.481827	0.754117	0.444356	0.491752	0.458069	0.673988	0.457741	0.678266
0.51874	0.731291	0.651965	0.639748	0.416332	0.566111	0.55515	0.74047	0.498717	0.565176
0.322306	0.709571	0.665615	0.784211	0.505783	0.702144	0.803654	0.642797	0.463454	0.612642
0.438609	0.595494	0.498355	0.684836	0.657015	0.760219	0.537878	0.540236	0.591901	0.692024
0.485946	0.637789	0.399895	0.624203	0.677596	0.676304	0.458069	0.521343	0.464094	0.676187
0.395929	0.725469	0.525465	0.585553	0.56174	0.514911	0.46176	0.601555	0.515679	0.677225
0.436255	0.537018	0.494999	0.549307	0.634493	0.628823	0.540092	0.676013	0.452724	0.614437
0.687457	0.617478	0.624085	0.892807	0.700309	0.941746	0.752484	0.578243	0.527366	0.709579
0.594534	0.510137	0.625889	0.619735	0.625989	0.538614	0.674285	0.566251	0.617554	0.730216
0.467269	0.499696	0.618718	0.625102	0.363139	0.377097	0.61239	0.635338	0.682289	0.621693
0.723445	0.675279	0.616943	0.559247	0.426852	0.587727	0.576344	0.562326	0.628629	0.64518
0.715558	0.590379	0.717079	0.652982	0.598787	0.817038	0.652658	0.583955	0.551728	0.672059
0.673046	0.499696	0.824006	0.77268	0.630693	0.671109	0.559771	0.535068	0.459004	0.661909
0.573102	0.53403	0.797717	0.5726	0.615816	0.543976	0.541574	0.554581	0.483731	0.559591
0.610893	0.581986	0.653889	0.620625	0.510778	0.500729	0.466731	0.649431	0.72214	0.620779
0.539824	0.704031	0.821162	0.641614	0.65501	0.570185	0.423348	0.457328	0.471842	0.544785
0.575521	0.503149	0.682788	0.675639	0.995691	0.793138	0.6159	0.581498	0.68654	0.654942
0.664029	0.53403	0.514137	0.448555	0.809574	0.693359	0.676305	0.747594	0.846075	0.760609
0.611771	0.653182	0.633181	0.436145	0.557724	0.511322	0.537878	0.726562	0.999921	0.569209
0.67406	0.611209	0.567613	0.512368	0.632589	0.418937	0.473661	0.581498	0.714099	0.50667
0.493915	0.496271	0.672604	0.566265	0.701421	0.53407	0.644112	0.575818	0.822075	0.533443
0.685369	0.501074	0.824006	0.528639	0.503659	0.457594	0.618552	0.592247	0.768594	0.712951
0.650363	0.612991	0.694273	0.477044	0.588366	0.416631	0.871081	0.583134	0.57837	0.441016
0.669015	0.61478	0.757973	0.440243	0.553744	0.465885	0.674285	0.612819	0.702865	0.444043
0.678138	0.616577	0.623186	0.426353	0.556925	0.333368	0.546804	0.619899	0.738682	0.671034
0.535377	0.469801	0.614295	0.476405	0.783255	0.681562	0.474297	0.616344	0.804907	0.617144
0.567508	0.411607	0.652926	0.49468	0.808149	0.631643	0.659423	0.64092	0.599701	0.486112
0.520874	0.373467	0.585359	0.443193	0.577352	0.537094	0.699175	0.646576	0.615735	0.407923
0.626981	0.453422	0.539311	0.31803	0.432809	0.519258	0.668279	0.667966	0.567679	0.383468
0.638983	0.450956	0.609917	0.363862	0.500844	0.448839	0.608908	0.592247	0.558833	0.448931
0.516616	0.547639	0.663638	0.550821	0.583248	0.638296	0.497147	0.585601	0.62398	0.488125
0.461011	0.620192	0.472204	0.559247	0.696991	0.508472	0.494474	0.481294	0.669778	0.656921
0.438019	0.646381	0.469043	0.50891	0.60677	0.456963	0.573937	0.522767	0.625833	0.564373
0.482668	0.582818	0.526183	0.473221	0.543564	0.41491	0.639436	0.647525	0.562832	0.435621
0.451181	0.623838	0.566035	0.53885	0.702536	0.537853	0.708889	0.587253	0.474456	0.447704
0.411169	0.582818	0.700667	0.686907	0.744697	0.597206	0.623007	0.592247	0.639993	0.510901
0.481363	0.539272	0.479885	0.583912	0.401573	0.550186	0.552858	0.585601	0.466018	0.571647
0.551911	0.598937	0.421367	0.41124	0.495269	0.613179	0.724446	0.731149	0.390668	0.60028
0.50067	0.479539	0.456624	0.515154	0.402131	0.519258	0.68863	0.62619	0.422039	0.541732
0.345011	0.540781	0.511351	0.607463	0.534374	0.512038	0.573138	0.568623	0.352411	0.516607
0.404027	0.512256	0.524748	0.593849	0.411166	0.538614	0.54982	0.503238	0.558038	0.612642
0.453008	0.701835	0.594511	0.681749	0.458122	0.553324	0.64789	0.570212	0.427299	0.489472
0.565922	0.740772	0.590327	0.643489	0.542018	0.395866	0.746491	0.744017	0.440431	0.40292
0.536115	0.765421	0.436295	0.632364	0.507916	0.509183	0.599473	0.481943	0.453348	0.496269
0.448155	0.660092	0.505832	0.628718	0.712699	0.621391	0.536408	0.539494	0.531083	0.629071
0.511701	0.617478	0.506518	0.672615	0.75214	0.791772	0.645053	0.607584	0.532579	0.666955
0.485946	0.723162	0.455402	0.588853	0.574018	0.605119	0.732438	0.644682	0.402723	0.659907

0.43333	0.686764	0.439226	0.626906	0.465819	0.471067	0.703466	0.523481	0.417991	0.467124
0.462255	0.653182	0.59116	0.720332	0.552952	0.705485	0.569956	0.541724	0.403836	0.507372
0.398611	0.492873	0.567613	0.693179	0.512216	0.662924	0.702389	0.763443	0.490479	0.54402
0.50684	0.529587	0.56999	0.595528	0.510778	0.777025	0.712176	0.824683	0.500802	0.561976
0.577954	0.547639	0.487705	0.493349	0.496656	0.577616	0.631144	0.655199	0.513522	0.73257
0.516616	0.693159	0.512742	0.602308	0.39328	0.617722	0.689673	0.606718	0.714099	0.700713
0.622452	0.826598	0.654854	0.793397	0.588366	0.637339	0.546804	0.741649	0.666706	0.604655
0.703447	0.686764	0.610789	0.711457	0.723105	0.570185	0.497147	0.628004	0.407753	0.579875
0.679164	0.686764	0.693216	0.526482	0.507204	0.755176	0.58693	0.491131	0.387437	0.578216
0.661064	0.619286	0.552849	0.701684	0.520944	0.611375	0.680375	0.552284	0.553297	0.579045
0.592847	0.501765	0.609046	0.849974	0.564168	0.595467	0.601173	0.547727	0.465376	0.565176
0.497955	0.598937	0.699595	0.657808	0.627865	0.69011	0.631144	0.673988	0.589331	0.499709
0.454841	0.557739	0.71154	0.440243	0.533617	0.573472	0.570749	0.639051	0.557244	0.71863
0.533905	0.528116	0.54303	0.409593	0.623191	0.703255	0.581198	0.501876	0.468597	0.827161
0.566714	0.577027	0.519764	0.506164	0.510778	0.705485	0.694926	0.622584	0.674947	0.73257
0.658119	0.642541	0.645298	0.682775	0.525374	0.478958	0.728995	0.851212	0.727976	0.633747
0.56042	0.610321	0.747084	0.674628	0.61127	0.543976	0.802299	0.686287	0.52515	0.589108
0.633402	0.521558	0.767886	0.64255	0.80109	0.590292	0.638507	0.469777	0.635222	0.425608
0.750417	0.485489	0.544526	0.610063	0.568245	0.653896	0.778595	0.41082	0.639035	0.487453
0.77022	0.572125	0.675634	0.523622	0.299571	0.668021	0.715488	0.467258	0.489799	0.558009
0.77276	0.69965	0.719315	0.733995	0.518745	0.542437	0.87267	0.594766	0.574227	0.456367
0.699125	0.678381	0.684853	0.708175	0.69589	0.570185	0.8346	0.524197	0.501499	0.52825
0.713331	0.530324	0.572381	0.567052	0.72663	0.605119	0.673278	0.493126	0.646763	0.428529
0.599634	0.416122	0.509273	0.496685	0.65903	0.751432	0.679354	0.431134	0.533329	0.550958
0.661064	0.533286	0.7704	0.547797	0.683965	0.55728	0.621219	0.520632	0.620296	0.420974
0.625164	0.455902	0.712642	0.863787	0.799691	0.504935	0.794253	0.560766	0.614829	0.517326
0.515206	0.387579	0.699595	0.621516	0.614903	0.476972	0.587755	0.50392	0.635222	0.638474
0.554986	0.527382	0.674622	0.515154	0.597909	0.593735	0.527691	0.453661	0.950138	0.720923
0.599634	0.482174	0.658736	0.47006	0.537415	0.73557	0.590239	0.524913	0.706205	0.505269
0.897291	0.542296	0.652926	0.569421	0.667183	0.58858	0.620328	0.598997	0.604096	0.40292
0.732638	0.737192	0.610789	0.88455	0.680769	0.423001	0.867921	0.646576	0.763463	0.705123
0.625164	0.551496	0.699595	0.523622	0.600548	0.401381	0.721065	0.647525	0.780364	0.749421
0.723445	0.424139	0.496338	0.484794	0.539711	0.492436	0.590239	0.515691	0.642882	0.696347
0.8357	0.557739	0.699595	0.522199	0.591812	0.800032	0.706712	0.642797	0.620296	0.466484
0.867776	0.583652	0.712642	0.760217	0.712699	0.600705	0.923249	0.798334	0.817719	0.677225
0.686412	0.425876	0.706069	0.539588	0.585799	0.489027	0.727853	0.729998	0.640954	0.609074
0.59538	0.449116	0.818338	0.504115	0.640257	0.476311	0.517737	0.49647	0.735084	0.602025
0.589493	0.424717	0.637801	0.465673	0.618567	0.629761	0.677319	0.45184	0.653639	0.729043
0.564343	0.444246	0.726093	0.553103	0.72663	0.607789	0.68759	0.41414	0.739888	0.535688
0.702362	0.413859	0.697458	0.673621	0.5824	0.462677	0.928647	0.624383	0.707324	0.553295
0.723445	0.580327	0.77675	0.460097	0.525374	0.570185	0.718826	0.523481	0.650679	0.529727
0.807208	0.569694	0.60386	0.629626	0.724277	0.783666	0.774768	0.55689	0.701757	0.588261
0.635254	0.529587	0.624085	0.523622	0.619488	0.627887	0.620328	0.603269	0.763463	0.652972
0.698051	0.61478	0.797717	0.55158	0.678651	0.596336	0.735909	0.698944	0.898463	0.54402
0.83423	0.638736	0.939315	0.691078	0.702536	0.662924	0.939648	0.591411	0.738682	0.737318
0.619757	0.537768	0.79238	0.779049	0.707023	0.580122	0.714381	0.476138	0.706205	0.560385
0.596227	0.404368	0.492997	0.646315	0.736172	0.599828	0.595252	0.456102	0.769886	0.650034

0.566714	0.489501	0.570786	0.533714	0.691516	0.703255	0.629322	0.538014	0.477086	0.473578
0.679164	0.678381	0.845946	0.550821	0.645119	0.417206	0.724446	0.586426	0.438617	0.433837
0.695911	0.802463	0.877038	0.664655	0.649048	0.476972	0.704545	0.676013	0.616643	0.644216
0.672035	0.856824	0.771663	0.5872	0.856266	0.80282	0.558225	0.560766	0.617554	0.711824
0.693782	0.678381	0.59116	0.494014	0.736172	0.928468	0.551336	0.639051	0.709571	0.654942
0.740844	0.621101	0.614295	0.482196	0.668213	0.798644	0.565226	0.609322	0.511376	0.580706
0.706716	0.756634	0.851989	0.738646	0.539711	0.567736	0.626604	0.650387	0.591901	0.796013
0.681222	0.771808	0.769142	0.553103	0.587509	0.497254	0.619439	0.593085	0.675989	0.629071
0.626981	0.676311	0.690061	0.631449	0.811005	0.727263	0.604594	0.501876	0.787043	0.763134
0.61797	0.632155	0.743514	0.609195	0.784602	0.696633	0.533482	0.447019	0.572581	0.513032
0.947604	0.687823	0.720437	0.664655	0.725452	0.619552	0.49514	0.49647	0.577538	0.503175
0.794972	0.774389	0.815531	0.748101	0.635449	0.752676	0.676305	0.563892	0.585083	0.65891
0.504774	0.714054	0.622289	0.593013	0.583248	0.551752	0.56288	0.50392	0.528107	0.399617
0.549619	0.52665	0.545276	0.5272	0.707023	0.765321	0.679354	0.653268	0.769886	0.485443
0.565922	0.466603	0.458465	0.414554	0.591812	0.571005	0.416057	0.61723	0.642882	0.565176
0.586165	0.572938	0.722691	0.535175	0.624122	0.663938	0.519851	0.553814	0.547055	0.605535
0.470432	0.802463	0.580446	0.492022	0.618567	0.612276	0.700244	0.507349	0.611221	0.665941
0.434498	0.65613	0.482476	0.607463	0.590085	0.602465	0.537878	0.493793	0.517123	0.650034
0.484631	0.588688	0.59116	0.4861	0.544338	0.694448	0.579574	0.532142	0.613924	0.707346
0.487264	0.66914	0.774199	0.579028	0.605876	0.692273	0.63389	0.571806	0.535587	0.69418
0.567508	0.795612	0.867474	0.77649	0.667183	0.64798	0.847924	0.671971	0.594485	0.730216
0.453008	0.806626	0.646244	0.827885	0.609464	0.653896	0.601173	0.606718	0.588478	0.633747
0.46601	0.602408	0.536359	0.770159	0.704774	0.804221	0.467983	0.505289	0.540901	0.630936
0.552677	0.618381	0.372319	0.56784	0.598787	0.635432	0.529131	0.589743	0.498717	0.625366
0.551145	0.808022	0.61783	0.563913	0.512216	0.777025	0.582012	0.63719	0.602333	0.75065
0.537595	0.771808	0.582895	0.602308	0.576516	0.85319	0.802299	0.648477	0.648716	0.916476
0.453008	0.634963	0.513439	0.767652	0.468415	0.671109	0.512845	0.763443	0.649696	0.754357
0.517323	0.609435	0.476027	0.735153	0.700309	0.739179	0.481996	0.794316	0.639035	0.774686
0.5124	0.667113	0.531241	0.709266	0.597909	0.653896	0.52411	0.723154	0.585929	0.720923
0.478767	0.724314	0.655821	0.677666	0.56498	0.67526	0.565226	0.633492	0.569307	0.737318
0.483976	0.564074	0.655821	0.88455	0.739805	0.959436	0.638507	0.726562	0.75338	0.67001
0.565922	0.617478	0.579633	0.838053	1.022826	0.904838	0.645053	0.857334	0.702865	0.655931
0.538337	0.662086	0.432804	0.693179	0.809574	0.721425	0.571544	0.965265	0.789744	0.828631
0.663038	0.872765	0.821162	0.636964	0.592678	0.72844	0.618552	0.839221	0.768594	0.988902
0.977165	0.769242	0.873827	0.798734	0.630693	0.941746	0.679354	0.821833	0.702865	0.743327
0.702362	0.692087	0.720437	0.608328	0.594414	0.685815	0.595252	0.874629	0.52515	0.630936
0.66205	0.666103	0.632263	0.68587	0.827058	0.631643	0.529131	0.809234	0.709571	0.7556
0.822647	0.635903	0.562115	0.802781	0.811005	0.634482	0.596093	0.735784	0.558038	0.839065
0.731478	0.670157	0.68797	0.731688	0.640257	0.582642	0.423348	0.595609	0.635222	0.737318
0.723445	0.451571	0.739974	0.736314	0.727811	0.817038	0.59778	0.651345	0.628629	0.603777
0.651325	0.492873	0.593671	0.815151	0.749645	0.599828	0.790285	0.592247	0.667728	0.800131
0.738484	0.446066	0.469043	0.735153	0.565794	0.48162	0.608908	0.696809	0.661634	0.612642
0.8284	0.617478	0.678685	0.61268	0.698094	0.628823	0.754904	0.568623	0.647738	0.765675
0.82122	0.65613	0.79504	0.608328	0.739805	0.72844	0.77604	0.738121	0.680179	0.676187
0.698051	0.680462	0.750683	0.766404	0.664108	0.625091	0.546053	0.673988	0.627695	0.582373
0.59369	0.587003	0.557457	0.737479	0.768717	0.58433	0.638507	0.624383	0.673909	0.561976
0.577142	0.385459	0.511351	0.643489	0.592678	0.680505	0.821673	0.60499	0.514959	0.867106

0.804459	0.539272	0.624986	0.721454	0.880798	0.744039	0.885592	0.576625	0.605866	0.846674
0.629721	0.53403	0.842956	0.836586	0.93828	0.676304	0.897224	0.751201	0.771182	0.697434
0.650363	0.470444	0.948716	1.092468	0.784602	0.577616	0.773499	0.603269	0.702865	0.526777
0.604794	0.39185	0.695332	0.788124	0.707023	0.659893	0.761014	0.651345	0.803506	0.672059
0.822647	0.764155	0.663638	0.709266	0.787306	0.766606	0.738238	0.606718	0.690834	0.676187
0.667014	0.780911	0.507893	0.836586	0.577352	0.495183	0.668279	0.653268	0.679127	0.760609
0.473619	0.693159	0.530515	0.696349	0.523153	0.620471	0.704545	0.49647	0.614829	0.727874
0.469164	0.583652	0.671598	0.701684	0.591812	0.673179	0.619439	0.50392	0.535587	0.830106
0.541317	0.517956	0.572381	0.585553	0.640257	0.783666	0.541574	0.534335	0.624906	0.921919
0.745604	0.740772	0.74948	0.91329	0.749645	0.815596	0.635731	0.706502	0.714099	0.787892
0.61619	0.771808	0.822582	0.983312	0.551373	0.75769	0.735909	0.685248	0.74231	0.833072
0.623354	0.745591	0.845946	0.785512	0.436422	0.807037	0.753692	0.781185	0.562832	0.702913
0.448758	0.566474	0.722691	0.868491	0.553744	0.857928	0.887235	0.863544	0.758393	1.050598
0.632479	0.631223	0.552849	0.830766	0.529101	0.67526	0.553621	0.876236	0.73628	0.986777
0.796314	0.920787	0.644354	0.967187	0.698094	0.755176	0.682424	0.866682	0.776405	0.885178
0.613533	0.707346	0.521893	0.86535	0.757173	0.746489	0.58693	0.869844	0.739888	0.748195
0.651325	0.882618	0.958326	0.853006	0.667183	0.843866	0.596935	0.767185	0.620296	0.938669
0.58122	0.891003	0.886817	0.790752	0.75089	0.761489	0.608908	0.689417	0.883079	0.873591
0.775315	0.612991	0.709343	0.816548	0.666156	0.779669	0.895543	0.824683	0.712963	0.654942
0.83423	0.741972	0.628609	0.805499	0.622262	0.932221	0.86635	0.934743	1.169901	0.611748
0.74441	0.993674	0.865901	0.713659	0.638327	0.851622	0.794253	0.913182	0.826475	0.785219
0.615303	0.787532	1.060869	0.853006	0.837592	1.156615	0.814654	0.723154	0.677032	0.796013
0.597076	0.626593	0.877038	0.695289	0.875779	0.639255	0.661376	0.759734	0.600577	0.545552
0.682255	0.659098	0.968153	0.785512	0.811005	0.627887	0.827371	0.899381	0.803506	0.486112
0.750417	0.810829	0.877038	0.743348	0.859458	0.587727	0.716598	0.708686	0.819166	0.722073
0.61619	0.828061	0.784495	0.478327	0.874119	0.756431	0.670272	0.593925	0.793827	0.637525
0.694846	0.634025	0.625889	0.72825	0.788665	0.662924	0.707799	0.857334	1.013312	0.753118
0.675076	0.503149	0.883533	0.562352	0.626926	0.681562	0.811878	0.874629	0.87148	0.754357
0.745604	0.605907	0.834107	0.413446	0.745929	0.769187	1.016651	0.855796	0.898463	0.675151
0.930788	1.053361	0.799062	0.488722	0.759712	0.643111	0.87267	0.836274	0.964078	0.730216
0.732638	0.954722	0.652926	0.636964	0.753393	0.661911	0.718826	0.709782	0.989068	0.711824
0.710011	0.819359	0.582895	0.955473	0.788665	0.682621	0.78766	0.783779	0.817719	0.851305
0.805831	0.993674	0.841468	0.981263	0.831541	0.892627	0.964485	0.991747	0.706205	0.828631
0.715558	0.819359	0.943051	0.802781	0.795524	0.67735	0.813263	0.895998	0.720982	0.807083
0.732638	0.808022	0.634101	0.652982	0.692605	0.598952	0.852457	0.650387	0.755879	0.789235
0.635254	0.882618	0.781898	0.664655	0.63354	0.656884	0.897224	0.754837	0.822075	0.772092
0.529518	0.728953	0.708249	0.713659	0.474314	0.652904	0.803654	0.729998	0.635222	0.638474
0.583686	0.641587	0.614295	0.71036	0.692605	0.742819	0.6517	0.851212	0.620296	0.609074
0.462879	0.677345	0.535624	0.796057	0.781913	0.773089	0.552096	0.726562	0.557244	0.69095
0.552677	0.937423	0.578821	0.627811	0.815324	0.857928	0.599473	0.642797	0.585083	0.738514
0.870958	0.995824	0.697458	0.641614	0.510061	0.67735	0.68759	0.729998	0.582553	0.635632
0.657142	0.876024	0.62952	0.634198	0.500144	0.525122	0.700244	0.62619	0.453973	0.661909
0.520874	0.671177	0.494331	0.5872	0.5498	0.496563	0.624802	0.583134	0.535587	0.642293
0.610017	0.572938	0.385628	0.660729	0.375051	0.564492	0.533482	0.691516	0.538616	0.701811
0.70128	0.584487	0.440404	0.652982	0.599667	0.646026	0.543808	0.749995	0.467306	0.700713
0.511701	0.623838	0.757973	0.775216	0.717293	0.701037	0.694926	0.706502	0.544737	0.662913
0.446349	0.708457	0.723822	0.911546	0.822621	0.807037	0.850941	0.692569	0.598827	0.630936

0.569896	0.660092	0.677666	0.951638	0.600548	0.615899	0.807746	0.63719	0.482394	0.668989
0.84014	0.675279	0.639663	0.800079	0.635449	0.862719	0.727853	0.676013	0.572581	0.811308
0.728017	0.726627	0.7704	0.790752	0.565794	0.779669	0.735909	0.846677	0.733891	0.846674
0.656167	0.540781	0.721563	0.600603	0.580711	0.628823	0.6413	0.539494	0.586777	0.528988
0.69698	0.613885	0.598736	0.594688	0.63354	0.681562	0.765965	0.596453	0.453348	0.578216
0.542065	0.671177	0.704984	0.540328	0.507204	0.540139	0.540833	0.662027	0.597085	0.629071
0.531706	0.44123	0.59116	0.578219	0.63354	0.649943	0.635731	0.557663	0.591901	0.657914
0.501351	0.45466	0.646244	0.615312	0.562548	0.623237	0.620328	0.588081	0.54783	0.652972
0.698051	0.504538	0.668596	0.524335	0.571535	0.532566	0.6517	0.461025	0.502896	0.412983
0.781769	0.594637	0.654854	0.701684	0.690429	0.625091	0.722189	0.532872	0.471842	0.463297
0.569099	0.654162	0.676649	0.644429	0.548232	0.504935	0.493143	0.64092	0.660626	0.376133
0.638983	0.598074	0.622289	0.660729	0.599667	0.607789	0.674285	0.671971	0.57837	0.567591
0.799012	0.822241	0.678685	0.50548	0.688264	0.76404	0.653618	0.588911	0.616643	0.566785
0.675076	0.901283	0.666606	0.697411	0.830042	0.665975	0.584464	0.458557	0.499411	0.47947
0.548857	0.670157	0.601291	0.541812	0.545892	0.540139	0.694926	0.600701	0.681232	0.585728
0.691664	0.613885	0.723822	0.631449	0.576516	0.526601	0.725579	0.718651	0.726802	0.611748
0.667014	0.627515	0.845946	0.725973	0.574849	0.712245	0.883956	0.456102	0.572581	0.671034
0.573102	0.499696	0.819748	0.654906	0.839118	0.819939	0.863224	0.596453	0.643849	0.57328
0.846131	0.377601	0.670595	0.770159	1.054272	0.819939	0.818851	0.529236	0.733891	0.698524
0.78832	0.482835	0.582895	0.499372	0.80109	0.576784	0.841952	0.629826	0.614829	0.356328
0.686412	0.424139	0.625889	0.629626	0.815324	0.6784	0.898911	0.577433	0.603213	0.505269
0.705624	0.573753	0.530515	0.550821	0.724277	0.69011	0.841952	0.559988	0.658619	0.513032
0.711115	0.595494	0.549804	0.504797	0.815324	0.756431	0.753692	0.629826	0.626763	0.330785
0.596227	0.484824	0.631347	0.794725	0.897958	0.703255	0.603736	0.425395	0.514959	0.470339
0.462879	0.435854	0.6676	0.544047	0.845275	0.651915	0.58693	0.425395	0.755879	0.535688
0.475542	0.418968	0.619608	0.466297	0.694793	0.663938	0.63389	0.357453	0.76474	0.596812
0.556531	0.467241	0.447538	0.473856	0.667183	0.608683	0.640367	0.471041	0.725632	0.634689
0.592006	0.47367	0.525465	0.681749	0.819687	0.779669	0.610645	0.482593	0.527366	0.521663
0.508223	0.477574	0.670595	0.61796	0.530601	0.563684	0.584464	0.431134	0.447149	0.526043
0.479414	0.428787	0.590327	0.480902	0.493196	0.542437	0.573937	0.489807	0.543198	0.482778
0.475542	0.391314	0.456624	0.520074	0.675493	0.67526	0.596935	0.394588	0.650679	0.647115
0.422393	0.342219	0.414647	0.471954	0.514381	0.558075	0.548309	0.431134	0.563636	0.518046
0.459151	0.442434	0.541539	0.701684	0.50225	0.650928	0.475571	0.564677	0.601454	0.518767
0.469164	0.427038	0.573181	0.480902	0.425081	0.500729	0.501864	0.573407	0.502197	0.372511
0.503401	0.449728	0.557457	0.560021	0.49182	0.531816	0.464239	0.494461	0.528107	0.468407
0.487264	0.393462	0.348771	0.452167	0.573189	0.633534	0.58693	0.485857	0.574227	0.646146
0.504087	0.416122	0.334677	0.668617	0.579028	0.500032	0.413285	0.546218	0.438014	0.730216
0.498632	0.360297	0.481179	0.557703	0.512216	0.527342	0.342556	0.423688	0.460271	0.53121
0.429268	0.35092	0.487048	0.387686	0.505074	0.527342	0.391724	0.396717	0.393378	0.281711
0.461633	0.299848	0.424198	0.416777	0.532861	0.628823	0.474933	0.465379	0.588478	0.654942
0.51945	0.375529	0.415203	0.46505	0.544338	0.50564	0.487206	0.438123	0.569307	0.812725
0.58122	0.376563	0.574785	0.548551	0.449935	0.525861	0.397015	0.515691	0.414551	0.595949
0.431585	0.450956	0.534158	0.35847	0.481634	0.486994	0.489835	0.442845	0.426711	0.414116
0.44157	0.358306	0.441585	0.479612	0.54279	0.485645	0.481996	0.489807	0.456481	0.406806
0.577142	0.44123	0.392967	0.520074	0.50863	0.475652	0.496477	0.430557	0.384231	0.46905
0.59538	0.496954	0.47157	0.524335	0.569065	0.498641	0.457456	0.464754	0.365472	0.476842
0.498632	0.475618	0.456013	0.531532	0.501547	0.541669	0.434229	0.382025	0.364453	0.412418

0.425244	0.401616	0.545276	0.5096	0.449935	0.434828	0.489835	0.529961	0.386901	0.313353
0.486604	0.501074	0.574785	0.537376	0.510061	0.573472	0.581198	0.519923	0.469892	0.48079
0.393262	0.744381	0.567613	0.530807	0.61127	0.598952	0.599473	0.488486	0.386366	0.590809
0.535377	0.574569	0.653889	0.648209	0.69589	0.653896	0.455016	0.39036	0.387437	0.463297
0.592847	0.447893	0.630432	0.5272	0.585799	0.517079	0.378773	0.38048	0.314524	0.303133
0.502033	0.52665	0.678685	0.482196	0.419229	0.614084	0.477488	0.510112	0.390668	0.387183
0.626981	0.587844	0.709343	0.634198	0.645119	0.807037	0.590239	0.590576	0.534081	0.667971
0.737308	0.619286	0.552086	0.80961	0.65501	0.676304	0.434809	0.483896	0.464734	0.693101
0.649403	0.670157	0.601291	0.625102	0.443126	0.64798	0.487206	0.48717	0.533329	0.51161
0.570695	0.806626	0.931937	0.702759	0.503659	0.774397	0.450778	0.687328	0.416268	0.466484
0.511701	0.707346	0.880273	0.733995	0.620411	0.69119	0.607177	0.660065	0.597085	0.44587
0.667014	0.762892	0.569196	0.61268	0.69589	0.740389	0.545303	0.594766	0.490479	0.530468
0.832765	0.841448	0.708249	0.789436	0.592678	0.959436	0.540092	0.55	0.459004	0.475533
0.548857	0.648313	0.545276	0.653943	0.54279	0.679451	0.434229	0.5115	0.489121	0.554077
0.449968	0.709571	0.59116	0.715872	0.575682	0.620471	0.626604	0.648477	0.546281	0.641335
0.613533	0.767964	0.71044	0.687946	0.618567	0.72962	0.706712	0.704329	0.763463	0.607301
0.664029	0.705133	0.569196	0.780333	0.534374	0.577616	0.465483	0.644682	0.517846	0.675151
0.565922	0.542296	0.679707	0.739817	0.584947	0.606897	0.374709	0.486513	0.547055	0.729043
0.456683	0.616577	0.669595	0.698475	0.434612	0.515633	0.39015	0.607584	0.463454	0.551736
0.608269	0.734822	0.807218	0.681749	0.588366	0.815596	0.679354	0.748793	0.625833	0.697434
0.707812	0.780911	0.679707	0.688987	0.845275	0.911973	0.64789	0.760967	0.667728	0.773387
0.655195	0.646381	0.609046	0.780333	0.669246	0.83776	0.548309	0.633492	0.627695	0.805684
0.618863	0.852154	0.715966	0.581463	0.596158	0.774397	0.504584	0.561546	0.696261	0.683506
0.513801	0.673223	0.631347	0.628718	0.510061	0.629761	0.496477	0.860428	0.642882	0.606417
0.402395	0.654162	0.744701	0.876446	0.680769	0.693359	0.45991	0.714193	0.707324	0.624445
0.552677	0.588688	0.724956	1.084619	0.877446	0.785007	0.659423	0.715303	0.691914	0.668989
0.640859	0.588688	0.912273	0.902928	0.963995	0.780997	0.828807	0.760967	0.555661	0.737318
0.576331	0.842962	0.877038	0.711457	0.845275	0.722587	0.672274	0.639051	0.385297	0.564373
0.591167	0.770523	0.728376	0.639748	0.742244	0.69119	0.630232	0.682148	0.417991	0.778606
0.583686	0.558526	0.487705	0.678683	0.834556	0.635432	0.644112	0.795651	0.632384	0.69095
0.734967	0.583652	0.737629	0.820765	0.721936	0.780997	0.850941	0.543217	0.783023	0.779921
0.716676	0.88096	0.976178	0.829323	0.643168	0.577616	0.693871	0.529236	0.72214	0.754357
0.734967	0.872765	0.808593	0.942196	0.803899	0.509895	0.682424	0.448821	0.57176	0.770801
0.755284	0.677345	0.747084	0.777767	1.110433	0.640216	0.725579	0.652306	0.691914	0.695262
0.981263	0.642541	0.771663	0.797394	0.865913	0.579285	0.626604	0.667966	0.552512	0.575741
0.927138	0.901283	0.834107	0.666632	0.704774	0.629761	0.761014	0.43871	0.616643	0.619867
1.024521	1.024791	0.704984	0.72258	0.721936	0.542437	0.56601	0.420858	0.627695	0.678266
0.875775	0.654162	0.679707	0.629626	0.645119	0.520717	0.540092	0.406431	0.484401	0.589958
0.663038	0.540781	0.816932	0.723708	0.599667	0.546294	0.682424	0.666971	0.591901	0.575741
0.651325	0.628439	0.7388	0.760217	0.770019	0.674218	0.732438	0.654233	0.66467	0.684562
0.640859	0.714054	0.572381	0.827885	0.619488	0.769187	0.600322	0.554581	0.711829	0.67001
0.885573	0.784871	0.595353	0.810988	0.565794	0.683683	0.556685	0.489146	0.725632	0.787892
1.036044	1.04604	0.690061	0.87967	0.712699	0.894351	0.803654	0.724287	0.860182	0.766951
0.751629	0.846004	0.709343	0.93113	0.848387	0.999331	1.078499	0.959376	0.946236	0.650034
0.588659	0.738382	0.901911	0.819354	0.514381	0.85006	0.506634	0.693625	0.797949	0.71635
0.612651	0.946948	0.831197	0.853006	0.490448	0.630701	0.600322	0.663011	0.735084	0.797382
0.611771	0.91538	0.801764	0.740991	0.534374	0.665975	0.618552	0.567831	0.727976	0.664929

0.514503	0.765421	0.512046	0.827885	0.627865	0.6784	0.566797	0.595609	0.584238	0.693101
0.502717	0.635903	0.555916	0.794725	0.63354	0.739179	0.779879	0.56704	0.566057	0.610855
0.564343	0.665095	0.731823	0.736314	0.630693	0.73199	0.659423	0.614578	0.513522	0.678266
0.75897	0.783547	0.633181	0.688987	0.577352	0.598952	0.632973	0.63812	0.563636	0.8655
0.874164	0.958661	0.66069	0.616193	0.562548	0.624163	0.521975	0.538014	0.54783	0.779921
0.858367	0.780911	0.628609	0.697411	0.532106	0.786351	0.64789	0.619899	0.480396	0.766951
0.590329	0.752922	0.831197	0.740991	0.453066	0.899563	0.791604	0.618118	0.720982	0.661909
0.555758	0.612991	0.774199	0.558474	0.603204	0.713382	0.939648	0.651345	0.712963	0.699617
0.92172	0.773097	0.847449	0.513063	0.515831	0.535579	0.63481	0.754837	0.787043	0.725544
1.126601	0.743175	0.682788	0.56863	0.608564	0.605119	0.590239	0.790335	0.874762	0.734938
0.9854	0.650254	0.895138	0.611806	0.768717	0.652904	0.742935	0.734621	0.718676	0.831587
0.695911	0.44123	0.774199	0.743348	0.853097	0.961447	0.902305	0.64092	0.627695	0.684562
0.781769	0.67942	0.541539	0.662688	0.492507	0.635432	0.800947	0.608452	0.706205	0.539455
0.586165	0.715182	0.561335	0.600603	0.56498	0.52218	0.532027	0.666971	0.772482	0.55722
0.611771	0.715182	0.649095	0.676651	0.608564	0.34523	0.449575	0.560766	0.692997	0.628142
0.767694	1.116843	0.785799	0.813759	0.688264	0.537094	0.607177	0.517802	0.706205	0.862305
0.74441	0.937423	0.732978	0.793397	0.477626	0.734374	0.741756	0.683179	0.679127	0.578216
0.760206	0.84448	0.565248	0.688987	0.667183	0.807037	0.783752	0.783779	0.835411	0.689879
0.681222	0.831	0.577202	0.672615	0.637366	0.745262	0.697045	0.573407	0.513522	0.722073
0.618863	0.698561	0.555916	0.708175	0.576516	0.765321	0.652658	0.608452	0.594485	0.672059
0.803091	0.832478	0.555147	0.896155	0.75214	0.625091	0.623007	0.754837	0.729153	0.544785
0.979209	0.640634	0.518351	0.779049	0.526117	0.565301	0.530577	0.720896	0.77904	0.724384
0.787002	0.607668	0.566035	0.666632	0.551373	0.616809	0.721065	0.735784	0.553297	0.597677
0.667014	0.668126	0.469043	0.669613	0.365187	0.552538	0.648839	0.682148	0.572581	0.595949
0.749209	0.701835	0.537095	0.752907	0.498048	0.600705	0.539353	0.777321	0.677032	0.804289
0.75897	0.856824	0.811355	0.708175	0.574849	0.699931	0.576344	0.729998	0.564441	0.608187
0.686412	0.573753	0.837036	0.653943	0.527607	0.865942	0.60288	0.585601	0.491841	0.695262
0.804459	0.464061	0.56999	0.77649	0.639291	0.83776	0.674285	0.659088	0.624906	0.802899
0.626981	0.696392	0.719315	0.694233	0.516558	0.715665	0.636654	0.71088	0.688682	0.914677
0.923518	0.788868	0.928295	0.841003	0.709284	0.767895	0.883956	0.894316	0.612121	0.724384
0.687457	0.686764	1.036932	0.789436	0.834556	0.5946	0.716598	0.787701	0.535587	0.681402
0.682255	0.467879	0.564463	0.555397	0.670281	0.571826	0.837526	0.756056	0.68654	0.891941
0.84014	0.468519	0.437465	0.517256	0.642195	0.649943	0.709982	0.668964	0.803506	0.794649
0.77022	0.573753	0.834107	0.530807	0.808149	0.494494	0.57234	0.685248	0.984802	0.774686
0.751629	0.518674	0.937459	0.715872	0.653013	0.636385	0.751278	0.546972	0.615735	0.897083
0.627893	0.700741	0.718196	0.604019	0.680769	0.750191	0.769716	0.55076	0.520025	0.925585
0.565132	0.700741	0.628609	0.589681	0.696991	1.063181	0.912651	0.548483	0.562832	0.878519
0.483976	0.596352	0.43688	0.471954	0.580711	0.643111	0.825939	0.785082	0.52515	0.664929
0.543565	0.711807	0.561335	0.638818	0.681831	0.656884	1.259889	0.953567	1.029476	0.639426
0.648446	0.733642	0.62952	0.701684	0.71499	0.789053	0.792926	0.588081	0.819166	0.682453
0.668013	0.655145	0.442769	0.684836	0.824095	0.5946	0.617666	0.316094	0.644818	0.817006
0.551145	0.673223	0.535624	0.52149	0.665131	0.865942	0.71771	0.35357	0.635222	0.597677
0.485946	0.759126	0.488363	0.61268	0.518745	0.589435	0.68863	0.465379	0.683348	0.474229
0.586995	0.813654	0.645298	0.718096	0.664108	0.612276	0.697045	0.60499	0.616643	0.520937
0.655195	0.621101	0.663638	0.668617	0.616731	0.752676	0.617666	0.47231	0.601454	0.637525
0.583686	0.566474	0.512742	0.679702	0.779242	0.903072	0.501187	0.540236	0.874762	0.797382
0.707812	0.680462	0.497009	0.601454	0.843728	0.786351	0.548309	0.452446	0.710699	0.746973

0.672035	0.842962	0.477952	0.624203	0.645119	0.756431	0.57554	0.571806	0.668752	0.610855
0.518031	0.665095	0.71044	0.692127	0.773947	0.939824	0.652658	0.718651	0.653639	0.591661
0.515206	0.447283	0.703901	0.911546	0.705897	0.809871	0.601173	0.690465	0.551728	0.743327
0.413391	0.444246	0.576395	0.72711	0.703653	0.656884	0.531301	0.726562	0.633328	0.595088
0.562769	0.371927	0.476027	0.602308	0.71042	0.689032	0.534943	0.608452	0.365472	0.64038
0.601347	0.44063	0.534891	0.602308	0.510061	0.665975	0.545303	0.583955	0.301127	0.555646
0.629721	0.750464	0.656791	0.664655	0.472339	0.582642	0.483943	0.574209	0.390128	0.50878
0.583686	0.583652	0.769142	0.614433	0.446827	0.432436	0.591904	0.760967	0.439221	0.673088
0.466639	0.527382	0.557457	0.609195	0.701421	0.399719	0.491155	0.732303	0.696261	0.789235
0.473619	0.394001	0.582895	0.588853	0.612175	0.474337	0.56288	0.535802	0.628629	0.587415
0.623354	0.637789	0.574785	0.4552	0.612175	0.424169	0.59778	0.591411	0.478407	0.477497
0.631558	0.438235	0.44934	0.433821	0.660041	0.568551	0.514237	0.667966	0.565249	0.779921
0.47298	0.47367	0.610789	0.46505	0.61127	0.534824	0.552096	0.62619	0.501499	0.742119
0.39486	0.361797	0.572381	0.600603	0.575682	0.528828	0.548309	0.474858	0.528107	0.60028
0.362483	0.403265	0.510657	0.388208	0.564168	0.437835	0.596935	0.405341	0.534081	0.419824
0.461011	0.501074	0.481179	0.461948	0.583248	0.401936	0.394891	0.389834	0.479732	0.549407
0.361988	0.612099	0.442769	0.50891	0.482306	0.411488	0.582012	0.361863	0.469244	0.720923
0.387979	0.458396	0.524033	0.588025	0.472339	0.404165	0.546053	0.320997	0.438014	0.477497
0.314698	0.446674	0.693216	0.806865	0.565794	0.45382	0.503222	0.502556	0.624906	0.503175
0.404027	0.520835	0.544526	0.481548	0.406625	0.521448	0.486552	0.562326	0.633328	0.64038
0.590329	0.462796	0.615176	0.532986	0.529851	0.537853	0.621219	0.497142	0.697355	0.44526
0.492577	0.475618	0.456013	0.638818	0.509345	0.562879	0.591904	0.493126	0.673909	0.462662
0.676094	0.552272	0.564463	0.746908	0.524633	0.598952	0.631144	0.553049	0.649696	0.561976
0.565132	0.655145	0.539311	0.532258	0.620411	0.744039	0.577149	0.726562	0.599701	0.463297
0.83423	0.683602	0.529066	0.736314	0.579028	0.602465	0.591071	0.572606	0.566867	0.36688
0.794972	0.794255	0.628609	0.93113	0.783255	0.689032	0.65458	0.471675	0.665687	0.492178
0.689555	0.861545	0.970145	1.203139	0.839118	0.765321	0.767212	0.575013	0.681232	0.510901
0.678138	0.960644	1.355839	1.00006	0.930665	1.324135	0.824512	0.798334	0.820618	0.589108
1.156367	1.116843	1.156869	1.324144	1.209403	1.888655	0.847924	0.922036	0.905479	1.078483
1.573391	1.334008	1.318649	1.43075	0.984867	2.483279	1.166002	0.995968	1.478804	0.964064
0.965098	1.191221	1.491456	1.91977	1.223988	1.194995	1.517091	1.741838	1.796021	0.811308
0.99168	1.215551	1.420857	1.456156	1.711466	1.209492	1.245244	1.518776	1.520462	0.768231
1.542335	1.439838	1.401877	1.541574	1.404329	1.280997	0.939648	1.879727	1.453099	1.257358
1.168869	1.002339	1.336846	1.273125	1.352501	2.900402	1.023354	1.190739	1.171673	1.143757
0.99168	1.036467	1.019403	1.241264	1.209403	0.910131	1.087981	1.152607	1.16214	1.152948
0.875775	1.252859	1.045516	1.746527	0.796908	0.398454	0.753906	1.896268	1.175115	1.188091
0.710011	0.964638	1.086202	1.054565	1.072197	0.597681	0.829817	1.023658	1.583058	1.234268
1.219246	1.368192	1.053548	1.0792	1.342644	0.988962	0.905727	1.833581	1.141588	1.412463
1.2722	0.904765	1.459499	1.267332	1.79958	1.840314	0.904013	1.026726	1.636743	1.269673
1.019996	0.855262	1.192021	1.701341	0.783255	1.558617	1.470548	1.696979	1.297516	1.241829
0.687457	0.987287	1.182148	1.413823	0.75089	1.259504	1.365026	1.610333	1.353204	0.490147
0.49931	0.889313	0.994795	2.11881	1.813764	0.784169	1.181926	1.265622	0.976394	0.984662
0.890557	1.053361	1.296925	1.037137	0.518569	0.800808	0.817448	1.349319	1.176452	1.277584
1.891158	1.201482	1.079479	1.086009	0.777853	0.789331	1.070897	1.303925	1.196718	1.241829
1.33252	1.105597	1.092538	1.758598	1.843604	1.048254	1.187411	2.732026	2.195337	1.012989
0.872558	1.219141	1.099068	0.870071	1.459345	1.434636	1.025612	2.08294	0.792462	0.749421
0.861481	0.911813	1.091451	1.114123	3.243401	1.230124	0.794253	1.282892	1.251953	1.234268

1.153297	1.264706	1.102787	1.176236	1.62873	1.159149	0.893868	0.991747	1.267422	2.22346
0.987483	1.548161	1.238349	2.018992	1.088174	0.991021	1.863348	1.117555	1.72052	1.374618
0.557306	1.211991	1.589608	1.712204	0.846828	1.039597	1.015309	1.205332	1.29311	0.833072
0.684328	0.995824	1.631054	2.06604	1.178275	1.44067	0.897224	1.110321	1.583058	1.174817
0.965098	0.745591	0.832649	1.404665	1.723011	1.348009	0.65458	0.934743	1.353204	0.432265
1.006697	0.894402	1.003332	1.331689	2.332624	1.132051	0.703466	0.794316	0.86453	0.648397
1.057588	1.137253	1.996235	1.295201	1.258713	1.195382	1.676386	2.236806	1.138496	1.412463
0.797661	1.131323	1.18929	2.28822	1.116181	1.227048	1.968594	1.580931	1.459384	0.791934
0.850679	1.241326	0.96223	1.997252	1.734872	1.171614	0.82026	1.819227	1.485475	1.528309
1.138264	1.738001	1.150773	1.492473	0.882483	1.465679	1.125779	1.502665	1.489193	1.390199
0.951432	1.191221	1.170997	1.448363	1.36772	1.038791	1.121362	1.079944	1.294923	1.492912
1.479648	0.914412	1.181109	1.323528	1.345624	1.116945	1.195099	1.100653	2.131355	1.099949
0.877393	2.203841	1.279336	2.657304	1.79958	1.156022	0.82309	1.2843	1.373502	0
2.160578	1.377564	1.587571	1.187862	1.096388	0.959739	1.517091	2.364709	0	0
1.167557	2.057515	0.980671	1.101988	0.637366	0.798552	0.426744	0	0	0
1.436466	0.583778	0.782225	1.534211	1.107587	0.054936	0	0	0	1.097207
1.874743	0.291889	0.587084	2.11881	0.109872	0.054936	0.027468	0	1.389373	1.143305
1.843665	0.590389	0.439487	0.219743	0.054936	0.082404	1.05608	0.013734	0.006867	0.003433
0.888889	1.208459	0.514938	0.477212	0.13734	0.109872	1.034761	0.065236	0.0103	0.00515
1.130511	1.63279	1.124532	1.690743	1.235258	0.123606	0.116739	2.033981	0.061803	1.385099
2.130532	1.169601	1.148405	1.079463	0.539732	0.331669	0.227637	0.058369	0.102403	0.97838
1.208692	2.323248	1.127209	1.103336	0.809597	0.674664	1.267723	0.143003	0.080386	0.020097
1.055141	1.911245	2.040863	1.115273	1.910242	1.03866	1.637654	2.138127	0.040193	0
1.726137	1.187092	0.562737	0.942017	2.059116	0.602549	0.342884	0.223453	0.253311	0.020097
1.248711	1.125473	0.768762	0.665749	0.166437	0.083219	0.104023	0.283169	1.666298	0.697434
0.663038	0.974787	2.065023	0.332875	0	0.124828	1.879212	0.974733	1.870826	1.194883
0.77276	0.91538	1.272215	0.395282	0.166437	0.145633	1.895677	0.49785	0.248925	0
1.08546	1.281023	0.45769	0.426486	1.813764	0.156035	0.020967	0	0	0
1.101452	1.237549	0.228845	0.442088	1.592608	0.041933	0	0	0	0
1.038385	1.293676	0.733197	0.335467	0.083867	0.020967	0.03145	0	0	1.479523
1.026801	1.682217	1.360719	0.167733	0	0.052417	0.861669	1.766134	0	0
3.323192	1.119491	0.459489	0.313611	0.240672	0.522992	2.010225	1.805333	0	0
1.212182	0.918977	0.689233	0.747272	0.805311	1.656564	1.5167	0.75835	0	0
1.288597	1.226411	0.947911	1.479406	1.342644	1.376835	3.034483	1.205284	0.379175	0
1.156367	0.976845	1.03461	0.99126	1.411025	2.753275	0.893868	2.201363	1.591557	0.189587
0.752844	0.897829	0.448915	0.891663	1.584028	1.550718	2.360228	1.354131	0.677065	0.433326
1.233728	1.128388	0.944209	0.967398	0.839118	0.947953	1.151042	1.707767	0.725876	0.555196
0.685369	1.100082	0.990588	1.386999	1.056788	0.664646	0.8827	0.854588	0.800581	0.774686
1.036044	0.879308	1.711187	1.023688	0.511844	0.612984	0.817448	1.463607	0.826475	0.722073
0.792299	0.727789	0.787107	1.976547	0.920231	0.788894	0.561323	0.871433	0.799332	1.073278
0.805831	0.856824	1.215968	1.605462	0.816774	1.284215	0.761014	0.732303	1.520462	0.881836
0.638048	0.803846	1.323127	0.690031	0.869177	0.939409	1.336068	1.656323	1.550633	0.68881
0.721177	1.222761	1.407307	1.213482	1.077458	0.877416	1.001402	1.235804	1.13554	0.921919
0.538337	0.801084	1.039267	1.315233	1.143031	0.969585	0.753692	1.696979	0.705089	0.881836
0.469798	0.926262	1.01869	0.781622	0.849951	1.105982	0.82026	1.067264	1.004339	1.230536
0.765184	0.79834	1.073351	0.848466	1.037057	1.57486	1.331467	0.772223	0.921693	1.026714
0.925324	0.810829	0.75189	0.961291	1.198778	0.897818	1.446033	1.194073	0.555661	0.805684

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1.229146	1.222155	1.816557	2.052302	1.526398	1.216882	0.96682	1.158145	1.594146	1.474966
0.579989	0.71895	0.761887	0.683785	0.769828	1.224467	0.992087	0.941552	0.72699	0.704056
0.44241	0.496197	0.468348	0.566763	0.455032	0.742325	0.397436	0.725694	0.687647	0.638458
0.460125	0.438641	0.603437	0.542231	0.300914	0.530174	0.571916	0.494536	0.487896	0.395089
0.53182	0.417943	0.438052	0.412213	0.40167	0.585355	0.509696	0.253425	0.443438	0.504463
0.479896	0.442901	0.542036	0.457246	0.323408	0.333323	0.447771	0.599851	0.677031	0.403868
0.396447	0.3438	0.45965	0.385664	0.520306	0.548337	0.475972	0.612679	0.565706	0.560312
0.405699	0.470684	0.466469	0.366252	0.59893	0.616291	0.534737	0.43135	0.54743	0.51579
0.448438	0.5211	0.481084	0.350136	0.596272	0.482604	0.433728	0.330659	0.722309	0.494789
0.483171	0.322426	0.496877	0.39215	0.604294	0.381077	0.402998	0.451408	0.556869	0.276927
0.44241	0.387827	0.489567	0.406546	0.419522	0.268172	0.463569	0.404049	0.532891	0.327329
0.457019	0.303827	0.374972	0.407674	0.663991	0.60237	0.399097	0.44504	0.407035	0.240434
0.409011	0.54986	0.510492	0.475992	0.65379	0.524793	0.169951	0.50675	0.708561	0.396176
0.41459	0.332744	0.356152	0.478643	0.610638	0.339262	0.378511	0.462452	0.473877	0.417379
0.393763	0.403182	0.402662	0.330798	0.462106	0.33976	0.510412	0.645508	0.483844	0.364168
0.478593	0.449682	0.439811	0.419692	0.371172	0.502461	0.491476	0.539271	0.470605	0.243106
0.624966	0.564177	0.594955	0.431455	0.432046	0.462291	0.389767	0.495245	0.29847	0.353179
0.603628	0.429056	0.378529	0.382457	0.463405	0.338266	0.34738	0.66082	0.387219	0.331532
0.513108	0.289845	0.333029	0.324228	0.543138	0.404177	0.488058	0.538487	0.427799	0.455608
0.436466	0.399846	0.41083	0.47074	0.372225	0.320727	0.437954	0.608975	0.524692	0.5356
0.515227	0.334646	0.375478	0.405422	0.385609	0.41889	0.339087	0.379993	0.296282	0.482659

0.457638	0.519638	0.519576	0.4168	0.346137	0.400719	0.34886	0.427083	0.412134	0.53485
0.443609	0.449682	0.36447	0.343269	0.435082	0.297033	0.21911	0.484037	0.337451	0.338152
0.513108	0.523302	0.212599	0.260248	0.407921	0.426133	0.397436	0.400612	0.373972	0.338629
0.528888	0.488656	0.235847	0.247962	0.267349	0.276717	0.473331	0.506022	0.37764	0.293803
0.417406	0.422004	0.310638	0.334597	0.340709	0.418292	0.399097	0.428298	0.159305	0.271581
0.4046	0.44474	0.420839	0.236395	0.384523	0.441623	0.328114	0.542424	0.328899	0.258298
0.427698	0.409932	0.288516	0.318674	0.255907	0.313623	0.327643	0.352067	0.256683	0.219998
0.515935	0.536758	0.336721	0.380862	0.172495	0.363865	0.456547	0.285047	0.278747	0.31496
0.617736	0.380349	0.261189	0.35611	0.32059	0.383278	0.496307	0.419865	0.388837	0.374405
0.405149	0.173926	0.293103	0.433846	0.467325	0.391629	0.415491	0.432577	0.37345	0.457486
0.441812	0.320576	0.380575	0.35611	0.284238	0.317397	0.436138	0.488206	0.317294	0.313607
0.522363	0.408235	0.307161	0.439275	0.295578	0.43848	0.507554	0.375123	0.330313	0.348762
0.434698	0.382473	0.33441	0.296707	0.406207	0.473006	0.62082	0.500241	0.46542	0.391842
0.356848	0.567424	0.439811	0.387815	0.427831	0.45248	0.414915	0.418674	0.32937	0.368233
0.380587	0.597793	0.428214	0.422603	0.403933	0.470303	0.369609	0.492416	0.395366	0.463803
0.281663	0.415065	0.26314	0.4168	0.394397	0.424917	0.400208	0.395506	0.516644	0.513643
0.410121	0.508826	0.28521	0.410505	0.4028	0.453127	0.456547	0.46377	0.498194	0.546239
0.387388	0.401511	0.382631	0.469436	0.38182	0.49171	0.472674	0.480593	0.388297	0.59763
0.53182	0.532226	0.427643	0.411643	0.436303	0.440363	0.476635	0.422258	0.409861	0.343907
0.461374	0.510967	0.405367	0.527109	0.473938	0.446061	0.433728	0.38547	0.299348	0.291657
0.601896	0.592581	0.417477	0.529344	0.497909	0.546727	0.510412	0.473111	0.361116	0.511507
0.445414	0.403182	0.432238	0.495585	0.425441	0.559777	0.563735	0.474461	0.362639	0.528157
0.413468	0.605729	0.443351	0.51974	0.547063	0.583602	0.542385	0.428907	0.480496	0.478032
0.461374	0.530726	0.406999	0.640212	0.470619	0.440363	0.542385	0.391017	0.315922	0.335776
0.449653	0.364745	0.305001	0.570853	0.479977	0.516471	0.361902	0.276816	0.349122	0.429556
0.430019	0.358657	0.342319	0.403741	0.422471	0.534058	0.425397	0.311185	0.381872	0.498908
0.346646	0.361183	0.496208	0.481309	0.431442	0.441623	0.506842	0.442518	0.47983	0.480009
0.556014	0.510967	0.474033	0.435648	0.45695	0.308951	0.477963	0.339988	0.432551	0.418524
0.388444	0.479244	0.420839	0.511061	0.357199	0.358102	0.317871	0.386574	0.401996	0.403314
0.468307	0.40486	0.424795	0.617667	0.52703	0.506104	0.515459	0.440012	0.559262	0.559518
0.455783	0.365256	0.467721	0.499054	0.570555	0.511997	0.630163	0.583026	0.709691	0.574036
0.517355	0.432029	0.497548	0.431455	0.502867	0.45248	0.623602	0.520821	0.711958	0.51293
0.466405	0.485946	0.423661	0.408804	0.412524	0.43848	0.444064	0.329688	0.413847	0.44269
0.525251	0.41679	0.568085	0.379802	0.235424	0.360189	0.397989	0.346993	0.464777	0.468923
0.534771	0.4105	0.468976	0.516828	0.488161	0.417694	0.604492	0.345986	0.513754	0.696379
0.620433	0.403182	0.522409	0.504663	0.570555	0.315506	0.538544	0.45657	0.499586	0.489356
0.855058	0.565798	0.438637	0.479308	0.554219	0.619129	0.452764	0.390459	0.393725	0.423135
0.525976	0.44229	0.532476	0.447858	0.561494	0.495264	0.555704	0.403475	0.46542	0.479349
0.528158	0.398187	0.551813	0.602378	0.435692	0.405336	0.6728	0.508942	0.62566	0.506564
0.493147	0.552213	0.593278	0.637329	0.515147	0.505373	0.656442	0.408095	0.560062	0.574857
0.548307	0.541337	0.593278	0.618584	0.618002	0.457031	0.55017	0.537703	0.504492	0.517226
0.584117	0.467436	0.412482	0.475992	0.518826	0.575801	0.669686	0.626858	0.542017	0.546239
0.439428	0.524039	0.56026	0.541462	0.610638	0.617235	0.6728	0.487508	0.589047	0.444512
0.443009	0.535242	0.702055	0.627855	0.715433	0.592439	0.678041	0.552832	0.592486	0.500983
0.449653	0.494127	0.45233	0.466841	0.609726	0.588882	0.459725	0.441263	0.542786	0.542409
0.501296	0.483253	0.432816	0.59363	0.514415	0.623901	0.440998	0.473785	0.526913	0.539369
0.385809	0.399292	0.492211	0.56595	0.460811	0.596925	0.452764	0.444408	0.41787	0.438467

0.373379	0.452174	0.586635	0.550778	0.533861	0.710728	0.545482	0.599851	0.687647	0.562702
0.453935	0.477254	0.360047	0.530091	0.469298	0.693492	0.717767	0.787842	0.732913	0.659908
0.492475	0.538279	0.212947	0.545319	0.484732	0.599639	0.436138	0.67347	0.520283	0.605494
0.539237	0.542105	0.353253	0.557898	0.641857	0.690126	0.442835	0.568506	0.420767	0.496158
0.460749	0.667803	0.680049	0.722792	0.645799	0.661994	0.385444	0.656684	0.41442	0.586516
0.459502	0.473956	0.433395	0.541462	0.566413	0.711901	0.470053	0.719703	0.731722	0.780036
0.529619	0.534486	0.259633	0.499751	0.776463	0.696885	0.59134	0.596255	0.758711	0.80027
0.652232	0.808406	0.550294	0.644085	0.693898	0.70839	0.487378	0.571033	0.627527	0.742195
0.633246	0.949713	0.788599	0.647014	0.558245	0.47984	0.519832	0.62782	0.506612	0.65692
0.490464	0.664734	0.812879	0.927538	0.533096	0.514975	0.623602	0.711453	0.564086	0.742195
0.423667	0.520368	0.419155	0.722792	0.671277	0.78745	0.637785	0.664996	0.477837	0.599365
0.428277	0.682418	0.463977	0.726305	0.820033	0.717818	0.585336	0.972366	0.562472	0.623498
0.578349	0.713213	0.755762	0.676387	0.821514	0.833126	0.504008	0.690932	0.563278	0.580647
0.495846	0.775617	0.673961	0.695671	0.759417	0.759029	0.522773	0.703357	0.560062	0.653952
0.553688	0.706428	0.58746	0.667057	0.577265	0.684572	0.693061	0.813649	0.694143	0.679326
0.656131	0.589142	0.625396	0.735812	0.605195	0.781891	0.778435	0.756952	0.674939	0.660909
0.685496	0.725935	0.877051	0.679542	0.58066	0.671527	0.826139	0.626858	0.705191	0.557145
0.613278	0.767793	0.825548	0.582514	0.736868	0.553203	0.673844	0.605303	0.667694	0.62258
0.550605	0.930497	0.859711	0.737016	0.728406	0.562268	0.618975	0.745438	0.749941	0.744618
0.494495	0.519638	0.659105	0.777392	0.743015	0.616291	0.532468	0.604389	0.655548	0.546239
0.624966	0.527741	0.539072	0.647994	0.6548	0.645546	0.570268	0.542424	0.569783	0.515073
0.66304	0.661686	0.755762	0.735812	0.776463	0.663043	0.762775	0.67347	0.588191	0.590757
0.554462	0.698644	0.715149	0.609506	0.598042	0.50757	0.783782	0.645508	0.549771	0.569954
0.626793	0.560153	0.690389	0.611306	0.529295	0.410002	0.589616	0.83329	0.76125	0.763232
0.654177	0.560955	0.56026	0.784055	0.727211	0.641529	0.642618	0.67347	0.701847	0.602857
0.749735	0.63423	0.633581	0.740645	0.623609	0.589769	0.812993	0.464431	0.582249	0.539369
0.597596	0.55379	0.477865	0.580829	0.665024	0.447337	0.563735	0.391575	0.584786	0.702951
0.606238	0.479244	0.412482	0.536878	0.6548	0.486084	0.541614	0.436898	0.501682	0.492064
0.586613	0.55379	0.502272	0.625985	0.852245	0.693492	0.70862	0.644507	0.574727	0.471506
0.622241	0.721266	0.64474	0.569212	0.750509	0.543525	0.739081	0.519318	0.582249	0.487336
0.797174	0.717797	0.960096	0.731032	0.749251	0.582729	0.600064	0.53226	0.630343	0.450025
0.765819	0.787625	0.784681	0.874819	0.670229	0.437854	0.377983	0.558541	0.687647	0.609926
0.768347	0.514559	0.573647	0.512495	0.6399	0.445424	0.604492	0.62782	0.589047	0.525215
0.653204	0.399846	0.542781	0.488728	0.833547	0.494551	0.823183	0.71497	0.483844	0.530376
0.485809	0.438641	0.651385	0.639248	0.739317	0.68347	0.666594	0.484037	0.608308	0.662917
0.452707	0.627629	0.708552	0.761808	0.649776	0.654721	0.594809	0.4163	0.68337	0.735007
0.67006	0.450304	0.544273	0.614021	0.568893	0.517972	0.480632	0.571879	0.76125	0.619837
0.847386	0.547519	0.477224	0.737016	0.575578	0.448617	0.608068	0.574426	0.558463	0.402208
0.582461	0.462289	0.588287	0.844463	0.581513	0.514975	0.618975	0.66082	0.527655	0.419098
0.525251	0.545965	0.57525	0.573325	0.647783	0.613471	0.497697	0.58564	0.605631	0.445731
0.755851	0.753804	0.57525	0.562711	0.482008	0.520234	0.477963	0.576133	0.706312	0.598497
0.499927	0.587432	0.412482	0.511777	0.451853	0.597828	0.459725	0.489605	0.608308	0.59418
0.513108	0.532226	0.532476	0.651938	0.524777	0.647568	0.345415	0.52536	0.485191	0.501677
0.459502	0.546741	0.484327	0.722792	0.504293	0.601458	0.503302	0.737928	0.586485	0.64228
0.706971	0.837757	0.57525	0.701183	0.457591	0.510517	0.584485	0.774141	0.595953	0.59418
0.859727	0.697543	0.543526	0.720466	0.518087	0.502461	0.628278	0.496667	0.571425	0.537104
0.809542	0.728289	0.501594	0.632566	0.490924	0.720207	0.391399	0.395506	0.587337	0.557935

0.553688	0.6803	0.631749	0.803272	0.554219	0.713078	0.541614	0.426477	0.560062	0.558726
0.425966	0.603067	0.592442	0.561101	0.527784	0.691245	0.674889	0.583026	0.454604	0.63185
0.582461	0.633281	0.573647	0.620422	0.354154	0.440992	0.5769	0.515584	0.457757	0.593321
0.487134	0.755058	0.639125	0.662973	0.362322	0.531724	0.543931	0.609899	0.53064	0.506564
0.609744	0.669861	0.494205	0.701183	0.509325	0.657823	0.504715	0.624941	0.495424	0.470859
0.465773	0.542105	0.55794	0.684852	0.52703	0.836245	0.69745	0.576988	0.500283	0.48067
0.447225	0.571517	0.561814	0.650949	0.804068	0.551575	0.575232	0.614543	0.611002	0.646136
0.487134	0.546741	0.712939	0.475992	0.485416	0.462953	0.528713	0.713795	0.734107	0.73739
0.244825	0.467436	0.591608	0.496276	0.44807	0.46163	0.376927	0.634613	0.749941	0.667979
0.410677	0.527741	0.653302	0.506785	0.5408	0.569828	0.405243	0.666046	0.5284	0.609926
0.646449	0.659666	0.79123	0.667057	0.66814	0.670457	0.612579	0.770113	0.55449	0.562702
0.66905	0.70419	0.736724	0.597108	0.696115	0.550763	0.651454	0.687604	0.581407	0.465077
0.609744	0.692081	0.768099	0.556306	0.5408	0.611601	0.514011	0.578705	0.660568	0.583152
0.68029	0.66883	0.654264	0.594496	0.542358	0.577522	0.440998	0.519318	0.484517	0.607261
0.720384	0.736629	0.782088	0.611306	0.561494	0.668326	0.656442	0.643507	0.591624	0.619837
0.569437	0.707552	0.737889	0.647014	0.682979	0.855442	0.808698	0.584767	0.675984	0.748277
0.646449	0.650692	0.8313	0.563519	0.530812	0.518725	0.673844	0.634613	0.636987	0.618018
0.450872	0.612907	0.719603	0.584206	0.59893	0.490297	0.497697	0.799123	0.673896	0.456233
0.552144	0.539041	0.601727	0.503958	0.66606	0.477779	0.409199	0.668155	0.600325	0.592465
0.571044	0.638047	0.730941	0.661959	0.665024	0.687896	0.611673	0.50675	0.491986	0.644204
0.630469	0.526257	0.568085	0.583359	0.669183	0.514228	0.680156	0.643507	0.45966	0.506564
0.682365	0.503167	0.647576	0.560298	0.522536	0.561436	0.492163	0.736689	0.747467	0.402761
0.71812	0.669861	0.596638	0.690228	0.675496	0.468286	0.516185	0.644507	0.678081	0.503765
0.589123	0.639007	0.672955	0.686994	0.830507	0.442886	0.626402	0.592688	0.589047	0.672071
0.568636	0.745132	0.885168	0.689147	0.904641	0.68018	0.79193	0.755657	0.725815	0.662917
0.72725	0.660675	0.829855	0.571675	0.618932	0.567294	0.808698	0.64251	0.783452	0.392921
0.742508	0.44474	0.595796	0.477316	0.392736	0.548337	0.653443	0.669213	0.82269	0.439068
0.749735	0.510967	0.639125	0.497663	0.591879	0.706064	0.527966	0.684301	0.668722	0.469568
0.70259	0.649706	0.804634	0.617667	0.671277	0.860377	0.625466	0.607135	0.587337	0.59161
0.662046	0.772994	0.750924	0.492829	0.6399	0.679089	0.725932	0.523085	0.485865	0.583152
0.812339	0.675049	0.754547	0.461059	0.698344	0.547532	0.718924	0.62208	0.546652	0.586516
0.533293	0.516004	0.720723	0.508918	0.65379	0.417694	0.605384	0.756952	0.555282	0.486665
0.499927	0.505281	0.608607	0.45284	0.620797	0.522508	0.667622	0.71497	0.658553	0.599365
0.5103	0.640933	0.782088	0.504663	0.560679	0.681274	0.6728	0.72209	0.784794	0.676202
0.772167	0.636134	0.720723	0.551563	0.755577	0.558124	0.618056	0.568506	0.647636	0.744618
0.639797	0.535999	0.681072	0.474673	0.676557	0.640531	0.652447	0.571033	0.630343	0.557145
0.539237	0.58488	0.571255	0.39598	0.530812	0.415907	0.565359	0.744177	0.650586	0.489356
0.566241	0.579821	0.800569	0.500449	0.66606	0.544324	0.619896	0.522329	0.573899	0.531119
0.654177	0.671928	0.721847	0.597982	0.845922	0.743587	0.718924	0.551214	0.542017	0.601981
0.786469	0.6627	0.694595	0.469436	0.593631	0.654721	0.812993	0.561837	0.538191	0.477375
0.656131	0.63709	0.733245	0.524146	0.591006	0.616291	0.622672	0.601661	0.587337	0.310466
0.650296	0.601302	0.589944	0.456614	0.755577	0.620079	0.583636	0.508942	0.515919	0.417379
0.568636	0.646762	0.707463	0.520472	0.673381	0.729898	0.607171	0.582159	0.611002	0.688836
0.890522	0.676094	0.746139	0.646035	0.711961	0.696885	0.734253	0.603478	0.681247	0.650027
0.730723	0.65168	0.815663	0.624123	0.618932	0.570677	0.90745	0.676691	0.689802	0.3833
0.602761	0.570695	0.658133	0.489409	0.542358	0.564774	0.604492	0.669213	0.657549	0.452497
0.700416	0.518909	0.707463	0.478643	0.586665	0.60237	0.543931	0.471092	0.666669	0.537858

0.700416	0.584033	0.780798	0.536878	0.641857	0.756417	0.616223	0.583026	0.740129	0.596765
0.641688	0.449682	0.551813	0.395431	0.633118	0.565612	0.604492	0.62975	0.721147	0.688836
0.596741	0.567424	0.551053	0.497663	0.482688	0.514975	0.541614	0.578705	0.557665	0.506564
0.714745	0.553001	0.460882	0.624123	0.701708	0.498848	0.492163	0.546398	0.469954	0.430733
0.690766	0.817005	0.76685	0.740645	0.857048	0.693492	0.488739	0.523842	0.616441	0.539369
0.685496	0.603952	0.637269	0.592764	0.808364	0.534058	0.585336	0.596255	0.849925	0.565106
0.621336	0.667803	0.57046	0.453466	0.713115	0.442254	0.608068	0.763482	0.884022	0.580647
0.650296	0.630445	0.609474	0.51974	0.671277	0.426133	0.532468	0.654631	0.729349	0.446953
0.801258	0.532978	0.664001	0.551563	0.727211	0.548337	0.621745	0.621131	0.684435	0.517947
0.546782	0.610201	0.821284	0.483993	0.883602	0.759029	0.54782	0.588269	0.857804	0.724443
0.558353	0.65866	0.589944	0.488728	0.721282	0.562268	0.658454	0.50457	0.544328	0.459371
0.501296	0.558553	0.543526	0.451589	0.488161	0.553203	0.674889	0.562665	0.732913	0.397267
0.440023	0.429056	0.572051	0.496969	0.58066	0.511256	0.658454	0.628784	0.762525	0.51293
0.577531	0.577313	0.600024	0.474673	0.64481	0.526324	0.753895	0.598049	0.652564	0.751968
0.791789	0.774303	0.629015	0.411074	0.520306	0.537978	0.746425	0.5918	0.603855	0.764502
0.856609	0.741467	0.478507	0.466841	0.452487	0.533279	0.766637	0.621131	0.641795	0.54778
0.789121	0.758839	0.503631	0.462337	0.565589	0.715442	0.70862	0.857115	0.859397	0.406648
0.708073	0.633281	0.628107	0.700075	0.798405	0.517972	0.473331	0.649539	0.753678	0.524483
0.68029	0.672966	0.964008	0.916469	1.11263	0.667264	0.5213	0.486812	0.655548	0.681422
0.731887	0.782247	0.664987	0.636372	0.797	0.684572	0.660475	0.561011	0.721147	0.794781
0.875663	1.031638	0.622701	0.517554	0.495102	0.632626	0.680156	0.553643	0.790203	0.677241
0.634176	0.659666	0.628107	0.61584	0.723644	0.681274	0.771841	0.810705	0.857804	0.448794
0.611507	0.635181	0.834204	0.796311	0.809805	0.554837	0.871429	0.774141	0.776803	0.468923
0.794473	0.903178	0.787289	0.868249	0.865173	0.655753	0.65444	0.664996	0.83158	0.672071
0.944083	0.787625	0.652342	0.755476	0.593631	0.627757	0.681216	0.648528	0.732913	0.643241
0.768347	0.750066	0.533204	0.624123	0.497206	0.660947	0.7489	0.614543	0.811113	0.484657
0.565446	0.47991	0.445728	0.620422	0.560679	0.52786	0.579414	0.599851	0.768957	0.583152
0.502669	0.817005	0.581719	0.657923	0.709661	0.586234	0.658454	0.481967	0.610102	0.630914
0.664036	0.761379	0.542781	0.629733	0.66606	0.648583	0.665568	0.834838	0.754931	0.59418
0.661055	0.705307	0.484327	0.667057	0.482008	0.643533	0.700771	0.750517	0.802628	0.601107
0.672087	0.589999	0.45052	0.558697	0.617075	0.513483	0.674889	0.83329	0.904779	0.557145
0.618633	0.657656	0.484979	0.65492	0.361292	0.358623	0.457181	0.565159	0.730534	0.623498
0.681326	0.919362	0.72865	0.869882	0.453122	0.534058	0.60183	0.573575	0.790203	0.640365
0.790453	0.733035	0.478507	0.690228	0.655811	0.797352	0.659463	0.66186	0.715381	0.624418
0.883855	0.58066	0.318122	0.417377	0.571388	0.813384	0.746425	0.75825	0.600325	0.647106
0.604496	0.564987	0.421402	0.521204	0.371172	0.568137	0.735455	0.775491	0.582249	0.643241
0.543748	0.74636	0.554865	0.695671	0.34465	0.731125	0.633006	0.789236	0.677031	0.812878
0.726098	0.97813	0.649476	0.836815	0.685141	0.776402	0.664544	1.148458	0.763804	0.769619
0.893895	0.806989	0.544273	0.644085	0.714272	0.800223	0.611673	0.731768	0.663608	0.845334
0.802628	0.761379	0.56026	0.57915	0.652783	0.63755	0.747661	0.697665	0.503085	0.77872
0.668042	0.843873	0.739058	0.605037	0.485416	0.652665	0.778435	0.709125	0.591624	0.751968
0.571044	0.760107	0.72637	0.902137	0.636011	0.764301	0.485343	0.670273	0.589904	0.780036
0.967505	0.739041	0.535395	0.644085	0.680828	0.574943	0.5191	0.581293	0.639865	0.695294
0.900719	0.694257	0.609474	0.510345	0.489541	0.591547	0.714314	0.602569	0.501682	0.717541
0.641688	0.678192	0.708552	0.645059	0.472607	0.651641	0.829116	0.647519	0.621949	0.651985
0.709178	0.71094	0.58417	0.667057	0.443698	0.509041	0.470053	0.716149	0.673896	0.704056
0.967505	0.78898	0.692487	0.777392	0.661932	0.577522	0.59134	0.907248	0.639865	0.71413

0.911161	0.589142	0.716258	0.605037	0.665024	0.800223	0.848975	0.831747	0.491302	0.739786
0.959557	0.587432	0.733245	0.72396	0.754304	0.765629	0.900354	0.560186	0.470605	0.840763
0.612392	0.661686	0.74733	0.760534	0.759417	0.667264	0.644566	0.640522	0.564086	0.583152
0.897294	0.623901	0.834204	0.842922	0.936307	0.747397	0.605384	0.983143	0.932203	0.693131
0.92186	0.70419	0.937337	0.801871	0.812703	0.916831	0.903887	0.949558	0.818312	0.754446
0.753394	0.712075	0.835664	0.605927	0.658861	0.840965	0.912848	0.74797	0.656548	0.562702
0.904172	0.59692	0.637269	0.549211	0.75177	0.900197	0.81588	0.556902	0.753678	0.726768
0.87082	0.903178	0.763122	0.421436	0.779146	0.723816	0.787837	0.659782	0.969628	0.704056
0.835387	0.976037	0.898478	0.691311	0.850656	0.728675	1.065295	0.71733	0.926578	0.702951
0.624056	0.684547	0.71074	0.587609	0.866817	0.84255	0.878064	0.652587	0.797062	0.882077
0.494495	0.602184	0.67801	0.689147	1.023775	0.94204	0.656442	0.507479	0.754931	0.780036
0.659079	0.963689	0.534663	0.439883	0.978907	0.803113	0.559701	0.59536	0.778125	0.853062
0.844355	1.214858	0.680049	0.600614	0.791428	0.704906	0.637785	0.760858	0.774172	0.552437
0.942187	0.941924	0.834204	0.952533	0.81562	0.679089	0.705238	0.683206	0.794306	0.557935
0.705871	0.564177	0.650429	1.140217	1.019073	0.711901	0.583636	0.488206	0.915542	0.681422
0.524527	0.601302	0.551813	0.670144	0.827488	0.93217	0.618975	0.650553	0.818312	0.707388
0.68445	0.805577	0.41525	0.632566	0.636011	0.905671	0.735455	0.821099	0.988548	0.877104
0.721521	0.874162	0.688301	0.680599	0.780493	1.004182	0.638747	0.819598	0.587337	0.540887
0.856609	0.890995	0.843037	0.861778	0.875128	1.032745	0.757678	0.654631	0.643733	0.560312
0.700416	0.57648	0.531749	0.532342	0.922987	1.170568	0.855273	1.064512	0.798447	0.840763
0.651263	0.790339	0.413587	0.371414	0.878498	0.960391	0.977135	1.145276	0.934094	0.877104
0.752171	0.85637	0.498892	0.503254	0.630243	1.327619	0.93514	0.903598	0.677031	0.644204
0.819411	0.705307	0.720723	0.702294	0.799813	1.527337	0.847415	0.929814	0.688723	0.701849
0.890522	0.58066	0.620914	0.557102	0.687314	1.163862	0.900354	1.920269	0.83158	0.872188
0.83391	0.720106	0.555632	0.550778	0.865173	0.759029	0.666594	0.887545	0.845266	0.899076
0.971535	0.565798	0.629015	0.689147	0.522536	0.563937	0.690884	0.728113	0.569783	0.911383
0.758321	0.58066	0.761887	0.618584	0.394397	0.710728	0.758947	0.556902	0.45966	0.895622
0.76456	0.453426	0.789912	0.639248	0.777802	0.82849	0.547039	0.62975	0.486541	1.036608
0.637916	0.646762	0.633581	0.618584	0.942142	0.924433	0.779765	0.837952	0.689802	1.034235
0.95369	0.737833	0.600875	0.766941	0.985348	0.907511	0.886502	0.994195	0.736506	0.95447
1.000839	0.783585	0.79788	0.701183	0.817086	0.819363	0.769231	0.703357	0.591624	0.65692
0.822272	0.714355	0.852052	0.772135	0.665024	0.733589	0.78513	0.626858	0.544328	0.59504
0.665034	0.663715	0.719603	0.70902	0.738091	0.726239	0.987763	0.543216	0.722309	0.788017
0.783833	0.628565	0.633581	0.660946	0.847494	0.508305	0.775785	0.837952	0.878984	0.956444
0.799892	0.639007	0.696713	0.559497	0.619863	0.494551	0.69745	0.577846	0.830085	0.667979
0.752171	0.825778	0.808737	0.659936	0.830507	0.47984	0.818787	0.66082	0.713096	0.481995
0.619532	0.947753	0.730941	0.646035	0.657842	0.660947	0.98992	0.786452	0.735305	0.650027
0.497202	0.917534	0.732092	0.749235	0.584081	0.426133	0.889924	0.566829	0.748702	0.678282
0.686545	0.606619	0.702055	0.940818	0.63408	0.408247	0.710888	0.790635	0.821226	0.470859
0.686545	0.653663	0.665975	0.61493	0.726018	0.533279	0.685486	0.588269	0.72699	0.568332
0.509601	0.610201	0.564155	0.658928	0.670229	0.462953	0.675937	0.520069	0.685503	0.468923
0.486471	0.530726	0.567296	0.92941	0.790046	0.651641	0.925712	0.523842	0.60297	0.59504
0.746106	0.619286	0.561814	0.974867	0.736868	0.837813	0.86815	0.687604	0.571425	0.490708
0.470217	0.588286	0.561036	0.669113	0.767201	0.918719	0.712027	0.768779	0.872356	0.404978
0.512405	0.496197	0.374972	0.559497	0.732013	0.820871	0.658454	0.561011	0.716528	0.439068
0.657112	0.6627	0.462736	0.508206	0.555021	0.659903	0.721247	0.583026	0.736506	0.561904
0.794473	0.58658	0.595796	0.722792	0.522536	0.686785	0.942832	0.74797	0.734107	0.436073

0.629547	0.573992	0.569667	0.735812	0.536162	0.551575	0.70749	0.71497	0.667694	0.372338
0.489129	0.612003	0.620024	0.734612	0.617075	0.654721	0.558098	0.498808	0.543557	0.561904
0.611507	0.618369	0.71074	0.820449	0.632158	0.725026	0.621745	0.528413	0.500982	0.574857
0.52743	0.622974	0.606014	0.643114	0.549435	0.689009	0.687637	0.52918	0.729349	0.644204
0.539985	0.613812	0.853573	0.717001	0.464708	0.559777	0.731859	0.444408	0.681247	0.540127
0.385284	0.603067	0.789912	0.690228	0.610638	0.748674	0.581098	0.517073	0.608308	0.413961
0.395371	0.56824	0.516059	0.807503	0.727211	0.83003	0.516185	0.623032	0.584786	0.51579
0.682365	0.70419	0.457196	0.718153	0.586665	0.569828	0.511848	0.626858	0.738918	0.609926
0.57185	0.776935	0.54577	0.705644	0.59893	0.905671	0.665568	0.654631	0.728168	0.619837
0.534031	0.629504	0.792552	0.658928	0.554219	0.814871	0.699661	0.692047	0.608308	0.484657
0.345687	0.588286	0.647576	0.744306	0.625494	0.646556	0.701883	0.740417	0.551338	0.65692
0.559135	0.499668	0.490227	0.669113	0.592754	0.568137	0.522773	0.630718	0.452098	0.582316
0.816568	0.398187	0.501594	0.566763	0.444942	0.633606	0.424808	0.581293	0.533645	0.608148
0.762054	0.548298	0.490887	0.557898	0.558245	0.930223	0.504008	0.489605	0.665646	0.586516
0.599311	0.70419	0.703131	0.69897	0.513684	0.960391	0.715462	0.68982	0.605631	0.47869
0.685496	0.633281	0.647576	0.722792	0.587529	0.744853	0.604492	0.782309	0.5537	0.454361
0.660066	0.526257	0.584991	0.768234	0.524777	0.579251	0.48602	0.62782	0.54743	0.601107
0.84891	0.535999	0.687261	0.641177	0.518087	0.804566	0.603603	0.705655	0.468653	0.768334
0.709178	0.697543	0.819872	0.525625	0.643823	0.795923	0.644566	0.887545	0.748702	0.63656
0.459502	0.683481	0.729794	0.601495	0.514415	0.594227	0.613487	0.639532	0.576387	0.697468
0.564652	0.467436	0.511184	0.621344	0.621732	0.679089	0.600064	0.423459	0.60297	0.697468
0.601896	0.59692	0.523121	0.777392	0.691692	0.582729	0.458451	0.732993	0.640829	0.77872
0.57185	0.584033	0.676995	0.450342	0.63408	0.636561	0.604492	0.804875	0.400329	0.550879
0.504737	0.657656	0.763122	0.48332	0.602499	0.672599	0.557299	0.857115	0.508031	0.679326
0.743704	0.707552	0.690389	0.634465	0.81562	0.633606	0.664544	0.745438	0.620105	0.651985
0.697176	0.606619	0.741406	0.713562	0.904641	0.639535	0.460363	0.690932	0.78749	0.890493
0.660066	0.523302	0.667958	0.668083	0.818557	0.706064	0.5213	0.755657	0.663608	0.798891
0.636978	0.536758	0.724103	0.532342	0.548643	0.600548	0.605384	0.541634	0.532139	0.821492
0.591648	0.769087	0.599175	0.520472	0.391632	0.43288	0.613487	0.566829	0.513034	0.948602
0.567038	0.562563	0.57046	0.538401	0.601604	0.439107	0.649475	0.860392	0.797062	0.931458
0.544505	0.485271	0.544273	0.563519	0.568065	0.578386	0.516185	0.924062	0.884022	0.763232
0.591648	0.589999	0.490227	0.435047	0.6548	0.587998	0.582788	0.894607	0.668722	0.689906
0.646449	0.81412	0.733245	0.466195	0.738091	0.563937	0.641647	0.562665	0.467357	0.682473
0.584117	0.59692	0.609474	0.512495	0.743015	0.601458	0.753895	0.603478	0.523217	0.659908
0.588285	0.47858	0.54577	0.597108	0.714272	0.537978	0.713169	0.868697	0.650586	0.747054
0.66905	0.643838	0.564938	0.598857	0.603396	0.4298	0.724756	0.527648	0.585635	0.831762
0.776021	0.638047	0.603437	0.533848	0.646789	0.503187	0.594809	0.491008	0.515196	0.827331
0.632318	0.676094	0.507734	0.512495	0.6548	0.634589	0.524991	0.52918	0.815418	0.75819
0.413468	0.496197	0.605153	0.556306	0.588396	0.576661	0.557299	0.523842	0.719987	0.79071
0.495846	0.567424	0.573647	0.496969	0.56231	0.444153	0.427761	0.434424	0.686574	0.571582
0.630469	0.55458	0.477865	0.491458	0.607001	0.460311	0.526476	0.641515	0.723474	0.638458
0.475999	0.607512	0.364965	0.509631	0.83969	0.696885	0.603603	0.656684	0.711958	0.83925
0.524527	0.506695	0.449918	0.451589	0.657842	0.513483	0.750144	0.381629	0.651574	0.609926
0.518067	0.423172	0.499566	0.467489	0.523282	0.440363	0.636825	0.45722	0.520283	0.499599
0.492475	0.407107	0.496877	0.449719	0.503579	0.498848	0.690884	0.590915	0.619186	0.481995
0.528888	0.405421	0.381602	0.524146	0.584081	0.506836	0.571091	0.471764	0.493358	0.465716
0.537743	0.545965	0.438052	0.482649	0.524777	0.444153	0.501894	0.424664	0.533645	0.557935

0.525976	0.469381	0.399437	0.479308	0.51588	0.491003	0.481973	0.408676	0.434347	0.491385
0.452707	0.424929	0.407544	0.449098	0.496503	0.372924	0.45026	0.367653	0.485191	0.431914
0.425966	0.351165	0.442168	0.422603	0.422471	0.315506	0.522773	0.427083	0.423099	0.338629
0.483171	0.417366	0.286447	0.357616	0.467982	0.391068	0.52425	0.442518	0.447746	0.367213
0.543748	0.387827	0.317679	0.399289	0.406778	0.446061	0.428354	0.38879	0.563278	0.554001
0.449653	0.349682	0.415806	0.444773	0.304959	0.336777	0.317412	0.39607	0.466711	0.543937
0.470856	0.449061	0.510492	0.474015	0.441218	0.450544	0.39031	0.438141	0.460934	0.416807
0.690766	0.518181	0.42253	0.477979	0.64481	0.41889	0.506842	0.523085	0.404229	0.385951
0.515935	0.526257	0.347039	0.379273	0.536931	0.446061	0.508267	0.438141	0.613713	0.43667
0.402411	0.542874	0.421402	0.4043	0.573059	0.550763	0.473331	0.391017	0.496807	0.410571
0.42081	0.592581	0.423661	0.462978	0.457591	0.498848	0.462926	0.454627	0.393179	0.50029
0.452095	0.532226	0.483677	0.530091	0.51588	0.46097	0.589616	0.44504	0.455863	0.43967
0.52021	0.589999	0.452936	0.597982	0.610638	0.410002	0.508267	0.461138	0.53667	0.397267
0.53182	0.505987	0.401046	0.594496	0.733222	0.514975	0.457181	0.382176	0.648617	0.453118
0.494495	0.464854	0.452936	0.596236	0.45952	0.45248	0.374823	0.364491	0.393179	0.508676
0.497202	0.542874	0.534663	0.53159	0.364906	0.433499	0.480632	0.401183	0.41442	0.46828
0.615056	0.752555	0.663017	0.642144	0.603396	0.483298	0.581942	0.473785	0.505904	0.455608
0.793129	0.706428	0.606876	0.777392	0.655811	0.470303	0.559701	0.465755	0.485865	0.389154
0.617736	0.58066	0.459035	0.697868	0.471943	0.559777	0.522773	0.487508	0.538954	0.433099
0.736575	0.778257	0.542036	0.684852	0.505725	0.560606	0.440387	0.491711	0.458391	0.484657
0.696101	0.748827	0.664001	0.587609	0.579809	0.561436	0.581942	0.475816	0.538191	0.320414
0.629547	0.679245	0.572848	0.54765	0.602499	0.530948	0.680156	0.498808	0.682307	0.485325
0.712509	0.709808	0.580093	0.421436	0.43814	0.618181	0.804445	0.598949	0.605631	0.379091
0.631393	0.714355	0.66008	0.623195	0.425441	0.549953	0.513289	0.640522	0.564895	0.427795
0.518067	0.821369	0.778228	0.721628	0.500735	0.418292	0.600946	0.658747	0.612808	0.511507
0.632318	0.774303	0.598328	0.741862	0.570555	0.562268	0.637785	0.526122	0.542017	0.512218
0.760806	0.818455	0.640989	0.850679	0.780493	0.66939	0.617138	0.571879	0.481164	0.396176
0.810938	0.598667	0.622701	0.745533	0.48885	0.509778	0.485343	0.674541	0.672857	0.476064
0.731887	0.552213	0.607741	0.807503	0.454394	0.562268	0.459725	0.561011	0.617354	0.62719
0.70259	0.825778	0.663017	0.681658	0.5408	0.50757	0.585336	0.624941	0.55449	0.451878
0.744903	0.825778	0.689344	0.829299	0.63408	0.554837	0.643591	0.602569	0.563278	0.423135
0.731887	0.761379	0.529576	0.852248	0.682979	0.69462	0.631109	0.576133	0.608308	0.549327
0.893895	0.795818	0.579282	0.659936	0.651778	0.70145	0.506132	0.74797	0.766373	0.621664
0.77861	0.776935	0.659105	0.540695	0.65379	0.633606	0.616223	0.770113	0.76125	0.62998
0.607112	0.684547	0.619135	0.462978	0.54392	0.650619	0.632056	0.66186	0.560062	0.62534
0.561491	0.617454	0.568875	0.856986	0.565589	0.684572	0.562925	0.520821	0.552124	0.470859
0.637916	0.495506	0.555632	0.902137	0.571388	0.621986	0.706363	0.800554	0.677031	0.453739
0.668042	0.656654	0.619135	0.65492	0.66606	0.779138	0.621745	0.858751	0.701847	0.607261
0.704775	0.593446	0.667958	0.649962	0.526278	0.617235	0.584485	0.713795	0.535155	0.710746
0.652232	0.558553	0.499566	0.489409	0.518087	0.563102	0.531714	0.806325	0.609204	0.503068
0.656131	0.435623	0.687261	0.543001	0.647783	0.72261	0.433728	0.639532	0.439172	0.453118
0.591648	0.523302	0.716258	0.648977	0.722461	0.713078	0.505423	0.66186	0.386145	0.633727
0.607112	0.661686	0.847521	0.585054	0.702836	0.645546	0.515459	0.566829	0.525431	0.792063
0.738939	0.622974	0.729794	0.549211	0.629289	0.698022	0.750144	0.620184	0.490618	0.619837
0.721521	0.58658	0.686224	0.481979	0.808364	0.621032	0.6728	0.610824	0.596824	0.71413
0.844355	0.828742	0.812879	0.608609	0.948058	0.627757	0.6728	0.83021	0.650586	0.83028
0.446017	0.433223	0.877051	0.705644	0.87681	0.60237	0.592205	0.62975	0.599447	0.777408

0.486471	0.44474	0.633581	0.803272	0.669183	0.579251	0.603603	0.551214	0.707435	0.659908
0.595888	0.601302	0.665975	0.658928	0.585802	0.537191	0.6728	0.554455	0.568965	0.529635
0.648368	0.503167	0.775674	0.522673	0.689498	0.587115	0.684415	0.465755	0.42839	0.628118
0.592493	0.617454	0.70421	0.608609	0.769828	0.678001	0.773152	0.634613	0.568965	0.79071
0.716992	0.887576	0.765604	0.796311	0.689498	0.567294	0.619896	0.705655	0.560864	0.641322
0.542239	0.825778	0.547273	0.660946	0.574737	0.572378	0.633957	0.698798	0.729349	0.62998
0.520927	0.750066	0.52099	0.449098	0.573059	0.564774	0.796062	0.657714	0.686574	0.524483
0.593339	0.733035	0.631749	0.764367	0.734434	0.436606	0.636825	0.572726	0.774172	0.617111
0.667037	0.58488	0.752128	0.936982	0.968378	0.537978	0.812993	0.762168	0.999427	0.725604
0.66905	0.578147	0.606014	0.861778	0.707374	0.681274	0.848975	0.641515	0.746235	0.544703
0.740125	0.71895	0.580093	0.818991	0.7956	0.709557	0.67176	0.664996	0.717678	0.493424
0.713626	0.822834	0.629015	1.011816	0.950047	1.008814	0.593071	0.62782	0.742561	0.682473
0.566241	0.784928	0.637269	0.858578	0.727211	0.762977	0.97924	0.608975	1.092433	0.815731
0.636978	0.716646	0.720723	0.925673	0.440601	0.587998	1.248073	0.759552	0.848366	0.647106
0.697176	0.595179	0.805997	0.912842	0.471943	0.639535	0.716613	0.905419	0.756187	0.546239
0.80538	0.518909	0.599175	0.874819	0.645799	0.699162	0.646523	0.891061	0.701847	0.584831
0.740125	0.560153	0.571255	0.750476	0.573897	0.813384	0.558899	0.649539	0.54743	0.696379
0.80538	0.522567	0.716258	0.881489	0.524777	0.816363	0.571916	0.702213	0.571425	0.62998
0.804002	0.65267	0.668953	0.757998	0.584941	0.903839	0.637785	0.821099	0.702959	0.562702
0.625878	0.699747	0.698842	0.556306	0.650776	0.727455	0.78513	0.957714	0.540483	0.621664
0.543748	0.55379	0.724103	0.666032	0.695005	0.53484	0.589616	0.80778	0.610102	0.601107
0.710285	0.544417	0.792552	0.737016	0.606097	0.625825	0.483992	0.698798	0.568148	0.842281
0.701502	0.63709	0.628107	0.689147	0.584941	0.729898	0.597428	0.756952	0.498194	0.744618
0.528158	0.625761	0.739058	0.53159	0.551024	0.857081	0.739081	0.818103	0.529892	0.688836
0.563069	0.59692	0.808737	0.620422	0.663991	0.727455	0.634911	0.648528	0.62566	0.649051
0.710285	0.631388	0.8313	0.450342	0.921117	0.70839	0.549385	0.482656	0.675984	0.743405
0.744903	0.664734	0.679029	0.574153	0.784562	0.685677	0.618975	0.682113	0.639865	0.92589
0.709178	0.627629	0.625396	0.539929	0.77247	0.506104	0.537017	0.972366	0.617354	0.777408
0.68445	0.870873	0.473398	0.453466	0.728406	0.619129	0.701883	0.734222	0.573073	0.731457
0.603628	0.655655	0.388857	0.409937	0.578959	0.652665	0.866519	0.590915	0.722309	0.818602
0.654177	0.603067	0.500917	0.524885	0.616149	0.584478	0.68228	0.370306	0.591624	0.864116
0.649331	0.60484	0.72637	0.506076	0.747997	0.658862	0.753895	0.695409	0.677031	0.824402
0.658094	0.700854	0.512571	0.553139	0.7956	0.617235	0.750144	0.723288	0.687647	0.756938
0.672087	0.717797	0.564938	0.693486	0.701708	0.656787	0.626402	0.483346	0.595083	0.716401
0.566241	0.739041	0.56026	0.907457	0.759417	0.588882	0.676988	0.584767	0.628464	0.676202
0.588285	1.043666	0.64474	0.744306	0.729605	0.692367	0.950663	0.801989	0.83158	0.605494
0.683406	0.894441	0.614717	0.65293	0.681902	0.51274	0.730667	0.66186	0.724643	0.539369
0.746106	0.638047	0.585812	0.647994	0.804068	0.580986	0.530211	0.547997	0.698529	0.583152
0.610625	0.559352	0.692487	0.903903	0.6399	0.880697	0.562117	0.637558	0.762525	0.687769
0.599311	0.846964	0.712939	0.75422	0.520306	0.639535	0.618975	0.712622	0.967576	0.731457
0.755851	0.779583	0.518166	0.710151	0.516614	0.580986	0.568625	0.654631	0.922868	0.59504
0.942187	0.763933	0.682098	1.162102	0.765894	0.870418	0.873078	0.670273	0.945619	0.584831
0.70259	0.598667	0.720723	0.883173	0.787295	0.898388	0.800233	0.664996	0.878984	0.692053
0.742508	0.68776	0.773134	0.65492	0.657842	0.68018	0.689799	0.827152	0.710823	0.744618
0.798531	0.55379	0.635421	0.695671	0.58066	0.779138	0.821713	1.007838	0.6238	0.63656
0.82371	0.542874	0.613839	0.861778	0.780493	0.877243	0.55491	0.768779	0.54743	0.549327
0.782522	0.623901	0.834204	0.776072	0.686226	0.739811	0.446532	0.706809	0.540483	0.590757

0.534771	0.751309	0.666965	0.517554	0.542358	0.769638	0.460363	0.575279	0.684435	0.693131
0.747312	0.66883	0.824122	0.546872	0.729605	0.70145	0.610769	0.563495	0.556075	0.725604
0.874042	0.4907	0.711838	0.663991	0.609726	0.663043	0.52722	0.568506	0.388837	0.517226
0.82371	0.57648	0.80192	0.442933	0.453757	0.656787	0.393584	0.594467	0.595083	0.598497
0.744903	0.565798	0.749722	0.453466	0.519565	0.500289	0.558098	1.019545	0.616441	0.676202
0.552915	0.6627	0.514661	0.527109	0.764591	0.448617	0.681216	1.031576	0.616441	0.678282
0.568636	0.620205	0.415806	0.498358	0.613385	0.604201	0.525733	0.657714	0.552124	0.573216
0.589123	0.508826	0.572051	0.502551	0.692794	0.496694	0.531714	0.534585	0.476513	0.592465
0.4564	0.490017	0.508422	0.541462	0.695005	0.550763	0.526476	0.596255	0.498889	0.786677
0.487134	0.392159	0.446921	0.533848	0.615226	0.639535	0.623602	0.720895	0.667694	0.719829
0.542239	0.561758	0.586635	0.632566	0.453122	0.590657	0.617138	0.5918	0.80123	0.765775
0.549072	0.584033	0.631749	0.498358	0.66296	0.596925	0.698554	0.430127	0.570603	0.587361
0.578349	0.439854	0.565723	0.573325	0.739317	0.628727	0.649475	0.537703	0.359598	0.502372
0.614166	0.376133	0.494871	0.481309	0.540024	0.467616	0.544706	0.404625	0.437356	0.444512
0.435286	0.458468	0.595796	0.721628	0.442456	0.497411	0.551744	0.468415	0.652564	0.586516
0.536998	0.618369	0.462117	0.692397	0.581513	0.674752	0.648489	0.511144	0.685503	0.557935
0.579989	0.674006	0.403742	0.607713	0.512954	0.46163	0.55017	0.480593	0.515196	0.498219
0.431768	0.701963	0.462736	0.565138	0.613385	0.402444	0.507554	0.462452	0.535912	0.55557
0.556792	0.563369	0.47915	0.589321	0.589264	0.689009	0.545482	0.453981	0.523954	0.561107
0.508902	0.448441	0.466469	0.585054	0.391081	0.634589	0.619896	0.488905	0.470605	0.4214
0.561491	0.486622	0.533933	0.554719	0.360778	0.513483	0.428948	0.50821	0.417293	0.349251
0.57024	0.618369	0.496877	0.637329	0.507881	0.46097	0.425986	0.459828	0.431358	0.409446
0.679256	0.770386	0.668953	0.676387	0.509325	0.491003	0.461002	0.408095	0.704074	0.470213
0.584948	0.660675	0.729794	0.701183	0.374869	0.560606	0.527966	0.466419	0.538191	0.366704
0.579168	0.496889	0.589944	0.549994	0.424845	0.442254	0.33764	0.547997	0.4785	0.354166
0.619532	0.506695	0.438637	0.562711	0.512954	0.5573	0.336678	0.652587	0.548989	0.412828
0.654177	0.5211	0.523121	0.807503	0.507161	0.478465	0.420124	0.58564	0.568965	0.511507
0.874042	0.578983	0.460265	0.603263	0.455032	0.704906	0.607171	0.464431	0.621949	0.617111
1.119643	0.600422	0.637269	0.72396	0.518087	0.69462	0.766637	0.59536	0.590763	0.50029
1.152143	0.640933	0.933657	0.849117	0.447443	0.822384	0.664544	0.868697	0.565706	0.588207
1.542963	0.95965	1.153022	1.16532	0.726018	0.997325	0.79468	1.029143	0.878984	0.659908
1.200787	1.89555	1.146991	1.227746	0.787295	0.82849	0.88142	0.945537	1.024364	0.788017
1.125374	2.088979	1.739808	1.810404	1.490343	2.117573	1.407182	1.195637	0.926578	0.856191
1.148353	0.791702	0.893439	0.983283	1.58869	1.539516	1.72645	2.804875	0.658553	0.987182
1.146055	1.17678	1.129387	1.687037	1.894275	1.564103	1.284851	1.867023	0.77945	1.185581
1.149502	1.137721	1.140666	1.716992	3.042513	1.264515	1.07835	1.232778	1.894138	1.908398
1.168796	1.143611	1.139193	2.646466	1.746946	1.661282	1.016676	1.155564	1.390417	1.19234
1.930908	0.997431	1.439013	0.721628	1.45069	1.555986	1.374468	1.174258	0.854635	1.308824
1.204389	0.936173	1.077928	0.902137	2.345521	1.741468	1.192951	2.135868	0.85306	0.853847
1.051561	1.16695	2.077009	0.990033	1.049621	1.304016	1.144044	1.068066	1.91178	0.970454
1.018112	1.034837	1.094335	1.109209	1.079415	1.111729	0.992087	1.106055	1.08706	1.196722
2.27942	1.153833	1.124084	1.227746	2.398164	1.095572	1.3393	1.776846	1.019722	1.414143
2.139922	1.272829	1.475715	1.052202	1.114791	1.130438	1.153909	2.436898	0.790203	1.611997
1.257329	1.092678	1.123674	1.542261	1.146086	1.17738	1.142174	1.148041	1.522423	0.953949
2.139922	1.141773	2.077009	1.290363	1.343817	1.53509	0.985616	1.145108	1.969464	1.320059
1.188021	1.385485	1.739808	1.39727	1.457052	1.054297	1.122978	1.127704	4.214976	1.226244
1.436442	1.459294	4.706419	1.337488	0.579453	0.697636	0.348818	1.125341	1.13243	1.106132

1.599277	1.18346	1.482145	1.158907	0.815819	0.756728	0.523227	0.824284	1.225526	0.674392
1.407882	1.076595	1.117751	1.052184	1.078935	1.277287	1.144044	0.539486	0.269743	0.608971
1.125706	1.320871	0.986618	1.105685	1.276201	1.111489	0.555745	0.547615	0.543551	1.075153
0.979389	0.896641	1.09362	3.135486	2.712838	1.353093	0.833617	0.694681	1.179813	1.071267
0.813893	1.200622	1.308434	1.416247	1.429984	1.443722	1.467733	1.150218	1.325114	1.100582
0.918071	1.022249	1.502028	2.275148	1.436853	1.160547	0.871429	1.574426	1.120622	2.555979
0.97016	1.413142	0.753665	0.989066	1.497318	3.097696	1.003092	0.93726	1.028941	1.369893
1.949745	0.48508	0.619372	1.072401	1.224467	1.360893	1.789797	0.576184	0.918168	1.891037
1.028286	0.756683	0.688028	1.155735	1.541703	0.784319	0.215107	0.513954	1.001636	0.899076
1.327419	1.264638	1.170442	1.185148	0.344171	0.430213	0.451724	0.957682	0.913729	1.199205
1.296028	1.418891	1.751694	0.688341	0.516256	0.473235	1.210559	1.430738	1.602899	0.96242
0.549975	0.274987	0.206241	0.856421	2.149407	0.746518	1.603994	1.583026	1.500926	1.19234
0	0.137494	0.736061	1.393809	0.97678	0.617454	0.585188	1.043057	1.117698	1.155019
0	1.197135	2.825605	1.323316	0.48839	0.552922	0.569055	0.808305	1.620952	0.976692
0	1.010792	1.088266	1.676429	0.691127	0.622025	1.03308	1.073667	1.031422	1.015704
0	0	0.505396	0.893864	1.549562	0.695295	1.114253	1.164725	1.233007	1.414143
0.001717	0	0.252698	1.439907	0.699463	0.697379	0.6979	1.308869	1.198866	1.123219
0.004292	1.117977	1.108739	1.099501	1.239739	0.698421	0.69816	0.852124	1.748603	0.883747
0.503495	1.001839	1.705985	2.55825	0.562898	2.5376	1.692451	0.986832	1.006087	1.331682
0.740937	2.062714	2.825605	0.026294	0.019721	0.685798	0.808698	1.248573	0.967576	1.274583
0.380517	0.195283	0.052589	0.013147	0	0.00986	1.738402	0.404349	0.685962	0.826769
0.010048	0.105177	0.078883	0.006574	0	0	0	0.202174	0.685191	1.659229
0.015072	0.961665	2.306745	0.003287	0	0	1.578105	0.684419	1.442166	0.857765
0.017584	1.260599	1.171632	0.001643	0	0	1.276405	0.925542	1.166664	1.031875
0.018841	0.018212	1.716969	8.22E-04	2.05E-04	0	0	0	0	0
0	0	0	4.11E-04	0.818557	0	0	0	0	0
0	0	0	2.05E-04	1.667265	0	0	0	0	1.462101
0	1.214858	3.291446	1.03E-04	0	0	0	0	1.418402	2.275902
2.204094	0.607429	1.405172	0	0	0	1.196416	0.598208	0.299104	0.074776
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0	1.193676	0	0	0	0	0	0	0	1.545716
0	0	1.018355	0	0	0	0	0	0	0
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1.454525	1.586273	0	0.576033	1.152066	0.576033	0	0	0	0.705924
0.605925	0.656654	1.751694	1.188808	1.263704	0.743537	0.659785	0.329893	1.522423	1.443491
0.580561	0.967766	1.22555	1.207179	1.463509	0.931822	0.911041	1.449487	1.236533	1.114591
0.651317	0.615939	0.307969	0.83475	0.952603	0.972245	1.320382	1.313513	1.137072	1.159552
1.396964	0.739287	0.677613	0.913319	0.991887	0.995063	0.734094	0.123986	0.661525	0.960516
1.00301	0.827257	1.482145	2.199028	1.185043	0.495944	0.247972	0.185979	0.78396	1.891037
1.229146	0.801368	0.895112	0.793557	2.298576	0.840493	0.668218	0.906394	2.288977	1.108933
0.783833	1.29401	0.748525	1.534634	1.608961	1.549742	1.692451	1.737928	1.144569	0.820045
1.506787	1.396337	1.164588	1.153994	1.145761	1.490523	1.612979	1.046468	1.602899	1.43746
1.068668	1.16695	1.162227	0.985126	0.824491	1.037694	0.985616	1.171407	1.214916	1.258425
0.722661	0.454053	0.69354	0.727482	0.675496	1.463165	1.102887	1.044251	1.774067	0.893906
1.271433	0.772994	0.636344	0.962543	1.599962	1.584759	0.918315	1.281996	0.941743	0.702951
1.520898	0.908506	0.811494	1.300677	0.568065	1.384559	0.970882	0.884056	1.374452	1.414143

[illegible]

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0	0	0	0.377906	1.138245	0.313271	0.42732	1.446843	1.580579	0.273178
0.599011	2.333592	1.297295	0.940451	0.755812	0.757796	0.626542	0.541368	0.568911	0.546356
1.710611	1.198022	1.110025	0.655323	0.65873	0.508594	0.686128	0.660794	0.540114	0.416189
1.001801	0.838879	0.908448	0.493662	0.469134	0.598695	0.687194	0.637357	0.483587	0.44067
0.557431	0.518671	0.512312	0.537794	0.399795	0.511434	0.387767	0.500658	0.422811	0.448933
0.555053	0.268889	0.440933	0.524077	0.500298	0.468735	0.338224	0.474404	0.599754	0.698696
0.571158	0.460966	0.618433	0.549565	0.378588	0.238651	0.529632	0.445349	0.407716	0.603798
0.464739	0.498803	0.562562	0.434881	0.261187	0.195287	0.292037	0.349276	0.339233	0.391888
0.411621	0.547176	0.397778	0.386381	0.329938	0.0186	-0.04167	0.078628	0.196056	0.319017
0.375655	0.643087	0.48601	0.581752	0.559664	0.491256	0.31724	0.09386	0.012451	0.191683
0.192714	0.407219	0.486719	0.777577	0.642839	0.491937	0.431092	0.362704	0.437838	0.376412
0.353729	0.573545	0.599613	0.558405	0.455618	0.520065	0.457939	0.348298	0.44711	0.465279
0.481762	0.486494	0.335368	0.464584	0.463935	0.434013	0.538633	0.358181	0.372653	0.372627
0.4071	0.426749	0.35275	0.442274	0.296613	0.285135	0.432871	0.524184	0.508046	0.350076
0.345845	0.423238	0.511559	0.769583	0.464581	0.340549	0.512171	0.393033	0.624415	0.416189
0.501571	0.482468	0.440295	0.540123	0.564523	0.444263	0.395875	0.37865	0.435398	0.565231
0.425476	0.469958	0.44543	0.436104	0.40203	0.4988	0.460464	0.246803	0.310478	0.337484
0.410487	0.303306	0.447371	0.581752	0.429189	0.411373	0.396968	0.297625	0.418111	0.382426
0.544125	0.310439	0.29382	0.361951	0.290505	0.29976	0.461732	0.387116	0.457223	0.356771
0.378804	0.345045	0.31006	0.540123	0.295735	0.334821	0.485884	0.366763	0.361225	0.284724
0.541819	0.540254	0.3972	0.379874	0.241781	0.327299	0.314065	0.349276	0.473512	0.274728
0.483099	0.569446	0.622296	0.458092	0.355842	0.357202	0.34545	0.292869	0.400361	0.342477
0.404298	0.475839	0.499693	0.610069	0.405404	0.338153	0.42057	0.409594	0.506611	0.506485

0.521595	0.414012	0.335869	0.443518	0.479052	0.381855	0.44309	0.366254	0.484948	0.430097
0.332857	0.360909	0.433332	0.574952	0.43218	0.379746	0.566006	0.442305	0.601534	0.304053
0.493264	0.426749	0.434589	0.368717	0.302809	0.403526	0.399161	0.374479	0.299666	0.349055
0.290449	0.342618	0.467958	0.449794	0.393708	0.419942	0.276841	0.342474	0.267517	0.297212
0.138272	0.274646	0.298859	0.422832	0.374889	0.301513	0.262962	0.337679	0.456584	0.359374
0.231084	0.348466	0.360115	0.264314	0.257959	0.257683	0.282267	0.1839	0.344135	0.385188
0.272349	0.384778	0.493157	0.403655	0.268127	0.269353	0.33727	0.368807	0.35109	0.372627
0.361759	0.296288	0.47689	0.262667	0.312272	0.285982	0.318607	0.445961	0.332944	0.363571
0.243635	0.236622	0.348597	0.294632	0.285336	0.218237	0.263364	0.365745	0.423995	0.471993
0.328144	0.310889	0.244371	0.396887	0.258763	0.320822	0.401918	0.381806	0.397008	0.443196
0.492579	0.547952	0.356417	0.406507	0.343431	0.406872	0.319522	0.382334	0.388737	0.327667
0.535728	0.535699	0.396046	0.327227	0.309095	0.454137	0.333945	0.343922	0.301897	0.379682
0.452707	0.541017	0.421561	0.408227	0.416844	0.420519	0.400262	0.328246	0.322972	0.375869
0.436766	0.45843	0.29932	0.362467	0.538449	0.494669	0.496759	0.421574	0.455946	0.426425
0.44774	0.436855	0.442213	0.378262	0.483084	0.489222	0.485213	0.562449	0.491819	0.406771
0.496015	0.53194	0.440295	0.501424	0.46848	0.610164	0.472662	0.509774	0.452137	0.502837
0.416191	0.422074	0.42958	0.58433	0.484436	0.520065	0.466199	0.426226	0.375292	0.472671
0.453332	0.444132	0.34705	0.383658	0.375415	0.57333	0.50862	0.533813	0.509487	0.511644
0.435564	0.553423	0.39146	0.418105	0.281499	0.389317	0.43645	0.439885	0.496694	0.459981
0.399851	0.580187	0.467278	0.43427	0.318697	0.468735	0.440059	0.593967	0.372653	0.513874
0.449596	0.476497	0.420951	0.416931	0.443741	0.624708	0.358268	0.450883	0.333424	0.355217
0.567076	0.504387	0.425244	0.59568	0.499596	0.49673	0.266593	0.521263	0.486314	0.494918
0.541819	0.567004	0.486719	0.628753	0.454352	0.52225	0.498828	0.549834	0.666831	0.597429
0.467314	0.543317	0.571101	0.416345	0.51676	0.433417	0.412559	0.560056	0.513108	0.567755
0.431381	0.465438	0.355366	0.248917	0.488518	0.483174	0.416546	0.588836	0.426371	0.592936
0.495326	0.495348	0.46188	0.371875	0.389334	0.560384	0.468773	0.450265	0.402048	0.524434
0.422553	0.520854	0.648286	0.63743	0.512405	0.649434	0.586671	0.780137	0.547923	0.522909
0.537243	0.505794	0.574564	0.530881	0.483084	0.723982	0.599559	0.803189	0.611453	0.459981
0.658053	0.443521	0.422173	0.399131	0.43218	0.621944	0.5058	0.499272	0.290422	0.482264
0.592167	0.455909	0.455225	0.563303	0.535392	0.530357	0.472012	0.511905	0.373706	0.414408
0.506491	0.528213	0.451935	0.51664	0.617275	0.576627	0.414833	0.564856	0.493902	0.589374
0.505785	0.423238	0.522216	0.403655	0.530094	0.667416	0.483875	0.658792	0.581497	0.547966
0.464739	0.567004	0.556682	0.372404	0.444358	0.592642	0.607479	0.739807	0.448361	0.568599
0.394357	0.487845	0.470686	0.344242	0.467177	0.432823	0.449833	0.554522	0.352093	0.462622
0.531215	0.53797	0.46457	0.450427	0.508809	0.430452	0.319522	0.511194	0.330548	0.446374
0.705663	0.528956	0.683684	0.530881	0.444976	0.502971	0.409171	0.682393	0.547136	0.589374
0.559024	0.429697	0.661888	0.541682	0.538449	0.598695	0.388839	0.572976	0.539341	0.652232
0.477774	0.480468	0.511559	0.477867	0.604589	0.498109	0.351812	0.521992	0.336319	0.640106
0.584486	0.510757	0.521446	0.454242	0.593132	0.512861	0.584138	0.453988	0.366901	0.552015
0.48243	0.412872	0.449973	0.467867	0.534631	0.530357	0.566814	0.605297	0.544001	0.709084
0.49809	0.480468	0.492437	0.437331	0.656711	0.550143	0.473966	0.651856	0.56726	0.513874
0.660062	0.743843	0.652426	0.510781	0.617275	0.57333	0.588367	0.576268	0.506611	0.625409
0.559822	0.565384	0.537907	0.543247	0.647743	0.462328	0.633087	0.485653	0.384389	0.609333
0.475793	0.454654	0.735871	0.625898	0.534631	0.449172	0.473314	0.437479	0.342167	0.600147
0.531964	0.525992	0.537907	0.497879	0.660758	0.507887	0.53712	0.656799	0.576419	0.592936
0.610636	0.648927	0.557517	0.460029	0.665869	0.510012	0.523002	0.649895	0.477514	0.530585
0.689206	0.712108	0.560874	0.489486	0.600146	0.493984	0.581621	0.618748	0.544783	0.818796

0.600864	0.523049	0.600535	0.589531	0.667931	0.482507	0.61736	0.604415	0.56726	0.788312
0.549555	0.436254	0.674834	0.541682	0.463935	0.492618	0.653335	0.537574	0.692441	0.678638
0.460267	0.388528	0.544346	0.593914	0.631291	0.500186	0.646481	0.531572	0.585775	0.676465
0.587883	0.542549	0.508562	0.656339	0.69237	0.621026	0.690407	0.500658	0.599754	0.845144
0.527489	0.646972	0.579811	0.556784	0.656711	0.638801	0.728586	0.479001	0.615117	0.903181
0.555053	0.632579	0.613651	0.617446	0.57524	0.47985	0.654323	0.430338	0.689156	0.600147
0.619714	0.638279	0.644185	0.601916	0.569437	0.507182	0.758969	0.48165	0.713843	0.560228
0.593893	0.674145	0.571101	0.736546	0.758349	0.527392	0.701292	0.467277	0.660658	0.739314
0.861332	0.749983	0.456548	0.7477	0.7792	0.69805	0.608368	0.34151	0.756262	0.796805
0.70903	0.693254	0.465922	0.812568	0.598382	0.56843	0.454179	0.372925	0.657604	0.674304
0.576108	0.606037	0.442855	0.70131	0.525604	0.392555	0.389914	0.530084	0.804699	0.497064
0.734557	0.645025	0.520677	0.606427	0.657719	0.555627	0.784905	0.625171	0.684814	0.642104
0.844077	0.70536	0.552531	0.623063	0.785927	0.705779	0.828441	0.57134	0.578951	0.626374
0.761679	0.650892	0.746072	0.684709	0.576076	0.681935	0.713589	0.520536	0.730317	0.871493
0.683856	0.952749	0.70078	0.777577	0.462645	0.574976	0.601306	0.450883	0.530924	0.596526
0.769379	0.768942	0.504844	0.732891	0.592263	0.68724	0.638777	0.418691	0.500916	0.420375
0.729803	0.639236	0.488142	0.666631	0.742115	0.787688	0.952396	0.578752	0.640693	0.571993
0.726271	0.56863	0.606107	0.787094	0.783224	0.774438	0.750245	0.578752	0.848072	0.788312
0.697905	0.629757	0.562562	0.785721	0.4968	0.655346	0.601306	0.463439	0.903349	0.72941
0.499479	0.581024	0.458539	0.686886	0.520423	0.616467	0.524466	0.534563	0.659638	0.425209
0.607057	0.674145	0.520677	0.717399	0.631291	0.742981	0.644542	0.43868	0.573066	0.467282
0.622475	0.67937	0.521446	0.694594	0.517491	0.650414	0.719296	0.438079	0.580647	0.54716
0.57944	0.518671	0.40419	0.53702	0.446214	0.646508	0.490608	0.502745	0.894508	0.720925
0.667167	0.641157	0.585123	0.63743	0.42092	0.656339	0.519361	0.542895	0.744953	0.758517
0.701213	0.698715	0.525309	0.613742	0.437011	0.577456	0.523733	0.56971	0.586636	0.670012
0.702321	0.752463	0.707811	0.811113	0.59053	0.787688	0.510747	0.524917	0.582349	0.485045
0.794706	0.559761	0.788033	1.014977	0.97697	0.895566	0.699093	0.712971	0.592708	0.413815
0.65011	0.586931	0.608921	0.643313	0.752033	0.834523	0.644542	1.173792	0.598867	0.504293
0.793335	0.594646	0.765871	0.478542	0.443125	0.594363	0.446755	0.810209	0.849647	0.713781
0.608842	0.515055	0.70078	0.590404	0.518955	0.69805	0.523002	0.685568	0.60332	0.746894
0.564644	0.449671	0.580692	0.890596	0.722934	0.880314	0.687194	0.617839	0.568911	0.482264
0.648146	0.47387	0.499693	0.611901	0.638955	0.671515	0.488577	0.745866	0.778464	0.691907
0.54722	0.577684	0.578932	0.605521	0.570261	0.577456	0.479223	0.792188	0.79764	1.10679
0.630865	0.537212	0.691578	0.633552	0.446214	0.506477	0.554849	0.803189	0.532442	0.801115
0.738157	0.502984	0.660827	0.690173	0.571914	0.691532	0.543972	0.686631	0.522668	0.553645
0.734557	0.451533	0.853892	0.799644	0.701204	0.911373	0.64069	0.63169	0.501624	0.502837
0.541819	0.501586	0.783791	0.968746	0.84231	0.837531	0.688262	0.76203	0.62819	0.667882
0.624325	0.648927	0.872476	0.562483	0.64873	0.584983	0.565199	0.780137	0.594459	0.709084
0.74914	0.559761	0.692718	0.495765	0.57524	0.434013	0.477903	0.781459	0.566437	0.621573
0.538763	0.499497	0.638105	0.431231	0.561278	0.699146	0.603061	0.605297	0.510208	0.519876
0.581116	0.562966	0.7435	0.454242	0.638955	0.769249	0.540913	0.477683	0.418695	0.611194
0.456471	0.496037	0.562562	0.422238	0.623759	0.678783	0.447983	0.667875	0.560718	0.676465
0.539525	0.491239	0.567665	0.481932	0.645774	0.549365	0.507207	0.737406	0.746195	0.805468
0.590448	0.38265	0.544346	0.499294	0.465229	0.621026	0.675612	0.754495	0.566437	0.543156
0.61606	0.47387	0.729615	0.5137	0.56047	0.598695	0.650384	0.7007	0.43845	0.471993
0.4139	0.524518	0.586908	0.547185	0.676277	0.538618	0.514315	0.704012	0.530167	0.658425
0.566264	0.59292	0.576306	0.611901	0.572744	0.44794	0.63027	0.70735	0.640693	0.785517

0.715845	0.608709	0.514577	0.540902	0.571087	0.501576	0.566006	0.457116	0.599754	0.672153
0.486461	0.474525	0.734613	0.507158	0.60998	0.518615	0.674574	0.420996	0.517494	0.624447
0.553475	0.496037	0.652426	0.486036	0.628451	0.594363	0.67874	0.509066	0.471525	0.597429
0.462178	0.60515	0.661888	0.578339	0.518955	0.483174	0.726245	0.593108	0.423403	0.641104
0.406538	0.586082	0.572829	0.624951	0.429785	0.413073	0.718149	0.614218	0.663734	0.726968
0.563031	0.518671	0.47828	0.538569	0.68802	0.58837	0.780914	0.53833	0.639718	0.488545
0.618797	0.595512	0.613651	0.605521	0.795523	0.623785	0.725079	0.479662	0.455309	0.456049
0.453332	0.475839	0.744784	0.809663	0.696765	0.48787	0.652349	0.566468	0.601534	0.614939
0.603507	0.518671	0.695006	0.828905	0.595749	0.477209	0.832895	0.817344	0.524157	0.650187
0.583641	0.6025	0.454565	0.523328	0.504532	0.467446	0.636872	0.59225	0.642648	0.551202
0.505785	0.586931	0.553358	0.475178	0.587086	0.56843	0.888548	0.564856	0.62819	0.602882
0.452083	0.758728	0.497503	0.677174	0.747046	0.564388	0.808237	0.59916	0.510208	0.596526
0.486461	0.746288	0.696155	0.830421	0.70009	0.640715	0.813914	0.494457	0.589228	0.795378
0.531215	0.696522	0.656606	0.875174	0.632241	0.678783	0.609259	0.508359	0.619741	0.676465
0.479763	0.648927	0.437116	0.647279	0.652702	0.700244	0.66636	0.627953	0.71269	0.566912
0.465381	0.571081	0.527643	0.746446	0.55886	0.68511	0.5058	0.388186	0.548712	0.566912
0.50227	0.615915	0.370314	0.411109	0.505242	0.481176	0.48121	0.429748	0.581497	0.429483
0.624325	0.709847	0.41489	0.489486	0.492639	0.48787	0.765309	0.56325	0.79764	0.625409
0.694623	0.683595	0.4666	0.600125	0.501001	0.522981	0.771743	0.541368	0.631999	0.558573
0.463456	0.637324	0.442213	0.52558	0.52486	0.644568	0.74412	0.59054	0.476845	0.474709
0.450217	0.65884	0.536312	0.717399	0.454352	0.561981	0.597818	0.444739	0.568911	0.640106
0.581116	0.878581	0.471371	0.774896	0.594003	0.506477	0.667378	0.499272	0.731518	0.653258
0.787896	0.655842	0.302561	0.555169	0.469788	0.614657	0.690407	0.611523	0.761385	0.642104
0.695714	0.6025	0.485301	0.536248	0.504532	0.556417	0.642611	0.710714	0.70697	0.571142
0.714702	0.621399	0.413088	0.86028	0.743343	0.798587	0.611046	0.677152	0.53473	0.427035
0.750378	0.788767	0.548419	0.904781	0.605483	0.593502	0.586671	0.543661	0.527903	0.485742
0.512183	0.558168	0.535517	0.70244	0.461359	0.556417	0.687194	0.704012	0.633916	0.459981
0.537243	0.408343	0.476196	0.510781	0.528592	0.581621	0.621927	0.533065	0.747441	0.411454
0.591307	0.454654	0.501893	0.603715	0.564523	0.624708	0.36533	0.460266	0.660658	0.581467
0.511467	0.383713	0.595945	0.808217	0.524118	0.811184	0.523733	0.516199	0.539341	0.619667
0.633698	0.562966	0.633103	0.745197	0.603697	0.70245	0.675612	0.51981	0.587498	0.593831
0.541053	0.542549	0.68705	0.921313	0.615439	0.703557	0.706838	0.608844	0.799043	0.598333
0.515779	0.411736	0.46121	0.586057	0.579434	0.718211	0.654323	0.661798	0.638746	0.557747
0.529721	0.496727	0.348081	0.568257	0.624694	0.686174	0.550154	0.688766	0.476845	0.584963
0.626184	0.586082	0.514577	0.608244	0.46848	0.663355	0.592637	0.612419	0.571399	0.60748
0.655057	0.803902	0.607981	0.545606	0.435193	0.538618	0.583297	0.683448	0.665796	0.605635
0.534972	0.562966	0.503366	0.750218	0.545406	0.590074	0.629335	0.739807	0.650561	0.510164
0.66208	0.56056	0.434589	0.560847	0.580278	0.746638	0.463004	0.519086	0.664764	0.47539
0.665125	0.636371	0.506328	0.555169	0.569437	0.851329	0.394241	0.439282	0.455309	0.500663
0.696809	0.742625	0.528424	0.633552	0.446835	0.442437	0.405808	0.459003	0.602426	0.615881
0.585333	0.571081	0.589599	0.672926	0.405404	0.535596	0.43645	0.419842	0.667869	0.601057
0.511467	0.365987	0.581575	0.593914	0.380183	0.676694	0.456682	0.34151	0.545566	0.605635
0.675431	0.471909	0.465246	0.544818	0.40147	0.582459	0.412559	0.477025	0.549502	0.556102
0.659056	0.674145	0.457211	0.616517	0.46848	0.637847	0.461732	0.516919	0.564795	0.509425
0.611535	0.698715	0.593214	0.677174	0.527096	0.562782	0.52889	0.510483	0.735141	0.577998
0.524532	0.614102	0.609863	0.661455	0.49195	0.630291	0.521542	0.594829	0.751199	0.644111
0.62805	0.56863	0.580692	0.74395	0.619117	0.782339	0.57995	0.650874	0.559908	0.48019

0.608842	0.613198	0.486719	0.690173	0.689104	0.793103	0.592637	0.686631	0.528657	0.453448
0.587883	0.706477	0.589599	0.875174	0.738454	0.670486	0.475274	0.566468	0.46627	0.568599
0.715845	0.780728	0.7435	0.78163	0.679448	0.659332	0.411427	0.542895	0.742479	0.465279
0.745448	0.702025	0.721005	0.623063	0.418586	0.636895	0.558801	0.617839	0.629139	0.461299
0.692448	0.555789	0.593214	0.430626	0.368619	0.595226	0.566006	0.580417	0.632956	0.482264
0.474478	0.501586	0.438384	0.600125	0.617275	0.771836	0.575802	0.711841	0.699086	0.654287
0.584486	0.531192	0.463896	0.715064	0.616356	0.690455	0.535612	0.516919	0.779806	0.793956
0.618797	0.576024	0.569379	0.70244	0.545406	0.626561	0.472662	0.449647	0.777126	0.736817
0.691365	0.607816	0.746072	0.719747	0.54775	0.696957	0.505097	0.63169	0.62819	0.576274
0.736954	0.5065	0.552531	0.587791	0.503116	0.640715	0.496759	0.736211	0.648569	0.456702
0.629924	0.599866	0.440933	0.580896	0.472415	0.752802	0.516471	0.737406	0.753724	0.532915
0.593029	0.661858	0.562562	0.852221	0.696765	0.764122	0.606592	0.610628	0.670996	0.570293
0.535728	0.671041	0.723448	0.76695	0.524118	0.72051	0.647453	0.624248	0.556679	0.534475
0.833444	0.637324	0.643166	0.825888	0.556455	0.583299	0.599559	0.648917	0.570568	0.724541
0.723932	0.503685	0.456548	0.824388	0.715954	0.741769	0.505097	0.684507	0.486998	0.809866
0.782525	0.527472	0.438384	0.776234	0.694562	0.769249	0.52889	0.537574	0.493902	0.779981
0.586181	0.712108	0.583345	0.643313	0.562897	0.811184	0.672506	0.864408	0.740019	0.551202
0.609738	0.566194	0.680344	0.653298	0.471756	0.611955	0.80965	0.745866	0.710393	0.54236
0.834947	0.448434	0.442855	0.442274	0.478384	0.602192	0.592637	0.782786	0.480878	0.622529
0.706783	0.557374	0.520677	0.706988	0.69019	0.787688	0.472662	0.59225	0.447735	0.601057
0.934349	0.700919	0.611753	0.792627	0.594003	0.719359	0.520814	0.560852	0.586636	0.689667
0.78925	0.758728	0.653467	0.678243	0.483084	0.648457	0.450451	0.718665	0.761385	0.635152
0.703432	0.671041	0.624241	0.562483	0.527843	0.65238	0.518637	0.691989	0.63009	0.587605
0.847164	0.610499	0.53314	0.651282	0.487153	0.540899	0.525201	0.676111	0.469547	0.632206
0.886024	0.581024	0.597775	0.825888	0.600146	0.648457	0.515033	0.533065	0.537029	0.652232
0.712424	0.772835	0.71137	0.689075	0.673128	0.862372	0.581621	0.688766	0.412882	0.599239
0.713561	0.7402	0.622296	0.488794	0.32475	0.888721	0.611046	0.706235	0.479529	0.509425
0.926841	0.56377	0.53235	0.451695	0.419168	0.787688	0.64551	0.651856	0.597099	0.809866
0.715845	0.541782	0.507816	0.586057	0.662795	0.664367	0.578286	0.579584	0.514565	0.829452
0.701213	0.541017	0.747365	0.712741	0.660758	0.623785	0.466841	0.61966	0.584059	0.805468
0.684921	0.502984	0.779589	0.985783	0.673128	0.746638	0.652349	0.76203	0.516027	0.814308
0.564644	0.531192	0.757843	0.639382	0.611792	0.837531	0.841943	0.70959	0.642648	0.653258
0.640381	0.662869	0.6371	0.505718	0.540756	0.887026	0.862219	0.848662	0.673093	0.679728
0.746676	0.651877	0.752572	0.561664	0.718268	0.664367	0.831405	0.609735	0.647577	0.529811
1.033917	0.587782	0.7852	0.53702	0.602806	0.657334	0.674574	0.814476	0.689156	0.769116
0.801624	0.590343	0.587803	0.488103	0.802509	0.857605	0.7216	0.750776	0.584916	1.010347
0.703432	0.712108	0.690442	0.505718	0.726466	0.717066	0.703502	0.859624	0.610542	0.998815
0.575279	0.627886	0.6371	0.510781	0.721763	0.605717	0.819667	0.519086	0.648569	0.970189
0.539525	0.756211	0.951795	0.665591	0.755812	0.485851	0.6603	0.558467	0.781152	1.13079
0.824532	0.747516	0.818952	0.563303	0.69237	0.507182	0.609259	0.684507	0.811875	0.837227
0.861332	0.828383	0.512312	0.481932	1.086523	0.773135	0.696905	0.727935	0.480878	0.610262
0.493264	0.618648	0.536312	0.520343	0.714801	0.778371	0.767871	0.710714	0.508046	0.667882
0.548775	0.745064	0.752572	0.711584	0.772576	0.625634	0.7216	0.600905	0.743714	0.851583
1.045989	1.059556	0.875942	0.723292	0.76865	0.653366	0.790283	0.661798	0.869016	0.713781
0.682794	0.790121	0.788033	0.617446	0.752033	0.438204	0.794361	0.667875	0.65558	0.655317
0.603507	0.734196	0.575434	0.628753	0.777867	0.606603	0.885168	0.706235	0.586636	0.706754
0.582798	0.6025	0.614603	0.680387	0.81975	0.738153	0.974569	0.432112	0.71154	0.799674

0.496015	0.806712	0.775428	0.928867	0.726466	0.570057	0.82992	0.548282	0.789318	0.697557
0.590448	0.890381	0.788033	0.687979	0.962479	0.596957	1.056239	0.682393	0.779806	0.614939
0.479763	0.759991	0.565957	0.524828	1.067963	0.673579	0.824032	0.624248	0.693541	0.92375
0.543355	0.707597	0.649317	0.70131	0.84853	0.572509	0.657301	0.484984	0.756262	0.8341
0.567889	0.680422	0.739669	0.842744	0.637026	0.591785	0.831405	0.749543	0.870669	0.804013
0.568704	1.002877	0.633103	0.732891	0.645774	0.477209	0.739281	0.678195	0.990055	0.74945
0.688131	0.925975	0.594122	0.773562	0.763469	0.518615	0.799858	0.525651	0.786579	0.555281
0.844077	0.791479	0.646231	0.728065	0.908918	1.124018	1.024946	0.573797	0.666831	0.566912
0.71129	0.606037	0.697306	0.71623	0.69237	1.051602	0.857455	0.695235	0.744953	0.702131
0.593893	0.722431	0.634099	0.754022	0.668965	0.726312	0.606592	0.724435	0.732722	0.771807
0.705663	0.653855	0.595945	0.868491	0.616356	0.675653	0.67874	0.722118	0.783857	0.668946
0.837969	0.566194	0.76858	0.983616	0.721763	0.925923	0.778274	0.749543	1.168201	0.74945
0.988732	0.595512	0.834486	0.809663	0.858029	0.946761	0.686128	0.745866	0.831106	0.746894
1.163324	0.890381	0.882958	0.750218	0.764758	1.112498	0.702395	0.685568	0.79764	0.933432
0.947807	0.815251	0.761838	0.934621	0.707949	1.069249	0.92204	1.003008	0.716159	0.881801
0.768086	0.522316	0.510808	0.847456	0.637026	0.972751	0.75272	0.830491	0.635841	0.584087
0.908622	0.536455	0.671561	0.796824	0.755812	0.774438	0.59522	0.872501	0.686979	0.699838
0.805828	0.724758	0.865626	0.806776	0.99634	0.615561	0.593497	0.960982	0.4988	0.698696
0.847164	0.650892	0.853892	0.524077	0.65873	0.534844	0.749013	0.931933	0.738795	0.685222
0.982342	0.709847	0.832907	0.521833	0.856431	0.655346	0.838906	0.756992	0.684814	0.861423
0.692448	0.632579	0.786614	0.63743	0.805336	0.797209	0.648428	0.615121	0.439676	0.578862
0.502971	0.685723	0.89009	0.696821	0.80961	0.605717	0.494014	0.967032	0.533203	0.693031
0.659056	0.859071	0.869037	0.492266	0.754549	0.4988	0.541676	0.975233	0.901566	0.937365
1.048444	0.651877	0.828205	0.560847	0.626568	0.585827	0.747785	0.913593	0.661681	0.806929
0.657052	0.401637	0.808399	0.695706	1.023589	0.610164	0.808237	0.807388	0.606014	0.804013
0.585333	0.5912	0.910327	0.706988	1.028301	0.878652	0.611943	0.854892	0.703574	1.012691
0.821601	0.873621	0.734613	0.63743	0.908918	0.746638	0.780914	0.890854	0.659638	0.805468
0.934349	0.854327	0.630129	0.604617	0.630342	0.802745	0.852743	0.730283	0.846502	0.941335
0.769379	0.7402	0.658711	0.573269	0.932967	0.806944	0.818222	0.60178	0.573902	0.642104
0.534218	0.717812	0.89009	0.734106	1.070566	0.691532	0.727414	0.451502	0.4988	0.832545
0.433766	0.65884	0.818952	0.822893	0.861242	0.578286	0.520814	0.593108	0.678382	1.084047
0.376702	0.632579	0.572829	0.700184	0.594003	0.647481	0.619181	0.645998	0.75246	0.963843
0.610636	0.840399	0.659768	0.613742	0.612701	0.611955	0.825496	0.620574	0.80899	0.679728
0.656054	0.795581	1.016469	1.005783	0.674175	0.773135	0.962334	0.523452	0.621605	0.649169
0.699005	0.59292	0.953872	1.211325	0.950433	0.816902	0.997935	0.648917	0.738795	0.970189
0.713561	0.710976	0.733358	1.056379	0.742115	0.95066	1.179517	0.805984	0.730317	0.795378
0.703432	0.83285	0.575434	0.729267	0.661775	0.964587	1.036717	0.834963	0.804699	0.476756
0.585333	0.779402	0.525309	0.544032	0.390423	0.709135	0.625615	0.651856	0.782502	0.538399
0.573626	0.83435	0.616513	0.858656	0.667931	0.538618	0.549376	0.499272	0.786579	0.793956
0.568704	0.697617	0.680344	0.755298	0.603697	0.769249	0.66636	0.574619	0.793459	0.639111
0.652082	0.702025	0.594122	0.723292	0.57524	0.704667	0.735687	0.651856	0.686979	0.461299
0.571979	0.493289	0.427716	0.690173	0.664842	0.733378	0.510747	0.698506	0.508766	0.547966
0.682794	0.687861	0.567665	0.950346	0.752033	0.705779	0.597818	0.731462	0.463666	0.62734
0.79746	0.805305	0.627175	0.78163	0.550107	0.741769	0.575802	0.645998	0.645599	0.556102
0.613339	0.575196	0.778198	0.57919	0.52486	0.9917	0.578286	0.797654	0.71154	0.54716
0.762953	0.559761	0.645207	0.651282	0.608176	0.836024	0.593497	0.743432	0.692441	0.622529
0.517225	0.50509	0.631118	0.778924	0.679448	0.662346	0.530375	0.755742	0.592708	0.588489

0.683856	0.612297	0.691578	0.78163	0.641865	0.696957	0.507913	0.663814	0.551087	0.585842
0.864545	0.645997	0.733358	0.63743	0.506665	0.752802	0.578286	0.689838	0.593583	0.516115
0.787896	0.522316	0.610807	0.479895	0.610885	0.734567	0.62469	0.627024	0.561531	0.594727
0.730987	0.548729	0.578055	0.528602	0.612701	0.734567	0.530375	0.676111	0.493206	0.626374
0.715845	0.60162	0.77681	0.63743	0.556455	0.660334	0.558801	0.687698	0.563977	0.588489
0.770676	0.770236	1.021305	0.828905	0.653701	0.598695	0.483207	0.754495	0.451505	0.685222
0.645218	0.772835	0.941557	0.587791	0.54932	0.732192	0.603941	0.765847	0.540114	0.601969
0.75662	0.613198	0.648286	0.607334	0.627509	0.661339	0.654323	0.969068	0.751199	0.775875
0.561424	0.466725	0.578055	0.560847	0.623759	0.564388	0.523002	0.682393	0.704703	0.959663
0.761679	0.429697	0.649317	0.542464	0.588805	0.611059	0.441875	0.66584	0.597982	0.809866
0.851836	0.491922	0.602384	0.452331	0.580278	0.661339	0.553278	0.752012	0.524904	0.586722
0.79746	0.609603	0.83607	0.494362	0.643815	0.701346	0.620094	0.790833	0.548712	0.624447
0.775902	0.555789	0.734613	0.625898	0.597503	0.762849	0.805426	0.66584	0.569739	0.598333
0.782525	0.534192	0.858882	0.61559	0.772576	0.550143	0.523002	0.551391	0.709249	0.678638
0.805828	0.587782	0.704281	0.571592	0.580278	0.470028	0.5486	0.755742	0.615117	0.829452
0.691365	0.798337	0.986281	0.760438	0.787285	0.577456	0.706838	0.789481	0.640693	0.638117
0.598236	0.569446	0.553358	0.564948	0.950433	0.718211	0.808237	0.710714	0.547136	0.724541
0.726271	0.443521	0.510058	0.695706	0.858029	0.567619	0.77565	0.675073	0.60332	1.003391
0.820143	0.747516	0.839257	0.58261	0.706818	0.506477	0.77565	0.763298	0.643629	0.957588
0.689206	0.743843	0.919847	0.659401	0.732419	0.625634	0.854308	0.63169	0.499504	0.675383
0.648146	0.656839	0.647257	0.866836	0.894754	0.644568	0.725079	0.719813	0.489058	0.775875
0.575279	0.720115	0.619395	0.821402	0.755812	0.435206	0.749013	0.608844	0.553475	0.916157
0.531964	0.576853	0.765871	0.787094	0.650712	0.453513	0.664331	0.708469	0.516027	0.929533
0.787896	0.659843	0.757843	0.509328	0.743343	0.559588	0.808237	0.830491	0.548712	0.866429
0.953706	0.962726	0.703111	0.622121	0.956414	0.755292	0.855879	0.730283	0.572232	0.735573
0.704546	0.809539	0.568521	0.61559	0.721763	0.659332	0.702395	0.555308	0.575578	1.086826
0.559024	0.738992	0.634099	0.756577	0.85484	0.704667	0.622846	0.547509	0.518966	0.963843
0.573626	0.78607	0.585123	0.574952	0.574407	0.370382	0.787585	0.867627	0.840278	0.71853
0.727445	0.863867	0.548419	0.482614	0.520423	0.309939	1.027275	1.030325	0.86084	0.788312
0.800231	0.77545	0.481075	0.757861	0.656711	0.483842	0.740485	0.533813	0.652561	0.731865
0.773281	0.562162	0.603312	0.730472	0.938711	0.808353	0.658299	0.423894	0.606916	0.635152
0.604392	0.703133	0.728375	0.801061	0.691279	0.658332	0.638777	0.628884	0.633916	0.667882
0.386779	0.857484	0.603312	0.646284	0.850099	0.556417	0.792997	0.629818	0.694644	0.52673
0.427239	0.667958	0.544346	0.632588	0.916177	0.505071	0.611943	0.514047	0.550294	0.619667
0.606166	0.691089	0.57718	0.720925	0.91435	0.54704	0.667378	0.384453	0.549502	0.577998
0.541819	0.670011	0.744784	0.763031	0.776538	0.682991	1.071479	0.625171	0.611453	0.528268
0.680678	0.752463	0.782386	0.855426	0.619117	0.58837	0.868653	0.741012	0.743714	0.628309
0.726271	0.706477	0.578055	0.670818	0.606378	0.445485	0.582458	0.679241	0.762675	0.478814
0.683856	0.802504	0.219878	0.407653	0.593132	0.633109	0.59522	0.528601	0.751199	0.529039
0.464097	0.59292	0.320104	0.533173	0.621897	0.498109	0.797101	0.389796	0.870669	0.639111
0.419071	0.666936	0.428958	0.693484	0.58452	0.53635	0.702395	0.582926	0.851229	0.838799
0.585333	0.7402	0.520677	0.808217	0.683713	0.409117	0.761494	0.794913	0.828092	0.53136
0.615151	0.741411	0.622296	0.87686	0.663817	0.557207	1.092668	0.76841	0.458504	0.422785
0.682794	0.686791	0.43775	0.726867	0.589667	0.562782	0.838906	0.564052	0.573066	0.579729
0.544125	0.641157	0.510058	0.629708	0.543075	0.711386	0.694728	0.535314	0.615117	0.885292
0.449596	0.81096	0.688177	0.718571	0.546968	0.550143	0.681891	0.696323	0.80899	0.551202
0.485113	0.738992	0.576306	0.656339	0.594875	0.544727	0.558801	0.658792	0.688066	0.465946

0.5129	0.433261	0.241536	0.552759	0.505953	0.543958	0.536366	0.608844	0.486998	0.525198
0.542586	0.473215	0.414289	0.636457	0.497497	0.552485	0.64551	0.589687	0.875669	0.697557
0.520133	0.453403	0.463896	0.462626	0.576913	0.728654	0.510037	0.616025	0.817702	0.699838
0.483769	0.399425	0.387486	0.489486	0.512405	0.626561	0.614643	0.544428	0.568911	0.43318
0.462817	0.5065	0.413088	0.556784	0.467828	0.646508	0.537876	0.667875	0.528657	0.359897
0.568704	0.412304	0.437116	0.742707	0.416844	0.55484	0.547825	0.559261	0.492512	0.448292
0.50227	0.39558	0.482479	0.713901	0.567793	0.734567	0.478562	0.507653	0.60332	0.391888
0.543355	0.519397	0.505585	0.530881	0.484436	0.589221	0.521542	0.645998	0.813324	0.668946
0.496015	0.470607	0.435851	0.342757	0.277276	0.555627	0.446755	0.583765	0.609633	0.61777
0.418493	0.436855	0.41791	0.443518	0.348353	0.566809	0.45731	0.438079	0.387646	0.441931
0.520863	0.365477	0.46457	0.470511	0.36655	0.497419	0.489253	0.527124	0.426371	0.516115
0.441609	0.417449	0.446076	0.515903	0.392063	0.459159	0.431684	0.608844	0.519704	0.408521
0.50508	0.329271	0.512312	0.427011	0.376999	0.401309	0.426384	0.524184	0.314603	0.359374
0.593029	0.378424	0.519144	0.54877	0.416844	0.546267	0.468773	0.568897	0.415779	0.454097
0.606166	0.433858	0.517617	0.718571	0.447456	0.614657	0.396968	0.533813	0.442758	0.443196
0.501571	0.440478	0.401847	0.51664	0.438836	0.496042	0.363301	0.546736	0.553475	0.450218
0.405977	0.379476	0.356417	0.330577	0.33615	0.416494	0.36533	0.413551	0.506611	0.334516
0.376702	0.319065	0.238318	0.361434	0.337597	0.380273	0.358268	0.47115	0.359689	0.462622
0.458998	0.396675	0.37523	0.536248	0.369658	0.47985	0.331116	0.360688	0.336803	0.459981
0.496706	0.333043	0.343461	0.422238	0.398682	0.481176	0.318607	0.420419	0.379015	0.425817
0.393811	0.448434	0.480375	0.409378	0.45246	0.357202	0.368392	0.469855	0.427564	0.492784
0.614244	0.53873	0.510058	0.404794	0.398682	0.386104	0.37771	0.525651	0.463666	0.471993
0.514337	0.426162	0.436483	0.400258	0.35989	0.529614	0.446755	0.536066	0.308203	0.381326
0.541053	0.435054	0.460541	0.474508	0.398682	0.538618	0.441875	0.44352	0.327692	0.427646
0.618797	0.422074	0.506328	0.60102	0.522636	0.55484	0.584138	0.578752	0.382232	0.507218
0.591307	0.612297	0.578055	0.440414	0.57524	0.373481	0.456055	0.550612	0.347102	0.367277
0.573626	0.56056	0.507071	0.327704	0.4968	0.311734	0.315423	0.436879	0.370552	0.485045
0.576108	0.608709	0.592307	0.469848	0.602806	0.51501	0.427556	0.504142	0.44524	0.431944
0.680678	0.606926	0.633103	0.475178	0.530094	0.603951	0.398612	0.441094	0.425181	0.522909
0.464739	0.439872	0.578932	0.492963	0.591396	0.718211	0.475274	0.582088	0.409432	0.472671
0.638461	0.616824	0.75917	0.436717	0.57524	0.552485	0.594357	0.658792	0.554274	0.537611
0.908622	0.585235	0.767223	0.384201	0.509526	0.548588	0.531865	0.495142	0.432368	0.413815
0.845618	0.619563	0.780985	0.352248	0.633194	0.692611	0.603061	0.513332	0.400923	0.399266
0.726271	0.626022	0.668313	0.47652	0.661775	0.659332	0.513599	0.557675	0.42876	0.621573
0.587883	0.763805	0.634099	0.514434	0.644794	0.449172	0.410862	0.600905	0.593583	0.540771
0.598236	0.618648	0.648286	0.500713	0.474395	0.575801	0.622846	0.648917	0.605115	0.664707
0.540288	0.455909	0.636097	0.646284	0.52116	0.521521	0.658299	0.669919	0.454673	0.525198
0.626184	0.517221	0.847326	0.811113	0.709084	0.46424	0.480547	0.484315	0.443997	0.605635
0.653072	0.646972	0.697306	0.720925	0.734823	0.474584	0.54474	0.720964	0.547923	0.712602
0.372528	0.625094	0.632109	0.467208	0.747046	0.581621	0.735687	0.866015	0.71154	0.619667
0.508617	0.645025	0.537109	0.508604	0.695662	0.582459	0.804028	0.689838	0.71269	0.649169
0.547997	0.426749	0.544346	0.58433	0.69237	0.323124	0.652349	0.541368	0.585775	0.720925
0.633698	0.49811	0.631118	0.502137	0.685861	0.406872	0.556425	0.425058	0.672043	0.903181
0.466669	0.530446	0.537109	0.322485	0.653701	0.483842	0.648428	0.46792	0.553475	0.699838
0.54567	0.612297	0.45128	0.437946	0.667931	0.446098	0.505097	0.596556	0.60332	0.561058
0.631807	0.663882	0.545971	0.483979	0.530094	0.446711	0.671476	0.533813	0.640693	0.62928
0.531964	0.648927	0.546785	0.502851	0.720595	0.408554	0.527411	0.450265	0.542442	0.492074

0.547997	0.652865	0.548419	0.609155	0.773893	0.564388	0.704611	0.549057	0.647577	0.556924
0.542586	0.586082	0.56681	0.70244	0.622827	0.580785	0.808237	0.626097	0.635841	0.726968
0.590448	0.675185	0.486719	0.639382	0.498196	0.47985	0.723916	0.59225	0.908741	0.478127
0.670248	0.780728	0.543536	0.655323	0.524118	0.616467	0.75272	0.416399	0.681586	0.447651
0.522327	0.848082	0.543536	0.784353	0.513852	0.51934	0.574977	0.359182	0.652561	0.495632
0.791969	0.798337	0.584233	0.708133	0.482409	0.594363	0.608368	0.355689	0.65862	0.632206
0.741788	0.727098	0.704281	0.970839	0.593132	0.742981	0.764034	0.562449	0.786579	0.554462
0.687058	0.555789	0.596859	0.74395	0.69019	0.727482	0.696905	0.627024	0.811875	0.560228
0.684921	0.627886	0.420341	0.71623	0.423266	0.570873	0.527411	0.51764	0.541665	0.541565
0.787896	0.680422	0.474812	0.57243	0.465877	0.520065	0.525201	0.565661	0.597982	0.55039
0.833444	0.650892	0.557517	0.616517	0.546186	0.797209	0.795729	0.754495	0.725546	0.581467
0.880972	0.56136	0.606107	0.557593	0.415686	0.821241	0.909398	0.792188	0.631999	0.485742
0.666145	0.448434	0.503366	0.490179	0.543075	0.814034	0.598687	0.674037	0.50021	0.577998
0.752864	0.514336	0.539508	0.811113	0.801103	0.856027	0.64165	0.641176	0.50518	0.496348
0.771977	0.639236	0.67593	0.863546	0.69237	0.797209	0.667378	0.764571	0.574739	0.684117
0.66107	0.455281	0.83607	0.773562	0.512405	0.883657	0.627471	0.756992	0.816238	0.659465
0.779863	0.432665	0.739669	0.632588	0.554064	0.842081	0.572512	0.769698	0.744953	0.740568
0.642309	0.514336	0.738399	0.684709	0.858029	0.824157	0.54244	0.660794	0.636807	0.821814
0.50508	0.649908	0.937528	0.557593	0.627509	0.646508	0.570876	0.533813	0.629139	0.864754
0.783861	0.709847	0.850597	0.553561	0.563709	0.638801	0.565199	0.854892	0.665796	0.78274
0.672314	0.492605	0.629142	0.498586	0.71943	0.890422	0.725079	0.872501	0.644613	0.500663
0.612436	0.629757	0.667235	0.638405	0.806756	0.72051	0.758969	0.90295	0.590095	0.478814
0.688131	0.586931	0.831334	0.656339	0.641865	0.492618	0.576629	0.745866	0.649564	0.740568
0.520863	0.524518	0.653467	0.456805	0.569437	0.666397	0.496071	0.648917	0.583203	0.812822
0.679623	0.626022	0.51838	0.490874	0.734823	0.964587	0.80965	0.87743	0.42876	0.605635
0.576108	0.759991	0.550059	0.527088	0.790013	0.769249	1.02263	0.790833	0.532442	0.744352
0.477774	0.473215	0.630129	0.59568	0.64873	0.653366	0.766588	0.456488	0.427564	0.812822
0.555053	0.415155	0.680344	0.578339	0.671042	0.603951	0.674574	0.537574	0.516027	0.687439
0.782525	0.512901	0.642149	0.671871	0.759623	0.49673	0.578286	0.706235	0.708108	0.700983
0.735754	0.813816	0.51838	0.625898	0.834659	0.507887	0.64551	0.634514	0.585775	0.695288
0.520133	0.657838	0.567665	0.666631	0.738454	0.544727	0.681891	0.63263	0.714999	0.672153
0.54567	0.664897	0.618433	0.695706	0.613612	0.567619	0.794361	0.684507	0.792074	0.60748
0.671279	0.829867	0.474812	0.5196	0.632241	0.45289	0.73094	0.813049	0.80045	0.382977
0.633698	0.720115	0.511559	0.633552	0.754549	0.668437	0.749013	0.546736	0.619741	0.481572
0.659056	0.699815	0.555017	0.908401	0.987624	0.747863	0.77565	0.466635	0.705835	0.612127
0.528232	0.520854	0.540311	0.822893	0.791384	0.978976	0.63027	0.705122	0.96464	0.612127
0.446507	0.702025	0.603312	0.670818	0.519688	0.793103	0.507207	0.69415	0.916037	0.62928
0.513618	0.801111	0.712563	0.649276	0.506665	0.690455	0.715863	0.756992	0.803278	0.632206
0.678572	0.663882	0.5887	0.98796	0.623759	0.705779	0.720447	0.720964	0.727925	0.586722
0.896308	0.541017	0.534723	0.902982	0.752033	0.715924	0.758969	0.777503	0.742479	0.446374
0.677522	0.627886	0.555017	0.715064	0.740891	0.785005	0.669422	0.894275	0.889288	0.639111
0.76423	0.756211	0.798097	0.647279	0.555657	0.787688	0.665344	0.772284	0.662706	0.753312
0.867781	0.665915	0.716161	0.811113	0.524118	0.811184	0.531119	0.724435	0.500916	0.481572
0.901542	0.513618	0.966547	1.282577	0.907122	0.799968	0.554063	0.545965	0.672043	0.543954
0.692448	0.552637	0.98853	0.908401	0.81975	0.596091	0.632146	0.769698	0.54635	0.458011
0.757879	0.77545	0.927617	0.652289	0.871027	0.57995	0.875184	1.052004	0.574739	0.554462
1.031543	0.647949	0.625217	0.496469	0.662795	0.868811	0.813914	0.969068	0.519704	0.696421

0.901542	0.514336	0.716161	0.451695	0.58197	0.942897	0.695815	0.826064	0.609633	0.653258
0.567076	0.674145	0.964409	0.678243	0.65873	0.709135	0.545509	0.723275	0.549502	0.791125
0.429009	0.542549	0.723448	0.616517	0.840769	0.587521	0.583297	0.839481	0.597099	0.739314
0.594758	0.532689	0.80543	0.656339	0.893015	0.618285	0.78224	0.820232	0.627243	1.012691
0.66208	0.477156	0.763178	0.482614	0.701204	0.757796	0.697998	0.675073	0.608725	0.951421
0.531215	0.672073	0.737133	0.406507	0.567793	0.663355	0.648428	0.671973	0.459789	0.91428
0.472513	0.572722	0.659768	0.511509	0.709084	0.628422	0.845002	0.867627	0.443997	0.631228
0.527489	0.562966	0.322043	0.554364	0.698979	0.570057	0.819667	0.869246	0.423995	0.479501
0.713561	0.747516	0.578932	0.695706	0.68802	0.576627	0.895387	0.674037	0.584916	0.664707
0.513618	0.606037	0.716161	0.524828	0.795523	0.569243	0.629335	0.513332	0.371601	0.539188
0.361759	0.636371	0.74996	0.689075	0.698979	0.563585	0.517192	0.554522	0.513108	0.832545
0.446507	0.682535	0.591403	0.768265	0.589667	0.550143	0.5486	0.617839	0.727925	0.901359
0.351745	0.724758	0.523759	0.626848	0.555657	0.432229	0.672506	0.607954	0.765267	0.74945
0.411054	0.547176	0.420341	0.475848	0.55486	0.470676	0.845002	0.649895	0.686979	0.522909
0.543355	0.639236	0.380202	0.510054	0.70009	0.386638	0.66636	0.669919	0.547923	0.652232
0.542586	0.60162	0.582459	0.680387	0.667931	0.419942	0.826966	0.704012	0.656591	0.604716
0.539525	0.502284	0.507071	0.645291	0.546186	0.601315	0.755209	0.602656	0.593583	0.476756
0.549555	0.501586	0.412489	0.424618	0.559664	0.843609	0.784905	0.686631	0.74869	0.431327
0.40992	0.502984	0.374681	0.514434	0.504532	0.623785	0.611046	0.47115	0.50021	0.437533
0.495326	0.455909	0.41489	0.600125	0.417424	0.437603	0.400813	0.452122	0.654571	0.446374
0.536484	0.652865	0.450626	0.57411	0.503116	0.517891	0.441875	0.427983	0.727925	0.551202
0.601743	0.456538	0.467278	0.481252	0.430981	0.461058	0.453555	0.432112	0.63009	0.465946
0.596494	0.425576	0.488142	0.481932	0.383391	0.461058	0.443698	0.616025	0.513836	0.492784
0.576939	0.513618	0.510058	0.532408	0.369658	0.489222	0.452311	0.473751	0.446485	0.510164
0.634646	0.53344	0.511559	0.606427	0.394258	0.512861	0.412559	0.524917	0.425775	0.375869
0.544897	0.493289	0.537907	0.483979	0.43158	0.539377	0.449833	0.505543	0.43056	0.282969
0.581956	0.431476	0.498962	0.534708	0.527843	0.55484	0.314969	0.492409	0.468233	0.452153
0.620632	0.445357	0.552531	0.444142	0.554064	0.639757	0.364822	0.558467	0.41346	0.502111
0.771977	0.582704	0.552531	0.398569	0.568614	0.681935	0.503696	0.48165	0.373179	0.525198
0.773281	0.645025	0.659768	0.52936	0.518955	0.665381	0.45731	0.644063	0.495994	0.558573
0.465381	0.491922	0.705455	0.5196	0.568614	0.616467	0.697998	0.895996	0.648569	0.492074
0.687058	0.53873	0.683684	0.60102	0.661775	0.556417	0.574977	0.71524	0.526401	0.570293
1.268	0.646972	0.975207	0.665591	0.745808	0.872066	0.63027	0.602656	0.547136	0.572846
1.506774	0.911386	0.929581	0.683625	0.88613	0.860777	0.550154	0.663814	0.479529	0.707917
1.32927	1.148864	0.981818	0.665591	0.796911	0.929638	0.784905	0.648917	0.507328	0.610262
1.033917	0.937248	0.862241	0.799644	0.96452	0.742981	0.995758	0.994271	0.669951	0.812822
1.251973	0.89901	1.801895	1.516168	1.556551	0.675653	0.9313	0.971113	0.979284	1.073107
0.876428	0.887719	0.902295	1.3844	1.403219	0.787688	0.837395	1.197302	1.284333	1.67951
0.923441	0.90558	1.012553	1.119527	1.36558	0.812542	1.319064	1.222159	0.880726	1.284636
1.315394	1.474892	1.366851	1.143836	0.559763	1.009982	1.214791	1.302188	0.763969	1.701901
1.306383	0.952749	0.595618	0	0.279882	1.207423	1.865424	0.913593	1.339194	1.431132
1.074736	0.238487	0	0	0	2.224739	2.694728	1.453017	2.5799	3.376303
0.476974	0	0	0	0	0	0	1.631666	2.109618	1.959966
0.990945	0.73396	0.864259	0.994558	0	0	0	0	1.810315	1.406196
1.117694	1.027941	1.170753	1.196962	0.900049	0.40277	0	0	0	1.249545
1.657452	0.83435	2.027674	1.183857	2.490794	0.80554	1.166454	0	0	2.33491
0.970241	1.396982	1.163799	1.490342	1.572843	1.203901	1.404693	0.300975	0.150488	0.95947

1.024641	1.174284	1.490714	1.153315	1.48997	1.767705	0.60195	0.787709	1.517435	0.892757
1.07904	1.269527	1.469729	0.885394	2.078791	1.344985	0.973468	1.022419	1.07137	0.513207
1.628424	0.922282	1.283737	1.467445	1.2	1.645343	1.207117	1.422987	0.133656	0.100242
1.499758	0.873621	1.377764	1.33075	1.451579	1.069249	1.357269	0.267312	0.066828	0.116949
1.30017	2.333592	1.119067	1.435712	1.85503	2.61538	0.534624	0.400968	0.16707	0.14201
1.494528	1.702645	1.418274	0.723292	0.956414	1.261004	1.104094	0.970811	1.036026	0.15454
1.619164	1.273637	1.032163	1.019648	1.050164	1.471845	2.296788	0.947183	0.994439	0.574489
1.699446	1.044678	1.025905	1.029034	1.028252	0.89213	1.063792	1.276594	1.205954	1.002734
1.363099	1.237974	1.035292	1.02747	1.456963	0.966614	0.521542	2.125687	1.502986	1.867773
2.488762	1.488224	1.686599	0.942412	0.97278	1.343345	0.757712	1.794148	1.396407	1.388414
1.3686	1.077583	0.98853	0.609155	1.193491	2.12636	1.589218	1.104442	0.652561	1.13079
1.297556	0.985517	0.931554	0.928867	1.4383	0.814034	1.123602	1.08536	0.718487	1.223251
1.070268	0.841925	1.938733	1.538848	2.106252	1.264003	0.966374	1.22953	1.675117	1.088579
0.996198	2.505907	1.269961	0.99678	1.021251	1.319813	0.871906	1.550176	1.615964	1.022237
1.005951	1.001075	1.643777	0.908401	1.496884	1.168664	1.819667	1.264507	0.94651	1.133886
1.179665	0.94493	0.964409	1.66389	0.903715	1.049139	1.288188	1.240826	0.578951	1.510016
1.089738	0.67832	0.879436	0.439718	0.901372	0.899029	0.960328	1.45928	1.066141	2.054084
0.900273	0.916799	1.27931	0.861872	0.880451	1.373377	0.91839	2.304126	1.301861	2.33491
1.095691	1.31724	2.139648	0.844309	0.910721	0.914556	1.145884	1.224294	1.407671	1.805177
1.944694	1.355171	1.59558	0.78163	1.376006	2.046201	1.146726	1.919815	0.761385	1.054601
1.219611	1.16464	1.449712	1.730906	1.40784	1.10685	1.147569	1.730802	1.058414	2.245969
1.14914	1.133641	1.864947	1.439673	1.418737	1.70779	0.978725	1.608346	1.985542	1.136727
1.082758	3.23103	1.73411	1.429635	1.100284	1.358102	1.029616	1.013132	2.379614	1.091816
0.94482	1.013789	1.386038	1.342441	0.884426	1.041463	0.514808	0.976568	0.996648	1.046905
0.47241	1.455633	1.20065	1.179652	1.053309	1.808071	0.707698	0.928539	0.956489	1.565063
0.825048	1.177687	1.221648	0.926966	0.990138	1.665178	0.900589	0.914564	1.174826	0.478244
1.001367	1.365252	0.821762	0.795461	0.861214	0.880901	0.749013	2.155985	0	0
0.975095	0.716558	0.76916	0.782311	1.36558	0.374507	0.187253	0	0	0
0.484294	0.948822	0.742859	1.090937	0	0	0	0	0	1.884941
0.279535	0.893812	0.37143	0	0	0	1.176214	0	1.293008	0
0.177155	0	0	0	0	0	1.367369	0	0	0
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0.352962	1.39153	0	0	0	0	0	0	0	2.054084
1.411849	1.303553	2.290915	0.596533	3.170937	0	1.694728	0	0	0
1.423369	1.220312	1.193066	1.683767	2.167007	1.044651	0.522325	1.957869	0	0
1.137072	1.165819	1.200527	2.815434	0.583668	1.505633	0.439315	0.198905	0.248631	2.109131
1.037553	1.194566	1.206488	1.367857	0.910721	0.356304	0.39781	0.298357	0.669092	1.215685
1.098553	1.146559	1.200527	1.2869	0.12894	0.274857	0.80683	1.039827	0.854459	2.598152
1.228989	1.031521	1.848305	0.25788	0.19341	0.298604	1.556425	1.15149	0.947143	0.236786
0.964489	1.034116	0.51576	0.25788	0.32235	2.352139	1.045279	1.808007	0.473571	0
1.036711	2.383798	0.25788	0.38682	0.927298	0.939068	0.992173	0.978897	0.726234	0.236786
1.147568	1.396982	0.716581	0.821939	1.160149	0.933183	0.96562	1.590916	0.913624	1.510016
1.202996	1.175282	1.6337	1.308556	1.456963	1.136123	1.112097	0.640218	1.374721	0.848351
1.567401	1.421821	1.461751	1.481716	3.786361	1.332271	1.791638	1.358401	1.54786	1.658217
1.276242	1.59513	2.172816	1.501681	1.207579	0.851329	1.580785	1.334089	1.33887	1.603039
1.610097	0.846534	1.064745	1.6339	0.685861	1.051602	1.954365	1.343651	1.038159	1.221609

[illegible]

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0.136589	0.068295	0	0	0	0	0	0	0	0
1.183651	0.639033	0.819911	0.66932	1.663717	1.311294	0.536705	0.268353	0.134176	0.067088
0.61501	0.354245	0.51873	1.022451	0.951853	1.232052	1.10053	1.07341	0.996603	0.70655
0.467736	0.354245	0.617764	0.437606	0.43136	0.855811	0.612289	0.818859	0.580169	0.371743
0.577606	0.48139	0.625437	0.45346	0.661763	0.495616	0.55531	0.912546	0.650615	0.669616
0.5424	0.462903	0.482445	0.428364	0.597295	0.435611	0.559437	0.757233	1.234272	1.46346
0.451228	0.490937	0.3883	0.463258	0.553121	0.435002	0.687807	0.65632	1.131659	2.010127
0.46195	0.499291	0.550111	0.480096	0.434422	0.462629	0.691163	0.65632	1.080019	2.333626
0.431735	0.336493	0.66175	0.52567	0.436887	0.475124	0.732372	0.71378	0.660797	0.732239
0.521397	0.394286	0.483839	0.551599	0.733808	0.762416	0.443643	0.665737	0.665979	0.403281
0.587724	0.625666	0.482445	0.427755	0.645475	0.667558	0.417749	0.532833	0.728679	0.519649
0.581793	0.398167	0.416075	0.521118	0.423499	0.576912	0.405359	0.571075	0.56752	0.569602
0.405724	0.379635	0.376141	0.569787	0.546707	0.592365	0.31438	0.532833	0.512192	0.445914
0.368642	0.488874	0.417871	0.435742	0.321901	0.350673	0.530561	0.531278	0.241289	0.334087
0.388671	0.418109	0.632264	0.551599	0.551509	0.453012	0.475259	0.414289	0.401677	0.463693
0.5424	0.339402	0.597336	0.574029	0.420512	0.523043	0.444915	0.518281	0.541708	0.53618
0.304136	0.206377	0.46271	0.460624	0.474975	0.446092	0.344153	0.356638	0.38553	0.418198
0.445656	0.343802	0.354868	0.436362	0.325712	0.135166	0.241187	0.395154	0.334047	0.446536
0.478879	0.448911	0.35435	0.368653	0.524975	0.364931	0.344153	0.505662	0.524812	0.603122
0.586021	0.434143	0.352797	0.342869	0.293893	0.29437	0.299997	0.642066	0.59585	0.57627
0.484224	0.414624	0.397935	0.234047	0.372125	0.403336	0.424991	0.569377	0.523308	0.503724
0.353954	0.383925	0.570943	0.413385	0.455836	0.461334	0.489143	0.50057	0.402245	0.463046
0.474914	0.462903	0.38495	0.441987	0.411092	0.433787	0.413579	0.550315	0.495681	0.725081

0.502063	0.469416	0.39451	0.487018	0.319536	0.396045	0.331213	0.344859	0.419629	0.415289
0.619576	0.537471	0.472806	0.345379	0.137927	0.331562	0.35958	0.487044	0.465744	0.419952
0.445656	0.299909	0.533354	0.336408	0.291233	0.395489	0.306434	0.420859	0.475047	0.328829
0.434724	0.269883	0.369112	0.385444	0.398465	0.307776	0.323919	0.457249	0.388822	0.442814
0.296216	0.315738	0.354868	0.415747	0.497121	0.333484	0.39615	0.389518	0.413757	0.424666
0.334954	0.315278	0.259289	0.480783	0.390061	0.219013	0.310623	0.357157	0.344364	0.496674
0.363521	0.362886	0.325764	0.332479	0.41051	0.319739	0.392182	0.574491	0.403382	0.46891
0.290585	0.32364	0.466049	0.2888	0.361086	0.32443	0.376663	0.433686	0.387172	0.485627
0.440763	0.26086	0.310973	0.295033	0.398465	0.321609	0.407692	0.375198	0.317846	0.383977
0.430545	0.282498	0.339571	0.437606	0.469611	0.410751	0.361679	0.213725	0.376336	0.34628
0.396839	0.317123	0.342084	0.334439	0.32715	0.449224	0.381041	0.391763	0.538586	0.513791
0.41194	0.387713	0.477598	0.366005	0.378022	0.438054	0.391619	0.566001	0.553617	0.482909
0.468384	0.399282	0.448959	0.332479	0.261349	0.389422	0.439848	0.502019	0.440211	0.376489
0.390293	0.303029	0.420278	0.430197	0.371062	0.341257	0.414173	0.443719	0.427384	0.328829
0.440763	0.334565	0.453494	0.513635	0.446259	0.322547	0.447471	0.393455	0.5071	0.491116
0.545486	0.43173	0.530234	0.495473	0.483148	0.46916	0.403617	0.465175	0.509275	0.508728
0.444428	0.404336	0.588359	0.415747	0.610919	0.54208	0.437963	0.452045	0.331144	0.558979
0.474914	0.243357	0.441293	0.340372	0.589321	0.461981	0.593051	0.548696	0.408538	0.491116
0.495115	0.395945	0.554199	0.383241	0.607244	0.510558	0.450042	0.444989	0.426182	0.653266
0.647049	0.607256	0.67348	0.566423	0.580629	0.436831	0.514563	0.569377	0.521062	0.529341
0.486921	0.495791	0.675647	0.506279	0.590199	0.514193	0.523633	0.604662	0.473037	0.666503
0.388132	0.375915	0.462045	0.437606	0.462341	0.50552	0.543159	0.521304	0.533946	0.684446
0.449983	0.415203	0.632264	0.531816	0.602693	0.427763	0.537602	0.476656	0.470371	0.61033
0.62605	0.370657	0.624471	0.447686	0.668032	0.46916	0.544759	0.583149	0.472369	0.509448
0.593737	0.45458	0.546869	0.333948	0.396208	0.387237	0.592156	0.753334	0.597628	0.64828
0.540101	0.542876	0.527908	0.372389	0.321427	0.490747	0.415957	0.532833	0.506377	0.767298
0.540866	0.468105	0.461381	0.437606	0.589321	0.444224	0.492685	0.51304	0.463122	0.649273
0.580953	0.505663	0.618716	0.473282	0.5772	0.496316	0.46848	0.607428	0.554422	0.575431
0.589434	0.437788	0.649306	0.432652	0.474301	0.46916	0.451981	0.520547	0.678673	0.581339
0.407411	0.46355	0.509741	0.268082	0.353879	0.589751	0.458505	0.570225	0.62998	0.692055
0.548593	0.547564	0.439397	0.409282	0.423499	0.426568	0.523633	0.473927	0.479097	0.734651
0.623263	0.497887	0.57009	0.50555	0.557178	0.355205	0.654559	0.455942	0.41434	0.5494
0.641221	0.643909	0.883389	0.454754	0.557995	0.438667	0.616052	0.599183	0.654659	0.672752
0.697825	0.718626	0.599154	0.494053	0.715819	0.394934	0.561933	0.70443	0.555229	0.678028
0.352959	0.518696	0.40081	0.511415	0.765552	0.568558	0.69568	0.503472	0.502067	0.765996
0.374867	0.446414	0.576095	0.531816	0.691824	0.398835	0.66926	0.261872	0.465744	0.720373
0.429952	0.629443	0.575232	0.511415	0.490777	0.43622	0.441109	0.320783	0.503499	0.514519
0.517751	0.747519	0.741184	0.463919	0.524219	0.498423	0.657668	0.577933	0.62237	0.540027
0.407974	0.640004	0.557496	0.539621	0.764237	0.406173	0.616998	0.634127	0.547225	0.554163
0.408539	0.48956	0.452194	0.54041	0.708827	0.452378	0.688923	0.465175	0.522558	0.746919
0.367612	0.419276	0.633248	0.538049	0.697418	0.415377	0.538392	0.410746	0.488001	0.572923
0.483552	0.514308	0.910507	0.670002	0.571265	0.333002	0.475943	0.446902	0.634805	0.566306
0.567718	0.594818	0.645235	0.517361	0.572952	0.571048	0.657668	0.429982	0.570021	0.515248
0.464512	0.722134	0.472806	0.502647	0.586695	0.548352	0.703698	0.414882	0.632869	0.661364
0.450605	0.507808	0.489463	0.599485	0.639522	0.353689	0.652499	0.429982	0.551209	0.74197
0.471636	0.515766	0.587471	0.634292	0.628814	0.447342	0.450687	0.547889	0.664937	0.581339
0.575113	0.654832	0.696793	0.542783	0.599986	0.509835	0.641341	0.638078	0.864777	0.575431

0.566092	0.640977	0.476224	0.594988	0.718175	0.451745	0.673553	0.616776	0.777046	0.526336
0.496495	0.450792	0.494444	0.564751	0.582353	0.469819	0.659753	0.429368	0.467721	0.618584
0.622339	0.499994	0.464042	0.603116	0.53493	0.420642	0.524397	0.350965	0.391584	0.617659
0.572634	0.712841	0.61967	0.594988	0.528014	0.440512	0.478689	0.377915	0.621428	0.393246
0.658946	0.7893	0.6607	0.596781	0.597295	0.480495	0.739846	0.661526	0.698439	0.383437
0.665019	0.654832	0.526365	0.579175	0.599986	0.566083	0.608558	0.526646	0.72508	0.751925
0.585172	0.566017	0.563328	0.656393	0.509362	0.675952	0.637353	0.702124	0.809173	0.837946
0.568533	0.711693	0.647266	0.746554	0.467616	0.50054	0.567811	0.603744	0.59585	0.5494
0.658946	0.698151	0.533354	0.653313	0.505725	0.489366	0.736093	0.575349	0.637726	0.563034
0.653949	0.54835	0.575232	0.764685	0.467616	0.670687	0.847686	0.615832	0.651623	0.539255
0.561249	0.528357	0.585702	0.598582	0.440612	0.509113	0.559437	0.506394	0.748391	0.357808
0.522864	0.577646	0.606502	0.710078	0.406458	0.560363	0.605781	0.516777	0.787953	0.625114
0.672213	0.7893	0.52253	0.513635	0.495703	0.687766	0.556132	0.630211	0.551209	0.58219
0.738111	0.946039	0.611159	0.560598	0.59108	0.714713	0.512325	0.607428	0.526321	0.661364
0.807259	0.611786	0.51873	0.860472	0.727729	0.730039	0.727459	0.499848	0.779747	0.587329
0.623263	0.473371	0.490171	0.689578	0.609078	0.667558	0.743632	0.611143	0.885015	0.663413
0.60513	0.629443	0.610224	0.684051	0.436887	0.623146	0.505679	0.657357	0.886745	0.842574
0.866246	0.824991	0.759239	0.770007	0.544326	0.602087	0.498412	0.627296	0.630941	0.692055
0.848782	0.790673	0.60743	0.81215	0.461032	0.810201	0.83032	0.75463	0.631904	0.471542
0.72975	0.483418	0.443197	0.827158	0.720544	0.750933	0.790427	0.739327	0.673339	0.464342
0.580113	0.570135	0.455453	0.714768	0.785776	0.873812	0.43671	0.533612	0.704093	0.577953
0.522864	0.652825	0.638203	0.62365	0.59551	0.727646	0.42621	0.531278	0.549611	0.539255
0.755334	0.70487	0.605577	0.609545	0.454547	0.711252	0.560267	0.762488	0.686254	0.702038
0.761654	0.632298	0.66175	0.713591	0.611843	0.814552	0.784817	0.90698	0.688444	0.442814
0.826045	0.542876	0.637207	0.6422	0.6505	0.650242	0.692288	0.81586	0.770365	0.490426
0.708959	0.496488	0.734914	0.569787	0.589321	0.731241	0.417749	0.615832	0.748391	0.663413
0.682702	0.53289	0.790635	0.572327	0.471614	0.616628	0.429272	0.560156	0.493573	0.682296
0.732122	0.515036	0.600979	0.596781	0.518961	0.594117	0.488438	0.599183	0.504217	0.569602
0.812953	0.526857	0.646249	0.659496	0.648483	0.699909	0.58594	0.720927	0.549611	0.433645
0.555666	0.630393	0.764539	0.813628	0.772189	0.572715	0.421355	0.873297	0.589685	0.50801
0.49788	0.58529	0.968286	0.575737	0.720544	0.652244	0.662899	0.945507	0.812082	0.777857
0.587724	0.594818	0.767213	0.415747	0.548302	0.800214	0.703698	0.744368	0.568352	0.873087
0.713494	0.54835	0.746267	0.450243	0.60633	0.721719	0.634386	0.633144	0.445826	0.745676
0.726215	0.615444	0.737411	0.678594	0.669085	0.615704	0.484233	0.695277	0.583605	0.883186
0.463229	0.597454	0.651355	0.541199	0.640508	0.567732	0.703698	0.77184	0.735967	0.864847
0.590291	0.678599	0.653414	0.516613	0.778929	0.553916	0.79326	0.834175	0.734743	0.758264
0.817273	0.625666	0.550111	0.480783	0.629777	0.604776	0.796111	0.638078	0.516604	0.621371
0.718077	0.594818	0.771256	0.50774	0.567074	0.657289	0.700244	0.632164	0.56752	0.733443
0.493738	0.550718	0.866207	0.901964	0.785776	0.572715	0.677889	1.012924	0.765094	0.905907
0.519935	0.607256	0.680014	0.783605	0.770854	0.468503	0.522108	0.854928	0.677601	0.85198
0.491682	0.600993	0.626406	0.579175	0.791332	0.731241	0.625605	0.559327	0.421406	0.821388
0.563663	0.422798	0.545257	0.483543	0.818738	0.730039	0.923133	0.744368	0.410271	0.696464
0.449983	0.486137	0.737411	0.603116	0.778929	0.58629	0.636362	0.71378	0.469707	0.743202
0.511264	0.569308	0.713061	0.54517	0.712309	0.485933	0.511582	0.744368	0.647607	0.837946
0.588578	0.636134	0.523295	0.496185	0.587568	0.575228	0.564442	0.639072	0.698439	0.70655
0.56935	0.553894	0.524827	0.42051	0.366307	0.491439	0.684476	0.520547	0.660797	0.66444
0.451228	0.538239	0.693385	0.484236	0.526492	0.515655	0.633402	0.540692	0.57761	0.602229

0.448743	0.683943	0.677825	0.594988	0.661763	0.478473	0.563604	0.645082	0.560922	0.637509
0.513416	0.773157	0.665979	0.687359	0.690714	0.5336	0.653528	0.792584	0.695082	0.737077
0.451851	0.650828	0.475538	0.637241	0.567909	0.563622	0.671401	0.635111	0.657717	0.594277
0.417093	0.505663	0.580435	0.6422	0.632677	0.599414	0.637353	0.381749	0.512924	0.583896
0.524336	0.633254	0.54285	0.633314	0.708827	0.544421	0.471179	0.3329	0.473706	0.602229
0.621416	0.725671	0.613036	0.784989	0.669085	0.539751	0.764401	0.374657	0.59056	0.530096
0.61683	0.700379	0.397363	0.762048	0.611843	0.576069	0.76043	0.493399	0.695082	0.530096
0.470984	0.62006	0.433759	0.644199	0.6712	0.704411	0.818114	0.848436	0.891976	0.523351
0.396839	0.565199	0.472125	0.628455	0.655583	0.772884	0.602106	0.547084	0.651623	0.60045
0.495804	0.711693	0.57009	0.649238	0.531843	0.636483	0.646377	0.405486	0.72508	0.614896
0.691279	0.908394	0.658606	0.645202	0.297913	0.559552	0.80624	0.49127	0.572536	0.515248
0.642187	0.711693	0.67025	0.602206	0.228389	0.520813	0.521347	0.430597	0.440211	0.593403
0.651967	0.639033	0.454146	0.580904	0.500685	0.737299	0.424383	0.57707	0.559288	0.577111
0.586872	0.69373	0.406618	0.734052	0.818738	0.859028	0.651473	0.555208	0.623314	0.679091
0.60513	0.587007	0.548487	0.694051	0.625939	0.682356	0.533677	0.650154	0.789336	0.622304
0.735706	0.670184	0.743718	0.801945	0.593733	0.662393	0.568658	0.834175	0.834546	0.512338
0.787897	0.631344	0.532571	0.578313	0.637555	0.621273	0.287404	0.752042	0.641651	0.564667
0.844138	0.573457	0.46271	0.438853	0.485907	0.669642	0.283871	0.489857	0.492173	0.613979
0.588578	0.575966	0.649306	0.65229	0.604508	0.705544	0.467808	0.501294	0.573377	0.589056
0.494426	0.524616	0.697935	0.784989	0.753855	1.188557	0.739846	0.648118	0.659768	0.546253
0.77066	0.556292	0.677825	0.565586	0.579769	0.779557	0.697956	0.910683	0.735967	0.484946
0.944107	0.601882	0.561654	0.557304	0.5772	0.545205	0.387691	0.802614	0.647607	0.556565
0.718077	0.56766	0.556669	0.715949	0.607244	0.654255	0.482146	0.636098	0.59056	0.579643
0.646072	0.574292	0.711878	0.772693	0.460379	0.596757	0.630462	0.696411	0.720328	0.705418
0.567718	0.452051	0.655483	0.678594	0.521958	0.807324	0.618896	0.726974	0.734743	0.603122
0.794713	0.386627	0.479669	0.461939	0.533383	0.626915	0.443643	0.71615	0.723887	0.68337
0.711221	0.398167	0.381626	0.476676	0.622135	0.573551	0.40945	0.5399	0.504936	0.760826
0.622339	0.437788	0.564167	0.649238	0.614626	0.560363	0.552852	0.555208	0.603909	0.753185
0.793341	0.5421	0.676735	0.711246	0.442486	0.562805	0.471179	0.731873	0.655676	0.65831
0.766777	0.608158	0.70835	0.492637	0.488683	0.789074	0.593051	0.691894	0.645612	0.58219
0.643155	0.544433	0.611159	0.535701	0.59551	0.885668	0.658709	0.695277	0.373668	0.45218
0.57844	0.490937	0.574371	0.604029	0.582353	0.678077	0.566967	0.688537	0.434667	0.479535
0.872775	0.643909	0.588359	0.661577	0.558812	0.543639	0.378847	0.520547	0.496386	0.596032
0.7852	0.724489	0.696793	0.710078	0.566241	0.674894	0.494824	0.676445	0.480455	0.57627
0.736907	0.442696	0.763208	0.55079	0.602693	0.820422	0.729909	0.86821	0.659768	0.55257
0.851905	0.518696	0.583939	0.536482	0.59551	0.673839	0.634386	0.801167	0.491475	0.504436
0.882756	0.640977	0.617764	0.484236	0.627854	0.622208	0.469153	0.685205	0.593197	0.755717
0.730934	0.538239	0.570943	0.487018	0.485215	0.655264	0.452629	0.814368	0.723887	0.6998
0.594603	0.521646	0.636214	0.473282	0.495703	0.643308	0.391055	0.543078	0.628065	0.547823
0.558848	0.476027	0.67348	0.419912	0.411675	0.824878	0.552036	0.564323	0.53088	0.452812
0.574285	0.515766	0.545257	0.412796	0.446891	0.757275	0.593051	0.791169	0.519571	0.538484
0.620495	0.590461	0.499484	0.691809	0.552314	0.610206	0.626572	0.690772	0.670169	0.744437
0.704471	0.54835	0.59643	0.800506	0.545912	0.613864	0.411215	0.820367	0.956136	0.897027
0.72739	0.652825	0.843241	0.52567	0.610919	0.789074	0.474576	0.75593	0.688444	0.771227
0.778531	0.476694	0.614921	0.35557	0.487293	0.696564	0.463131	0.653226	0.469707	0.780538
0.742963	0.529109	0.594623	0.58351	0.518961	0.571881	0.49411	0.547084	0.472369	0.631744
0.771962	0.535174	0.709523	0.760735	0.616491	0.602982	0.510098	0.536745	0.614891	0.812615

0.68697	0.517961	0.606502	0.54041	0.457778	0.625969	0.375033	0.695277	0.673339	0.785949
0.688043	0.606356	0.790635	0.504823	0.497121	0.699909	0.476627	0.627296	0.583605	0.726265
0.506993	0.518696	0.741184	0.50555	0.414014	0.652244	0.617946	0.812881	0.461166	0.762113
0.548593	0.359307	0.675647	0.556484	0.636575	0.66652	0.542361	0.799724	0.548814	0.669616
0.587724	0.404336	0.594623	0.72672	0.714646	0.731241	0.446191	0.835736	0.771693	0.767298
0.712356	0.66707	0.67025	0.585256	0.585823	0.768929	0.529786	0.81586	0.652632	0.614896
0.786547	0.526857	0.627377	0.560598	0.580629	0.752194	0.570355	0.817357	0.650615	0.81117
0.659952	0.470072	0.538868	0.584382	0.636575	0.529044	0.577213	0.600091	0.554422	0.815519
0.824571	0.590461	0.62835	0.690692	0.626895	0.54208	0.387133	0.581403	0.587939	0.698685
1.109592	0.715146	0.66175	0.608621	0.521958	0.539751	0.320078	0.617722	0.612119	0.765996
0.787897	0.428135	0.709523	0.401763	0.513029	0.757275	0.612289	0.673205	0.631904	0.723899
0.634518	0.452682	0.650329	0.50774	0.55393	0.797402	0.739846	0.881911	0.490082	0.853568
0.576773	0.414046	0.601895	0.647216	0.697418	0.753459	0.650449	0.832619	0.521062	0.617659
0.751585	0.507092	0.739923	0.736524	0.602693	0.778214	0.619848	0.817357	0.461166	0.671704
0.672213	0.476694	0.734914	0.506279	0.501402	0.855811	0.622717	0.791169	0.621428	0.751925
0.692364	0.499291	0.715435	0.48493	0.604508	0.76371	0.631439	0.596469	0.4825	0.716876
0.589434	0.542876	0.558325	0.418718	0.477682	0.576069	0.568658	0.71025	0.497799	0.596032
0.672213	0.408308	0.684426	0.581771	0.586695	0.628811	0.423169	0.553571	0.512192	0.713407
0.69454	0.404902	0.739923	0.670002	0.556364	0.571048	0.329256	0.696411	0.613041	0.751925
0.691279	0.717463	0.809438	0.633314	0.544326	0.612947	0.492685	0.689653	0.55201	0.694254
0.580953	0.612697	0.775336	0.645202	0.718175	0.794608	0.76043	0.750753	0.546432	0.756989
0.500664	0.399841	0.624471	0.524148	0.798378	0.742208	0.736093	0.792584	0.767722	0.895272
0.778531	0.515766	0.835324	0.523388	0.721733	0.441746	0.510839	0.878445	0.888481	0.85198
0.793341	0.578489	0.695654	0.476676	0.699676	0.591492	0.60028	0.985572	0.645612	0.594277
0.598959	0.549927	0.517218	0.348411	0.620246	0.757275	0.62464	0.700975	0.57422	0.734651
0.449983	0.445792	0.3883	0.478041	0.593733	0.643308	0.715416	0.591092	0.473037	0.897027
0.587724	0.519431	0.580435	0.457353	0.751298	0.582856	0.720194	0.518281	0.455992	0.66444
0.742963	0.600105	0.715435	0.404639	0.538039	0.53513	0.57206	0.608353	0.528594	0.661364
0.756591	0.560318	0.6607	0.488416	0.646475	0.601194	0.594847	0.695277	0.507824	0.628891
0.682702	0.679663	0.50385	0.531043	0.678685	0.757275	0.665009	0.550315	0.493573	0.734651
0.484897	0.443314	0.591927	0.657425	0.856029	0.714713	0.721396	0.528956	0.45279	0.644332
0.60513	0.515766	0.901278	0.71951	0.835433	0.616628	0.636362	0.599183	0.50064	0.672752
0.811522	0.680729	0.914254	0.610471	0.625939	0.492827	0.58594	0.740582	0.647607	0.834888
0.649993	0.597454	0.66386	0.537265	0.697418	0.588017	0.690041	0.7126	0.464431	0.929883
0.526553	0.62099	0.582183	0.490521	0.657633	0.599414	0.772452	0.593772	0.554422	0.895272
0.553296	0.579333	0.575232	0.495473	0.818738	0.47982	0.816612	0.568531	0.675465	0.763403
0.449983	0.549927	0.621584	0.511415	0.738734	0.589751	0.721396	0.650154	0.823918	0.712256
0.642187	0.58358	0.586585	0.517361	0.652526	0.440512	0.733609	0.735584	0.668069	0.721545
0.930748	0.903019	0.601895	0.559772	0.724121	0.475792	0.742366	0.573634	0.623314	0.615815
0.660961	0.854223	0.772612	0.83955	0.645475	0.56199	0.773809	0.50057	0.56669	0.790052
0.615919	0.846338	0.874713	0.885936	0.658662	0.597641	0.633402	0.616776	0.657717	0.62044
0.474914	0.746276	0.729961	0.682954	0.752575	0.536665	0.702544	0.491979	0.839181	0.613979
0.484897	0.777137	0.519487	0.553221	0.78029	0.631672	0.828776	0.561818	0.709822	0.583896
0.651967	0.7438	0.430658	0.672134	0.777573	0.800214	0.707181	0.528185	0.831482	0.636543
0.649993	0.769214	0.805026	0.818091	0.624985	0.791833	0.527468	0.586661	0.876467	0.589056
0.609593	0.953975	0.894034	0.775395	0.457778	0.596757	0.515312	0.686313	0.723887	0.428236
0.641221	0.964105	0.757924	0.771348	0.642488	0.62034	0.741104	0.724545	0.855001	0.493886

0.647049	0.847903	0.499484	0.778115	0.918756	0.857417	0.794683	0.623441	0.954108	0.6327
0.610491	0.569308	0.463376	0.700847	0.641497	1.048302	0.783426	0.78976	0.868085	0.64828
0.589434	0.659889	0.669178	0.943828	0.565409	0.782255	0.561933	0.668922	0.657717	0.644332
0.561249	0.724489	0.697935	0.830223	0.659693	0.695454	0.79326	0.770491	0.687347	0.740742
0.504169	0.699264	0.521006	0.732821	0.377482	0.72408	0.691163	0.827984	0.757305	0.537715
0.742963	0.653827	0.593723	0.797643	0.516727	0.628811	0.547979	0.638078	0.834546	0.520387
0.762929	0.661929	0.721429	0.752943	0.624985	0.827874	0.561099	0.86821	0.913555	0.616736
0.732122	0.541325	0.747547	0.714768	0.561274	0.678077	0.480759	0.740582	0.669118	0.572923
0.850341	0.462903	0.559154	0.717132	0.586695	0.594117	0.458505	0.736828	0.606628	0.521126
1.03664	0.588731	0.656522	0.943828	0.609997	0.720544	0.373949	0.528185	0.721511	0.628891
0.531022	0.700379	0.856215	0.83955	0.675461	0.780904	0.511582	0.735584	0.989957	0.847252
0.497187	0.669143	0.964045	0.686254	0.701945	0.767618	0.482146	0.880175	0.813544	0.888325
0.965968	0.581027	0.597336	0.678594	0.765552	0.92519	0.548787	0.866527	0.626158	0.794194
0.991141	0.661929	0.550111	0.569787	0.736264	0.968672	0.597555	0.738076	0.60572	0.611239
0.684831	0.719792	1.096218	0.793384	0.663842	0.698791	0.516062	0.66048	0.401677	0.689867
0.677426	0.69373	1.07664	0.813628	0.741218	0.613864	0.611353	0.762488	0.588811	0.679091
0.853475	0.699264	0.91614	0.535701	0.550705	0.720544	0.80187	1.001317	0.964348	1.064381
0.833492	0.622854	0.815392	0.590537	0.53882	0.703281	0.686693	0.801167	0.855001	0.756989
0.803037	0.797602	1.073913	0.674277	0.718175	0.798806	0.628512	0.785558	0.765094	0.904116
0.62605	0.690443	0.864526	0.786377	0.833889	0.485933	0.767068	0.994499	0.749654	0.845687
0.646072	0.650828	0.919936	0.657425	0.835433	0.460688	0.587707	0.749469	0.752189	0.886605
0.833492	0.689353	0.844841	0.621742	0.751298	0.712402	0.787613	0.71025	0.629022	0.696464
0.867869	0.668105	0.644224	0.538049	0.8401	0.579449	0.783426	0.691894	0.480455	0.764697
0.613197	0.843223	0.826011	0.772693	0.791332	0.538205	0.902551	0.863181	0.618614	1.004147
0.726215	0.868788	0.818399	0.831764	0.656607	0.509113	0.772452	0.937523	1.029035	0.861594
0.735706	0.786568	0.638203	0.584382	0.553121	0.455555	0.57206	0.615832	0.994376	0.585609
0.595471	0.628496	0.632264	0.561425	0.949835	0.72408	0.733609	0.603744	0.809173	0.78459
0.702245	0.885566	0.743718	0.585256	0.750025	0.58457	0.794683	0.927746	0.881576	0.708823
0.652957	0.948009	0.819911	0.653313	0.684111	0.639395	0.963256	0.859861	0.792115	0.805437
0.685899	0.974476	0.664918	0.617953	0.579769	0.661368	1.021656	0.840455	0.761182	0.796978
0.824571	0.804644	0.57009	0.591424	0.714646	0.782255	0.965362	0.792584	0.752189	0.64828
0.720386	0.817614	0.747547	0.803388	0.947826	0.790451	0.757803	0.826449	0.661828	0.65427
0.684831	0.899472	0.785009	0.857187	0.812823	0.721719	0.973893	0.600091	0.763786	0.689867
0.919615	0.804644	0.857865	1.067836	0.483148	0.671735	0.862429	0.531278	0.891976	0.684446
1.076816	0.663978	0.684426	0.800506	0.607244	0.698791	0.615108	0.540692	0.932394	0.517443
0.777209	0.691536	0.557496	1.029693	0.769522	0.807324	0.566123	0.562652	0.737193	0.584752
0.721546	0.899472	0.598244	1.010642	0.553121	0.755999	0.731139	0.509335	0.837631	0.579643
0.586872	0.769214	0.812405	0.658459	0.332949	0.813097	0.639342	0.675362	0.834546	0.47552
0.787897	0.541325	0.559154	0.485625	0.533383	0.717036	0.765732	0.824921	0.664937	0.619511
0.60691	0.557094	0.632264	0.670002	0.679765	0.536665	0.575488	0.696411	0.592316	0.622304
0.575942	0.705999	0.641203	0.736524	0.588444	0.546775	0.446831	0.534393	0.585333	0.67591
0.670146	0.734037	0.59643	0.574882	0.546707	0.767618	0.563604	0.703275	0.635776	0.612151
0.651967	0.592199	0.655483	0.646208	0.532612	0.737299	0.506413	0.921983	0.766406	0.539255
0.836507	0.523871	0.592824	0.643198	0.624033	0.627862	0.550409	0.929684	0.569185	0.744437
0.697825	0.495094	0.571797	0.604029	0.6874	0.642326	0.338133	0.682999	0.616749	0.702038
0.927005	0.616363	0.706014	0.457353	0.502119	0.623146	0.357492	0.883655	0.717971	0.827336
0.722708	0.668105	0.983465	0.55241	0.503558	0.758554	0.510839	0.728194	0.457925	0.754449

0.689119	0.355757	0.657562	0.566423	0.516727	0.689949	0.647392	0.695277	0.437122	0.765996
0.721546	0.326464	0.644224	0.558948	0.600886	0.626915	0.594847	0.752042	0.496386	1.01324
0.747869	0.370657	0.700228	0.412208	0.6036	0.768929	0.545562	0.730643	0.525566	0.686606
0.692364	0.410022	0.580435	0.538834	0.488683	0.793218	0.603022	0.835736	0.504936	0.819913
0.603358	0.606356	0.763208	0.440731	0.557995	0.770243	0.700244	0.796854	0.613965	0.785949
0.689119	0.484776	0.571797	0.611399	0.652526	0.818947	0.872543	0.785558	0.726276	0.745676
0.762929	0.606356	0.746267	0.700847	0.823228	0.64825	0.643348	0.584902	0.620488	0.62984
0.61683	0.552303	0.878163	0.632338	0.614626	0.469819	0.532116	0.834175	0.642638	0.853568
0.779856	0.643909	0.783614	0.508473	0.756428	0.667558	0.635373	0.89786	0.693969	0.726265
0.77066	0.844778	0.646249	0.488416	0.669085	0.708959	0.707181	0.792584	0.535487	0.897027
0.648028	0.756321	0.695654	0.770007	0.808439	0.490747	0.604859	0.601914	0.632869	0.771227
0.637378	0.609968	0.645235	0.714768	0.798378	0.50552	0.61042	0.51304	0.774361	0.661364
0.787897	0.689353	0.709523	0.472607	0.766872	0.516389	0.614167	0.729417	0.753463	0.589056
0.741745	0.672272	0.613036	0.538049	0.949835	0.514924	0.558609	0.574491	0.533946	0.715716
0.516301	0.551509	0.531012	0.509942	0.735034	0.703281	0.824174	0.415476	0.59852	0.821388
0.361996	0.538239	0.609291	0.717132	0.87765	0.674894	0.733609	0.603744	0.765094	0.6998
0.386519	0.535938	0.841646	0.727933	0.838539	0.5298	0.621759	0.629237	0.747133	0.538484
0.775891	0.800405	0.886908	0.61701	0.789936	0.456833	0.666068	0.681899	0.806283	0.708823
0.662985	0.991604	0.601895	0.687359	0.98331	0.612947	0.656629	0.527415	0.702957	0.806863
0.477554	0.687181	0.50605	0.608621	0.907652	0.740975	0.984798	0.450754	0.661828	0.668576
0.518478	0.552303	0.776705	0.677511	0.600886	0.555519	0.702544	0.51979	0.698439	0.560597
0.78252	0.67332	0.702533	0.482852	0.614626	0.41888	0.605781	0.554388	0.756021	0.670659
0.84568	0.944077	0.486642	0.663668	0.83235	0.592365	0.629486	0.673205	0.728679	0.669616
0.649009	0.716303	0.494444	0.73901	0.904013	0.832407	0.71423	0.45529	0.727476	0.534651
0.610491	0.600993	0.533354	0.804836	0.511558	0.639395	0.513816	0.432448	0.661828	0.626998
0.677426	0.801813	0.821428	0.660536	0.605418	0.552319	0.732372	0.587544	0.92856	0.704288
0.778531	0.934399	0.597336	0.647216	0.578911	0.682356	0.934786	0.718532	0.893734	0.743202
0.472944	0.562751	0.476224	0.713591	0.565409	0.644292	0.83032	0.526646	0.906242	0.785949
0.269992	0.467452	0.70369	0.803388	0.567074	0.654255	0.603022	0.414882	0.92856	0.814065
0.547814	0.651825	0.70835	1.034589	0.643482	0.628811	0.757803	0.548696	0.842299	0.626998
0.642187	0.746276	0.785009	0.930065	0.815771	0.575228	0.881156	0.723336	0.92476	0.589922
0.548593	0.88728	0.646249	0.847478	0.859286	0.86227	0.723811	0.560156	0.840738	0.604016
0.635469	0.807493	0.612097	0.680769	0.630741	0.590621	0.72624	0.582275	0.996603	0.827336
0.493052	0.849475	0.67025	0.694051	0.495703	0.562805	0.52287	0.655286	0.813544	0.864847
0.46195	0.976581	0.760558	0.633314	0.615557	0.622208	0.613227	0.613012	0.909883	0.65427
0.588578	0.761432	0.519487	0.784989	0.566241	0.573551	0.83032	0.674282	0.904433	0.635579
0.704471	0.641952	0.515712	0.779481	0.690714	0.699909	0.875968	0.617722	0.878163	0.616736
0.460039	0.462903	0.554199	0.692928	0.78029	1.090214	0.668193	0.66468	0.895499	0.791428
0.530274	0.726856	0.665979	0.787769	0.43136	0.663421	0.687807	0.653226	0.833011	0.716876
0.656941	0.840131	0.700228	0.803388	0.534156	0.665485	0.543159	0.666796	0.84544	0.573757
0.745409	0.640977	0.506785	0.72551	0.518961	0.762416	0.567811	0.55194	0.665979	0.445914
0.574285	0.650828	0.782223	0.870479	0.540386	0.797402	0.593948	0.571075	0.747133	0.45918
0.584325	0.801813	0.82295	0.825634	0.597295	0.721719	0.48563	0.570225	0.737193	0.676968
0.773268	0.855818	0.711878	0.771348	0.530307	0.566083	0.671401	0.834175	0.640667	0.728645
0.847228	0.737673	0.557496	0.771348	0.526492	0.683433	0.87769	0.777275	0.625208	0.525588
0.836507	0.644891	0.521006	0.887688	0.709984	0.827874	0.731139	0.802614	0.506377	0.45155
0.626983	0.639033	0.600979	0.678594	0.653543	0.9584	0.598461	0.808451	0.789336	0.780538

0.667063	0.563565	0.625437	0.61701	0.46828	0.796003	0.544759	0.753334	0.813544	0.751925
0.867869	0.654832	0.555844	0.597681	0.497831	0.791833	0.607631	0.95364	0.607539	0.62984
0.783858	0.594818	0.630303	0.706594	0.55393	0.851028	0.588593	0.85167	0.704093	0.530096
0.760383	0.570963	0.646249	0.72915	0.584085	0.609296	0.510098	0.653226	0.676532	0.557368
0.867869	0.778472	0.728732	0.584382	0.636575	0.549934	0.391055	0.70908	0.684074	0.756989
0.757851	0.565199	0.695654	0.565586	0.515985	0.549143	0.489143	0.761168	0.511461	0.785949
0.423475	0.501405	0.559986	0.382143	0.499256	0.821903	0.613227	0.84204	0.575912	0.737077
0.523599	0.494398	0.726284	0.609545	0.704227	0.824878	0.577213	0.925817	0.651623	0.689867
0.49788	0.574292	0.641203	0.685151	0.785776	0.607483	0.484931	0.661526	0.540144	0.767298
0.601593	0.552303	0.667043	0.424118	0.625939	0.652244	0.451981	0.519035	0.416096	0.739517
0.598084	0.487503	0.538076	0.404639	0.53493	0.687766	0.572914	0.684101	0.468382	0.688778
0.561249	0.402645	0.616814	0.392123	0.526492	0.750933	0.665009	0.610211	0.443947	0.45726
0.560447	0.432935	0.641203	0.432652	0.609078	0.597641	0.588593	0.666796	0.431618	0.604913
0.509124	0.389893	0.608359	0.538049	0.787158	0.442983	0.487032	0.572779	0.455992	0.661364
0.577606	0.389893	0.625437	0.457353	0.561274	0.390519	0.495539	0.693019	0.677601	0.624175
0.536295	0.309337	0.544453	0.396632	0.44374	0.449853	0.50862	0.578798	0.468382	0.5494
0.390834	0.428732	0.51873	0.395501	0.526492	0.575228	0.62464	0.628266	0.346357	0.560597
0.380125	0.465497	0.629325	0.548373	0.56375	0.634552	0.566123	0.483554	0.371546	0.686606
0.469032	0.404902	0.557496	0.524908	0.546707	0.473792	0.561933	0.483554	0.5071	0.568775
0.464512	0.522386	0.515712	0.299994	0.248343	0.297904	0.341635	0.495538	0.561741	0.503724
0.547036	0.361349	0.537285	0.270195	0.352859	0.297461	0.37179	0.418458	0.47572	0.489049
0.426407	0.369613	0.469414	0.316169	0.472284	0.438667	0.433595	0.450754	0.512924	0.612151
0.403486	0.386086	0.445109	0.445778	0.564579	0.492133	0.456538	0.416667	0.464431	0.740742
0.390834	0.484776	0.385507	0.421109	0.433195	0.423003	0.533677	0.418458	0.419038	0.525588
0.359971	0.474033	0.459396	0.286595	0.375868	0.456194	0.552852	0.526646	0.552812	0.483587
0.482212	0.541325	0.44703	0.361278	0.479724	0.388328	0.385463	0.386727	0.45088	0.471542
0.458136	0.55951	0.447672	0.340372	0.44374	0.336867	0.38825	0.34943	0.363679	0.371743
0.407974	0.428135	0.438767	0.365477	0.386744	0.317413	0.477313	0.38065	0.446455	0.519649
0.379596	0.456487	0.406034	0.342869	0.331007	0.343715	0.343649	0.438047	0.599413	0.50801
0.329271	0.359817	0.372883	0.303181	0.392286	0.337839	0.377208	0.325589	0.499217	0.421714
0.363521	0.422798	0.295762	0.32617	0.47565	0.333965	0.38937	0.291668	0.431618	0.476186
0.388132	0.515036	0.44066	0.395501	0.481775	0.345197	0.443008	0.31745	0.375267	0.503724
0.355451	0.512131	0.43563	0.46724	0.377482	0.398835	0.430503	0.457904	0.43528	0.482909
0.358459	0.355757	0.369112	0.472607	0.467616	0.405036	0.493397	0.464509	0.488001	0.40611
0.477554	0.464198	0.313325	0.492637	0.458427	0.332041	0.465797	0.493399	0.518085	0.398234
0.415369	0.466799	0.391112	0.42051	0.560452	0.377537	0.494824	0.428755	0.431618	0.431233
0.431735	0.364945	0.430041	0.460624	0.478362	0.492827	0.661848	0.362386	0.397162	0.46891
0.435925	0.506377	0.425743	0.587889	0.500685	0.46916	0.591262	0.449466	0.495681	0.360355
0.456241	0.563565	0.439397	0.55079	0.482461	0.504091	0.415361	0.450754	0.618614	0.524096
0.419982	0.725671	0.541253	0.587009	0.609078	0.488677	0.434839	0.39629	0.520316	0.446536
0.478216	0.770524	0.62835	0.6422	0.562923	0.446092	0.415957	0.363967	0.488001	0.510891
0.649993	0.678599	0.411321	0.604029	0.485215	0.555519	0.567811	0.402591	0.455992	0.419952
0.756591	0.790673	0.462045	0.558125	0.53726	0.447342	0.543958	0.517529	0.70867	0.476186
0.580113	0.734037	0.637207	0.638228	0.587568	0.526784	0.62464	0.46651	0.626158	0.477523
0.537054	0.688265	0.725065	0.718319	0.711145	0.530558	0.533677	0.444989	0.60572	0.476854
0.726215	0.7438	0.674562	0.85069	0.609078	0.556322	0.706017	0.540692	0.61955	0.415869
0.643155	0.72331	0.589248	0.857187	0.600886	0.719371	0.673553	0.544676	0.499217	0.425853

0.552508	0.632298	0.462045	0.633314	0.532612	0.778214	0.519074	0.572779	0.644619	0.517443
0.547814	0.62755	0.490881	0.630392	0.455191	0.514924	0.497692	0.605582	0.757305	0.458539
0.531772	0.785208	0.600979	0.524908	0.399598	0.496316	0.499856	0.66468	0.960223	0.64828
0.519935	0.76272	0.88164	0.662621	0.492881	0.638422	0.713047	0.749469	0.757305	0.643351
0.676378	0.641952	0.559154	0.603116	0.507176	0.598526	0.597555	0.691894	0.712135	0.660344
0.646072	0.575966	0.363782	0.572327	0.634622	0.710104	0.495539	0.584902	0.723887	0.715716
0.607803	0.687181	0.456763	0.568102	0.570423	0.64037	0.608558	0.544676	0.721511	0.638477
0.684831	0.711693	0.741184	0.575737	0.499256	0.849445	0.680074	0.640068	0.866428	0.66444
0.836507	0.555491	0.598244	0.597681	0.462997	0.697676	0.753892	0.665737	0.775701	0.518913
0.739319	0.514308	0.761881	0.687359	0.324279	0.442364	0.547171	0.748188	0.668069	0.689867
0.754081	0.611786	0.694518	0.740258	0.540386	0.643308	0.50862	0.639072	0.659768	0.65427
0.871133	0.461612	0.725065	0.713591	0.646475	0.638422	0.457192	0.681899	0.494977	0.631744
0.811522	0.596573	0.672401	0.615132	0.635597	0.665485	0.453278	0.766471	0.617681	0.526336
0.60513	0.59307	0.657562	0.45217	0.599986	0.790451	0.684476	0.798287	0.581884	0.536947
0.656941	0.555491	0.6607	0.574029	0.632677	0.655264	0.527468	0.67753	0.625208	0.676968
0.749104	0.566017	0.621584	0.393808	0.635597	0.675952	0.525163	0.588428	0.59585	0.881486
0.959896	0.703743	0.70835	0.501203	0.731366	0.654255	0.478689	0.792584	0.492873	0.693153
0.847228	0.752527	0.755307	0.61607	0.941854	0.50552	0.419548	0.679709	0.507824	0.735862
0.685899	0.665006	0.511226	0.482852	0.704227	0.58115	0.607631	0.496253	0.475047	0.70655
0.629793	0.553894	0.604654	0.45346	0.620246	0.617553	0.666068	0.591092	0.680826	0.768604
0.575113	0.551509	0.74883	0.500483	0.784398	0.58115	0.518319	0.597372	0.775701	0.824352
0.514135	0.557094	0.82295	0.592312	0.773529	0.64037	0.520588	0.71615	0.610281	0.78868
0.721546	0.698151	0.636214	0.692928	0.788545	0.66652	0.700244	0.723336	0.549611	0.808294
0.574285	0.635172	0.51873	0.621742	0.670141	0.647257	0.991475	0.714963	0.769042	0.864847
0.692364	0.619133	0.582183	0.488416	0.676533	0.520813	0.71423	0.720927	0.758594	0.878107
0.632622	0.58529	0.759239	0.393246	0.599087	0.558742	0.721396	0.598277	0.681906	0.585609
0.677426	0.752527	0.776705	0.565586	0.783024	0.537434	0.680074	0.593772	0.531645	0.659325
0.637378	0.964105	0.638203	0.745288	0.761618	0.570216	0.618896	0.611143	0.685163	0.806863
0.399044	0.783852	0.780837	0.819589	0.718175	0.608389	0.628512	0.493399	0.888481	0.834888
0.374867	0.860636	0.684426	0.853927	0.597295	0.511283	0.514563	0.610211	0.786574	0.642372
0.59634	0.882159	0.553378	0.666824	0.736264	0.570216	0.734849	0.554388	0.681906	0.554163
0.594603	0.738891	0.684426	0.742766	0.694053	0.622208	0.825703	0.575349	0.731094	0.680157
0.547036	0.62755	0.669178	0.994631	0.703085	0.775541	0.946759	0.82188	0.979103	0.61033
0.403486	0.662952	0.654448	0.898351	0.656607	0.750933	0.729909	0.720927	0.994376	0.828836
0.682702	0.751269	0.519487	0.67968	0.634622	0.601194	0.650449	0.736828	0.792115	0.634617
0.963934	0.745036	0.548487	0.715949	0.593733	0.523043	0.752596	0.631186	0.561741	0.579643
0.838023	0.442696	0.656522	0.892987	0.538039	0.743443	0.701392	0.467849	0.661828	0.692055
0.769362	0.523128	0.557496	0.673204	0.642488	0.942455	0.599369	0.786954	0.84544	0.577111
0.905202	0.577646	0.69908	0.710078	0.678685	0.714713	0.642343	1.115994	0.881576	0.755717
0.820177	0.7438	0.796334	0.800506	0.560452	0.646266	0.733609	0.788355	0.767722	0.680157
0.829009	0.705999	0.769904	0.807747	0.678685	0.603878	0.552036	0.665737	0.820928	0.593403
0.635469	0.490937	0.616814	0.576594	0.651512	0.753459	0.467136	0.608353	0.69175	0.542351
0.476892	0.383386	0.565852	0.448962	0.647478	0.665485	0.494824	0.556851	0.658741	0.728645
0.592011	0.380168	0.52253	0.407535	0.503558	0.64037	0.504947	0.814368	0.699564	0.856761
0.752831	0.421034	0.550111	0.544373	0.615557	0.76371	0.604859	0.987787	0.665979	0.510891
0.62419	0.563565	0.665979	0.953933	0.753855	0.762416	0.460482	0.791169	0.582743	0.574593
0.584325	0.728045	0.833758	0.718319	0.928232	0.671735	0.536028	0.758541	0.774361	0.758264

0.848782	0.619133	0.797771	0.521118	0.543535	0.562805	0.654559	0.899669	0.828441	0.969565
0.894698	0.477362	0.547678	0.428364	0.6036	0.535897	0.696816	0.802614	0.597628	0.703162
0.692364	0.474033	0.700228	0.506279	0.716995	0.656275	0.595748	0.544676	0.461166	0.815519
0.69345	0.746276	0.867895	0.674277	0.818738	0.670687	0.537602	0.593772	0.553617	0.883186
0.730934	0.800405	0.82295	0.819589	0.932081	0.576912	0.769752	1.02004	0.747133	0.898788
0.720386	0.748765	0.598244	0.654337	0.804098	0.614783	0.783426	0.916296	0.648607	0.95526
0.566904	0.718626	0.743718	0.50774	0.865874	0.538205	0.810655	0.71378	0.549611	0.661364
0.373303	0.826481	0.633248	0.392123	0.777573	0.598526	0.630462	0.624402	0.461166	0.740742
0.441372	0.835533	0.595526	0.398336	0.557995	0.507672	0.514563	0.562652	0.635776	0.833367
0.532522	0.695935	0.443197	0.731594	0.690714	0.594117	0.648409	0.580533	0.635776	0.841026
0.407411	0.581876	0.617764	0.606778	0.764237	0.727646	0.691163	0.448824	0.589685	0.645316
0.390834	0.670184	0.617764	0.460624	0.746229	0.725265	0.769752	0.611143	0.558473	0.57043
0.580113	0.844778	0.657562	0.58877	0.688502	0.504091	0.715416	0.66048	0.56752	0.606711
0.520665	0.665006	0.803565	0.903782	0.518961	0.454282	0.875968	0.536745	0.681906	0.814065
0.704471	0.641952	0.48805	0.76867	0.514504	0.566083	0.729909	0.707913	0.926656	0.929883
0.547814	0.58358	0.354868	0.682954	0.743716	0.759838	0.604859	0.597372	0.72508	0.538484
0.503466	0.742568	0.475538	0.758122	0.609078	0.608389	0.570355	0.451399	0.568352	0.543908
0.559646	0.796207	0.527136	0.66894	0.555551	0.595875	0.651473	0.575349	0.589685	0.415869
0.55805	0.42933	0.458078	0.443247	0.477004	0.612947	0.815115	0.735584	0.820928	0.616736
0.585172	0.430528	0.365374	0.342869	0.430141	0.553916	0.656629	0.730643	0.705233	0.560597
0.563663	0.433539	0.365374	0.571479	0.392844	0.672786	0.556132	0.516027	0.633836	0.616736
0.656941	0.455215	0.466049	0.581771	0.46563	0.576069	0.616052	0.679709	0.656695	0.474854
0.779856	0.643909	0.57009	0.55241	0.384547	0.651242	0.584181	0.631186	0.637726	0.50801
0.629793	0.461612	0.665979	0.47941	0.372125	0.545205	0.415957	0.444354	0.563384	0.577111
0.470332	0.416944	0.393942	0.486321	0.384547	0.547563	0.330723	0.571926	0.57761	0.572923
0.482212	0.352737	0.531012	0.658459	0.515244	0.488677	0.492685	0.49697	0.663899	0.707685
0.697825	0.511407	0.52253	0.643198	0.46497	0.671735	0.532896	0.492688	0.719148	0.601339
0.682702	0.453314	0.678918	0.494763	0.428926	0.599414	0.418948	0.522063	0.612119	0.520387
0.535538	0.367013	0.58306	0.483543	0.404733	0.427763	0.461805	0.714963	0.512192	0.477523
0.550938	0.499994	0.603732	0.48493	0.459077	0.490056	0.487735	0.554388	0.501353	0.524841
0.627917	0.586147	0.504582	0.503371	0.512293	0.492827	0.459822	0.574491	0.45728	0.614896
0.657942	0.608158	0.432516	0.518109	0.419324	0.383979	0.459163	0.589314	0.494977	0.480207
0.592873	0.480716	0.497317	0.350954	0.527252	0.602982	0.550409	0.551127	0.552812	0.558173
0.548593	0.521646	0.541253	0.426539	0.583218	0.544421	0.556956	0.457249	0.443322	0.524841
0.451851	0.471389	0.615867	0.53259	0.612768	0.576912	0.591262	0.484947	0.333077	0.5494
0.751585	0.602773	0.701379	0.406374	0.688502	0.59324	0.448755	0.49697	0.41085	0.64729
0.949961	0.751269	0.683319	0.46724	0.809895	0.647257	0.545562	0.625365	0.502783	0.635579
0.850341	0.936317	0.713061	0.662621	0.685205	0.609296	0.684476	0.6522	0.591437	0.812615
0.861413	1.078327	0.824478	0.81215	0.902205	0.497719	0.889943	0.728194	0.589685	0.914972
1.298524	1.153855	1.500789	0.766009	0.978982	0.766312	0.828776	0.878445	0.747133	0.755717
1.52307	1.249276	1.688658	0.943828	1.486516	1.29778	1.738892	1.197808	0.908059	0.897027
1.053761	1.991779	0.968286	0.964279	1.063325	1.016996	1.726532	1.276558	0.972718	1.175717
1.002077	1.331727	1.33897	1.109654	1.841479	0.714713	1.714515	1.212457	1.994287	1.074217
2.387099	1.583648	1.500789	0.831764	1.382296	0.903188	1.904823	0.665443	0.074018	1.177694
1.494922	1.991779	1.58907	1.175918	1.350765	1.947811	0.118429	0.148036	0.111027	0.644361
1.092895	1.401558	0.897641	1.27505	0.746736	0.236858	0.177643	0.192447	2.353183	0.377694
0.826045	1.387757	1.415359	0.317553	0.473716	0.355287	0.207251	1.122001	1.384961	0.118237

1.436696	1.912161	0.635106	0.629879	0.846215	1.155368	0.738644	0.472947	0.236474	0.177355
0.306724	0.20766	0.624651	1.062552	1.614514	1.391464	1.411356	0.605796	0.354711	0.295592
0.108596	0.257192	1.415359	0.614196	1.696158	1.40141	2.112929	1.170588	1.581849	0.609744
0.955894	1.064784	1.636016	1.42739	0.88319	1.120351	1.164453	1.176722	0.864777	0.73726
1.173673	1.226186	1.281359	1.354374	1.088518	1.152185	1.158319	1.346682	2.734206	0.801018
0.874081	1.336532	1.900913	1.024851	1.707534	0.860646	1.510276	1.158701	1.148772	1.138844
1.006881	1.393228	1.229048	0.87217	1.65342	1.02639	1.159082	1.138844	1.128916	1.645947
1.011028	1.711785	1.045002	1.065186	1.054261	1.476273	2.456302	1.118987	0.938209	1.254226
0.675333	1.153855	1.291615	1.354746	1.059724	1.043336	1.648653	1.032165	1.379537	1.770754
1.0488	1.02566	1.194029	1.234203	1.229348	0.859028	1.169094	1.944702	1.440959	1.468456
1.670435	1.03723	1.11563	1.365161	1.614514	1.224493	0.973893	1.384796	1.747083	1.497122
1.248874	1.610041	1.113596	1.017689	1.73122	1.028771	1.600498	2.25385	1.056333	2.442221
0.85822	1.111563	1.096218	1.242071	1.65342	1.263674	1.285777	1.30788	0.787953	1.370507
0.953908	0.756321	0.85952	1.020063	1.316659	0.890851	1.394015	0.801167	1.15998	1.285301
0.955894	0.919349	0.969706	1.193307	1.371529	0.823388	0.961159	2.086031	1.181524	1.059243
1.316421	1.520227	1.081506	1.292529	1.515155	1.149024	1.204239	1.203068	1.475693	1.113587
1.268877	1.786677	0.778078	0.490521	2.012268	1.199555	1.201897	1.727706	1.029035	1.403078
1.004298	1.610041	0.841646	0.619843	1.194871	1.44405	1.200726	1.212457	1.017172	1.035133
1.288125	1.326974	1.153304	1.057333	0.957965	0.628811	0.991475	0.817357	1.041231	1.026152
1.307549	1.249276	1.748573	0.593202	0.941854	0.775541	0.668193	0.791169	0.836085	0.863218
1.21504	1.950148	1.071204	0.55079	1.177522	1.875017	1.026491	1.205071	0.902631	0.969565
0.723874	1.253247	1.007516	0.943828	1.179618	1.548921	1.923594	1.054882	0.721511	2.112546
0.863018	0.942124	1.175326	2.153983	1.298553	1.181713	2.008024	1.012924	1.074643	1.081427
2.013932	1.097404	1.849355	1.415392	1.928002	0.678077	0.956996	1.015283	1.08821	1.104989
1.072155	1.333724	1.374558	0.713591	1.111392	1.055859	1.024067	1.243326	1.08821	1.140452
1.239862	1.427587	2.17028	0.662621	0.688106	0.681735	0.854494	1.165768	1.656655	1.43222
1.407569	1.566903	1.225181	1.081333	0.675364	0.684921	0.769707	1.389294	1.348339	1.099824
1.487236	1.894345	1.349094	0.992392	0.839535	1.556902	1.448267	1.059023	1.482472	0.673554
0.743618	3.345712	1.170743	1.081567	1.036979	0.686678	0.672476	0.865749	0.247284	0.561823
0	0	0.585371	2.411856	1.174134	0.679577	1.207915	0.494568	0.450092	0.861189
0	0	0.292686	1.288093	0.587067	0.633322	0.316661	0.405615	2.222698	2.246825
0	1.877231	0	0	0	1.369992	0.158331	0.361138	0.938209	0
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0	0	0	0	1.811181	0	0	0	0	0
0	0	0	2.122725	2.29777	0	0	0	0	0
0	1.081002	0.540501	0.27025	0.0074	0	0	0	1.656655	0
1.306064	2.037827	2.003332	0.014799	0	0	0	0	0	0
1.396444	1.678684	0.029598	0.014799	0.0074	0	1.904823	0	0	0
0.726235	0.059196	0.014799	0.014799	1.472875	0.0037	0	0	0	0
0.118393	0.059196	0.0074	0.020349	0.809895	0.406798	0.00185	0	0	0
0.059196	1.295087	0.025898	0.023124	1.537946	0.608346	2.112929	0.725058	1.932317	2.683413
0.029598	0.044397	0.968286	0.497092	0.260108	1.028306	1.448267	2.864182	1.752887	1.573457
0.014799	0.036998	1.554856	0.690914	1.719216	0.565495	0.796901	1.104224	1.663172	2.806921
0.939381	0.984895	0.510947	1.001609	0.870882	0.282747	0.329091	0.164546	0.722451	2.112546
1.912854	1.03041	1.58907	0.936246	1.132336	0.375435	0.352263	0.340677	1.006078	1.661905
2.336424	1.173322	0.852935	1.529809	0.468123	0.579162	0.902551	1.289706	2.353183	1.533615
1.816232	2.701363	0.856215	2.264055	0.690202	0.796376	1.600498	1.128092	1.277015	1.264324

[illegible]

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0.971452	0.686119	1.297977	0.36638	0.603923	0.906961	1.15041	1.202758	0.466431	0.233216
0.589951	0.801755	0.732761	1.235023	1.256314	0.841466	0.923446	1.051239	1.019163	0.932862
0.643547	0.84833	0.6785	0.71855	0.898078	0.638478	0.785854	1.031625	0.676029	0.449349
1.009248	0.926295	0.824337	0.730146	0.704478	0.546401	0.689052	0.907382	0.61292	0.616144
1.224245	0.696056	0.665174	0.658783	0.497262	0.618434	0.531577	0.770963	0.55308	0.769207
1.455182	0.687212	0.593665	0.582195	0.649037	0.545611	0.49262	0.515053	0.688753	0.96166
0.778624	0.826676	0.501438	0.70282	0.65497	0.5835	0.676228	0.503532	0.552293	0.694466
0.599792	0.846747	0.405527	0.445009	0.612334	0.573293	0.638913	0.497183	0.58155	0.413078
0.613581	0.489364	0.354263	0.512814	0.519274	0.580071	0.702267	0.652037	0.834408	0.59687
0.668256	0.420818	0.552833	0.616988	0.473025	0.523319	0.50098	0.451998	0.564245	0.564673
0.649594	0.541659	0.427739	0.622455	0.379169	0.564967	0.628411	0.572716	0.501193	0.399269
0.645553	0.629882	0.454865	0.685513	0.433018	0.494336	0.619079	0.546836	0.525622	0.31682
0.60434	0.555174	0.645439	0.560988	0.519274	0.698064	0.572713	0.423305	0.53008	0.515097
0.40538	0.299575	0.549727	0.431803	0.51782	0.634588	0.581937	0.584542	0.418717	0.373926
0.56336	0.490754	0.440789	0.457373	0.3261	0.470471	0.436998	0.595819	0.386971	0.549044
0.478251	0.429195	0.550501	0.672971	0.598129	0.49574	0.30774	0.40198	0.407312	0.37086
0.469449	0.367357	0.4772	0.381608	0.347634	0.485318	0.444344	0.47334	0.361419	0.434947
0.381746	0.477049	0.502131	0.296287	0.436014	0.552769	0.47504	0.536748	0.426883	0.453025
0.524391	0.449604	0.411677	0.354554	0.427087	0.388491	0.425614	0.419775	0.482058	0.49907
0.53284	0.456626	0.473938	0.397704	0.508484	0.403013	0.323344	0.375788	0.452969	0.499755
0.50578	0.403394	0.350823	0.395523	0.398037	0.405863	0.263219	0.483398	0.423365	0.531002

0.240015	0.416689	0.207107	0.451147	0.390933	0.270418	0.311816	0.491617	0.397297	0.369842
0.24041	0.41028	0.352785	0.3438	0.49657	0.340684	0.289208	0.351588	0.40339	0.385885
0.308813	0.348891	0.401657	0.334723	0.52588	0.333849	0.412221	0.394729	0.421616	0.432593
0.367734	0.367881	0.48513	0.389045	0.436616	0.451645	0.290072	0.28702	0.292279	0.292341
0.307888	0.29734	0.355746	0.47334	0.59292	0.492238	0.301919	0.406503	0.451098	0.225504
0.22986	0.349394	0.349845	0.346221	0.545547	0.484632	0.365513	0.435892	0.472798	0.256854
0.365618	0.343899	0.251881	0.293698	0.550998	0.356212	0.433973	0.345619	0.49564	0.377531
0.460822	0.448972	0.384925	0.373262	0.556518	0.432993	0.249996	0.305088	0.462451	0.433768
0.4543	0.461155	0.438387	0.445009	0.511335	0.451011	0.319158	0.474003	0.34259	0.584203
0.300557	0.457915	0.338278	0.481881	0.409199	0.420988	0.328988	0.420361	0.426883	0.698779
0.404225	0.296894	0.327476	0.419562	0.434214	0.357233	0.459421	0.384885	0.388585	0.651594
0.382294	0.361631	0.439586	0.3712	0.506357	0.360826	0.454337	0.278472	0.23643	0.465509
0.420683	0.342907	0.521998	0.403758	0.312768	0.290111	0.293113	0.341685	0.30277	0.426183
0.374145	0.496359	0.445633	0.425348	0.40414	0.246003	0.340987	0.451998	0.300563	0.405291
0.417103	0.419634	0.32887	0.488567	0.550998	0.376571	0.460061	0.430453	0.326876	0.440292
0.474166	0.399427	0.379662	0.459889	0.568588	0.464541	0.560441	0.498586	0.506112	0.496342
0.457549	0.509969	0.573586	0.485211	0.568588	0.44785	0.390415	0.458355	0.599573	0.613465
0.500708	0.560046	0.661155	0.464964	0.722707	0.462582	0.514555	0.509975	0.488117	0.531002
0.40538	0.429195	0.46557	0.569834	0.706715	0.50283	0.686888	0.627723	0.523411	0.590068
0.211714	0.302724	0.433622	0.5531	0.562109	0.39737	0.511661	0.372623	0.407875	0.526606
0.362988	0.419044	0.494569	0.48588	0.522932	0.280581	0.344407	0.327716	0.451098	0.474467
0.502875	0.647498	0.498677	0.509266	0.562109	0.305263	0.514555	0.381653	0.456107	0.462984
0.565863	0.739482	0.499366	0.507855	0.615959	0.320964	0.672036	0.506384	0.476742	0.569474
0.46412	0.52628	0.435403	0.522905	0.548653	0.400747	0.643772	0.378977	0.511086	0.682822
0.449153	0.569123	0.509828	0.642154	0.691291	0.515154	0.600996	0.453262	0.548382	0.541435
0.435924	0.648498	0.47264	0.475296	0.635502	0.511493	0.703387	0.472677	0.459902	0.501127
0.401351	0.632769	0.370858	0.479235	0.548653	0.486694	0.664796	0.620221	0.511802	0.497704
0.561699	0.585262	0.428323	0.586394	0.622376	0.440977	0.53007	0.394176	0.497021	0.589226
0.537519	0.550356	0.412805	0.600113	0.453186	0.492238	0.666852	0.498586	0.556241	0.506662
0.528979	0.643521	0.441391	0.461152	0.351577	0.435434	0.562868	0.482721	0.679175	0.520814
0.633653	0.667947	0.449917	0.358531	0.541695	0.521823	0.654658	0.475999	0.530827	0.501815
0.457549	0.672155	0.406638	0.461152	0.702252	0.654395	0.812403	0.51142	0.60221	0.555228
0.367204	0.492149	0.471346	0.594918	0.655967	0.484632	0.781806	0.497884	0.531576	0.661424
0.490037	0.554367	0.575225	0.677112	0.514205	0.398493	0.439433	0.410499	0.432215	0.507358
0.519851	0.594003	0.590253	0.557815	0.549433	0.497855	0.457507	0.300166	0.521943	0.430251
0.613581	0.707371	0.632139	0.52804	0.757834	0.531641	0.608139	0.273005	0.477403	0.531002
0.480995	0.658625	0.492529	0.47269	0.711225	0.492936	0.535367	0.457715	0.584926	0.646761
0.328224	0.413182	0.456735	0.604491	0.6233	0.544037	0.52558	0.368438	0.590897	0.559925
0.432217	0.55923	0.415637	0.545352	0.511335	0.551168	0.515281	0.425081	0.473453	0.410839
0.587305	0.701677	0.375497	0.458629	0.617782	0.495038	0.616318	0.416855	0.505406	0.417592
0.651628	0.698296	0.371371	0.536233	0.590339	0.504262	0.659697	0.421537	0.535339	0.506662
0.405959	0.432226	0.384395	0.533236	0.575165	0.543251	0.678339	0.429253	0.582391	0.464877
0.331627	0.533134	0.606703	0.646979	0.465881	0.502116	0.479703	0.428057	0.680229	0.585871
0.521359	0.644512	0.526376	0.509266	0.456956	0.436046	0.453706	0.465457	0.669804	0.464245
0.71167	0.771492	0.603188	0.716268	0.523667	0.486005	0.57856	0.580281	0.453595	0.348044
0.630728	0.525525	0.467487	0.557026	0.652983	0.750394	0.727591	0.486804	0.524147	0.440292
0.502151	0.572471	0.495251	0.53774	0.558108	0.78731	0.508072	0.457076	0.612018	0.464877

0.613581	0.714305	0.552055	0.500175	0.439637	0.603761	0.512383	0.396391	0.486764	0.423875
0.759911	0.694941	0.564685	0.711739	0.48229	0.620304	0.488499	0.438331	0.466947	0.481637
0.775901	0.377965	0.557535	0.862368	0.537117	0.529355	0.554831	0.515784	0.539897	0.506662
0.559219	0.38719	0.435998	0.622455	0.508484	0.601064	0.427986	0.597581	0.683406	0.486262
0.530519	0.451508	0.427739	0.573915	0.520003	0.576669	0.429177	0.76834	0.824	0.450571
0.576881	0.633736	0.496618	0.511391	0.43123	0.44848	0.37805	0.601125	0.722297	0.505271
0.633653	0.578393	0.455487	0.579694	0.3621	0.60286	0.507357	0.556361	0.579035	0.336129
0.662991	0.52628	0.735126	0.635488	0.47237	0.671972	0.627469	0.526888	0.708567	0.409167
0.638572	0.636648	0.898825	0.579694	0.559704	0.651366	0.462629	0.535216	0.673944	0.470605
0.514614	0.578393	0.549727	0.408775	0.471065	0.585225	0.583636	0.68854	0.656615	0.542946
0.555935	0.569123	0.388647	0.513527	0.498649	0.763221	0.513106	0.650041	0.521943	0.430835
0.607092	0.507068	0.60057	0.681292	0.571043	0.761922	0.483065	0.661135	0.563438	0.522255
0.899052	0.507792	0.676423	0.596643	0.615959	0.745368	0.559636	0.670427	0.705201	0.650623
0.759911	0.579246	0.575225	0.487222	0.740521	0.564967	0.452446	0.528391	0.535339	0.573516
0.717563	0.608366	0.648343	0.533236	0.597257	0.611036	0.464565	0.55556	0.381102	0.501127
0.591724	0.628924	0.646405	0.598374	0.503538	0.76846	0.559636	0.532929	0.510372	0.522977
0.723538	0.488671	0.76711	0.640239	0.514205	0.599275	0.550868	0.712011	0.726972	0.611688
0.62207	0.507068	0.739896	0.696249	0.609635	0.640436	0.54073	0.592318	0.82843	0.81203
0.502875	0.464419	0.744719	0.666833	0.697835	0.608293	0.50098	0.504956	0.443079	0.76414
0.829272	0.675337	0.712032	0.576383	0.579327	0.50714	0.458144	0.728395	0.415264	0.627029
0.64656	0.611113	0.619235	0.5932	0.580164	0.591316	0.516738	0.731987	0.617462	0.540682
0.686649	0.463764	0.776139	0.798749	0.671198	0.750394	0.57772	0.808015	0.657615	0.65452
0.62207	0.479078	0.616519	0.502952	0.722707	0.773763	0.613575	0.73561	0.613825	0.716472
0.551865	0.530074	0.660155	0.513527	0.707838	0.540125	0.593968	0.562829	0.456107	0.727907
0.554302	0.483848	0.576869	0.616083	0.657967	0.724631	0.610848	0.639224	0.5782	0.710865
0.681158	0.420226	0.679542	0.427684	0.560504	0.674088	0.465212	0.687453	0.546827	0.508056
0.581194	0.584397	0.904043	0.552319	0.613237	0.661547	0.497477	0.787041	0.549942	0.638195
0.521359	0.574999	0.673326	0.755553	0.906879	0.587825	0.512383	0.730787	0.558627	0.751723
0.754709	0.670045	0.59281	0.598374	0.595517	0.623124	0.554831	0.66524	0.405627	0.667431
0.777261	0.705085	0.825796	0.563383	0.59465	0.584362	0.528568	0.71663	0.364979	0.478363
0.677896	0.595773	0.812839	0.61518	0.697835	0.608293	0.502389	0.648054	0.407312	0.626112
0.652649	0.723725	0.717691	0.707256	0.688056	0.434822	0.510941	0.640196	0.482727	0.588384
0.675735	0.928197	0.579347	0.525098	0.543232	0.435434	0.639881	0.614679	0.522676	0.586707
0.457549	0.628924	0.6785	0.349633	0.456956	0.593072	0.777796	0.509255	0.550724	0.567067
0.504325	0.598441	0.630272	0.543054	0.764188	0.675149	0.714745	0.567745	0.426883	0.584203
0.472813	0.871121	0.621055	0.624294	0.682717	0.598384	0.660712	0.429253	0.484741	0.813438
0.566701	0.631805	0.682684	0.666833	0.727387	0.525573	0.787212	0.483398	0.482727	0.66242
0.524391	0.612954	0.606703	0.624294	0.61687	0.489457	0.727591	0.537516	0.640913	0.668441
0.631701	0.79469	0.633076	0.524366	0.722707	0.649358	0.635065	0.422125	0.564245	0.636314
0.534394	0.671099	0.451148	0.389045	0.759098	0.565792	0.632201	0.47334	0.598698	0.62887
0.462138	0.667947	0.622883	0.533236	0.59988	0.510764	0.788573	0.622085	0.724629	0.621553
0.62207	0.94769	0.692248	0.773356	0.581844	0.575822	0.726407	0.561203	0.746192	0.703135
0.779993	0.838917	0.545108	0.753068	0.705595	0.818691	0.692319	0.44449	0.62483	0.544463
0.582062	0.743201	0.445024	0.589784	0.726212	0.609206	0.541501	0.403106	0.499798	0.476411
0.478251	0.822173	0.453002	0.533236	0.676396	0.60286	0.537657	0.353093	0.494262	0.580061
0.378472	0.645505	0.624718	0.700618	0.587773	0.487383	0.70115	0.615598	0.608426	0.767935
0.414143	0.613877	0.448076	0.712866	0.489031	0.498562	0.63125	0.66524	0.792824	0.65452

0.534394	0.60928	0.43719	0.689775	0.605173	0.69029	0.727591	0.568569	0.829917	0.480324
0.560044	0.564148	0.414502	0.744482	0.642217	0.702569	0.702267	0.545269	0.686606	0.672501
0.658824	0.672155	0.519104	0.634544	0.640288	0.5835	0.600996	0.522412	0.746192	0.590068
0.539877	0.543228	0.590253	0.719696	0.589482	0.693605	0.69451	0.714314	0.97539	0.619743
0.653672	0.603827	0.4772	0.587239	0.505651	0.648358	0.740829	0.889737	0.741307	0.626112
0.494984	0.598441	0.397822	0.51783	0.560504	0.747874	0.524094	0.528391	0.540662	0.545985
0.461479	0.564974	0.401657	0.626139	0.493127	0.625013	0.554036	0.510697	0.623902	0.614356
0.700118	0.701677	0.58351	0.783868	0.50004	0.633621	0.610848	0.710865	0.644786	0.531739
0.821665	0.595773	0.565487	0.726634	0.549433	0.579218	0.681525	0.866179	0.813835	0.545985
0.722336	0.569958	0.560698	0.606254	0.592058	0.699186	0.600111	0.834598	0.49152	0.522977
0.559219	0.548762	0.533772	0.571462	0.509907	0.631694	0.5204	0.57355	0.412977	0.524425
0.743228	0.591362	0.703128	0.777268	0.38877	0.507862	0.602771	0.499994	0.629499	0.652567
0.62207	0.618524	0.883537	0.679197	0.564527	0.809906	0.488499	0.599349	0.670835	0.432593
0.674659	0.511427	0.765835	0.654812	0.815783	0.79285	0.599228	0.726016	0.52121	0.451183
0.782742	0.556792	0.511242	0.709492	0.735699	0.75548	0.722875	0.731987	0.541428	0.558354
0.540666	0.381198	0.535267	0.522905	0.585222	0.658467	0.630302	0.637286	0.671869	0.787425
0.617334	0.396615	0.502131	0.58387	0.446359	0.592193	0.459421	0.724832	0.48744	0.65452
0.710501	0.645505	0.572769	0.605371	0.587773	0.658467	0.428581	0.66421	0.485414	0.597728
0.54703	0.4784	0.597104	0.530259	0.660985	0.673029	0.552449	0.653039	0.455478	0.746855
0.594396	0.45727	0.621055	0.468167	0.641251	0.628818	0.450563	0.657068	0.466302	0.622461
0.676814	0.52402	0.764564	0.511391	0.518547	0.633621	0.334227	0.58113	0.40339	0.525151
0.608013	0.602924	0.749596	0.607138	0.58353	0.634588	0.416254	0.549988	0.573223	0.598588
0.609861	0.564974	0.676423	0.445009	0.669136	0.600169	0.564493	0.714314	0.425707	0.480324
0.635614	0.456626	0.555962	0.64601	0.645127	0.508586	0.554036	0.78432	0.351903	0.459223
0.519099	0.360082	0.610247	0.531001	0.671198	0.533171	0.438213	0.683134	0.525622	0.505271
0.46811	0.333112	0.651266	0.645043	0.666061	0.731837	0.426206	0.599349	0.553868	0.648688
0.747022	0.59666	0.627486	0.458629	0.661995	0.694715	0.521136	0.569395	0.49564	0.584203
0.534394	0.51879	0.525643	0.411024	0.735699	0.701438	0.755746	0.731987	0.584079	0.836622
0.448514	0.332145	0.457986	0.442578	0.693461	0.673029	0.661729	0.598464	0.493575	0.851766
0.611717	0.450873	0.651266	0.500868	0.563719	0.569943	0.519665	0.512144	0.423365	0.703135
0.68225	0.602924	0.587712	0.51711	0.511335	0.421581	0.435785	0.579434	0.494262	0.593456
0.570913	0.655562	0.618328	0.518552	0.453186	0.437274	0.390415	0.696224	0.593482	0.609918
0.426715	0.524772	0.509123	0.625216	0.591198	0.527838	0.524836	0.765733	0.546051	0.767935
0.431602	0.482479	0.721123	0.758052	0.839485	0.520332	0.583636	0.631523	0.533077	0.56867
0.538303	0.506346	0.792069	0.50856	0.558108	0.409307	0.372259	0.535981	0.505406	0.590068
0.750849	0.533902	0.668213	0.448067	0.633602	0.560863	0.433973	0.650041	0.603977	0.62887
0.689977	0.573312	0.598833	0.400445	0.76934	0.887466	0.806677	0.597581	0.565054	0.780831
0.662991	0.586128	0.608471	0.403204	0.760365	0.684822	0.772506	0.634395	0.396747	0.756647
0.595291	0.507792	0.697654	0.561785	0.678493	0.436046	0.480374	0.462861	0.435806	0.672501
0.556754	0.467047	0.656182	0.390656	0.714638	0.456758	0.495389	0.697333	0.553868	0.698779
0.653672	0.56829	0.657172	0.441972	0.543232	0.530878	0.400902	0.780269	0.691993	0.65452
0.507972	0.467707	0.497303	0.412153	0.507065	0.612874	0.532332	0.619293	0.556241	0.59687
0.688865	0.642533	0.552833	0.573096	0.667084	0.541685	0.583636	0.571883	0.473453	0.581713
0.752132	0.564974	0.625639	0.659781	0.770637	0.60286	0.4462	0.496484	0.488796	0.638195
0.940632	0.602924	0.640642	0.620625	0.741735	0.694715	0.506644	0.691816	0.527845	0.72675
0.854551	0.745698	0.794781	0.572278	0.65897	0.560046	0.446821	0.827049	0.657615	0.644842
0.659862	0.497772	0.765835	0.650878	0.670166	0.577517	0.501684	0.68854	0.585774	0.724445

0.696711	0.540097	0.681634	0.713997	0.679545	0.500691	0.559636	0.617441	0.640913	0.832179
0.908159	0.804614	0.907556	0.575559	0.61505	0.505698	0.490555	0.589711	0.564245	0.782141
0.893678	0.882981	0.9521	0.590635	0.652983	0.820173	0.629355	0.77228	0.536853	0.475762
0.642548	0.571632	0.660155	0.58136	0.672233	0.833741	0.734762	0.806585	0.478728	0.515097
0.588185	0.562503	0.478512	0.559399	0.6233	0.625961	0.763401	0.68099	0.451098	0.74204
0.614516	0.564148	0.659159	0.552319	0.755318	0.586957	0.709029	0.603802	0.53008	0.668441
0.681158	0.641546	0.859196	0.485211	0.691291	0.623124	0.605447	0.800911	0.51975	0.670466
0.725951	0.811844	0.730408	0.597508	0.700038	0.608293	0.575209	0.77759	0.573223	0.538429
0.554302	0.638601	0.622883	0.594918	0.716928	0.632656	0.662749	0.780269	0.702972	0.72675
0.54703	0.465074	0.576869	0.779896	0.8044	0.452281	0.632201	0.601125	0.62113	0.780831
0.580328	0.604731	0.777445	0.779896	0.861342	0.480539	0.487816	0.441399	0.499102	0.633507
0.739468	0.61573	0.728068	0.575559	0.9997	0.711722	0.560441	0.734399	0.668775	0.668441
0.576023	0.716641	0.562289	0.512814	0.969919	0.683737	0.663771	0.713161	0.497714	0.658452
0.629758	0.735795	0.595381	0.557815	0.773244	0.629774	0.869285	0.646076	0.472798	0.602043
0.626859	0.510698	0.538271	0.474643	0.715781	0.517366	0.717052	0.643126	0.40172	0.515097
0.602515	0.566629	0.638738	0.367615	0.606952	0.52257	0.477699	0.599349	0.601329	0.626112
0.566701	0.643521	0.699835	0.514957	0.670166	0.518846	0.509504	0.643126	0.55308	0.612576
0.528211	0.741958	0.597968	0.514957	0.660985	0.756761	0.809531	0.767034	0.587475	0.683868
0.525915	0.614803	0.541296	0.626139	0.665041	0.517366	0.79131	0.648054	0.648693	0.790091
0.623024	0.52628	0.709789	0.77206	0.746626	0.440977	0.556427	0.535216	0.68983	0.762882
0.613581	0.691612	0.75329	0.531745	0.78517	0.569943	0.593968	0.481368	0.646735	0.715345
0.710501	0.804614	0.637789	0.569022	0.75033	0.512223	0.665823	0.592318	0.641878	0.682822
0.49074	0.653532	0.560698	0.51711	0.695642	0.495038	0.719372	0.692914	0.693079	0.923673
0.381198	0.530837	0.6785	0.619713	0.759098	0.65541	0.674127	0.509255	0.543733	0.895508
0.494274	0.650504	0.800258	0.715131	0.656966	0.651366	0.619079	0.575223	0.585774	0.671483
0.583803	0.627969	0.576869	0.472041	0.833437	0.552769	0.704509	0.638254	0.783356	0.707536
0.524391	0.564148	0.468127	0.548434	0.625155	0.353669	0.677282	0.617441	0.724629	0.892112
0.427323	0.566629	0.473938	0.599243	0.630768	0.507862	0.650668	0.44387	0.622976	0.65944
0.379016	0.624166	0.580177	0.625216	0.579327	0.620304	0.585341	0.493002	0.658618	0.607277
0.472813	0.659651	0.597104	0.605371	0.578492	0.442219	0.709029	0.589711	0.726972	0.505966
0.593504	0.638601	0.591956	0.564184	0.461395	0.39737	0.678339	0.580281	0.664683	0.619743
0.623024	0.711981	0.558324	0.566596	0.735699	0.673029	0.621858	0.451367	0.680229	0.640084
0.637584	0.729718	0.624718	0.717407	0.751571	0.666728	0.687969	0.40198	0.627625	0.882082
0.54944	0.909542	0.669231	0.720845	0.502836	0.552769	0.727591	0.620221	0.688753	0.674546
0.503599	0.746952	0.653226	0.651858	0.550215	0.452281	0.917899	0.585399	0.716524	0.580061
0.551055	0.680695	0.453622	0.562583	0.411466	0.461931	0.62559	0.409926	0.61655	0.585036
0.579464	0.620396	0.441391	0.52804	0.546321	0.593953	0.424433	0.419189	0.601329	0.644842
0.557574	0.654546	0.536016	0.711739	0.626086	0.601064	0.583636	0.574386	0.62113	0.542946
0.383392	0.832754	0.618328	0.565791	0.587773	0.596606	0.711306	0.576903	0.647713	0.378567
0.548635	0.759695	0.649315	0.758052	0.643185	0.653383	0.762116	0.5406	0.627625	0.511563
0.698979	0.6495	0.504217	0.639285	0.538638	0.514419	0.644751	0.475999	0.597824	0.62887
0.49927	0.515093	0.555962	0.604491	0.576825	0.709415	0.530822	0.587981	0.716524	0.644842
0.404225	0.682856	0.515513	0.670916	0.618697	0.676213	0.686888	0.66524	0.732888	0.681779
0.591724	0.768843	0.553613	0.732502	0.536359	0.591316	0.543048	0.558776	0.596952	0.54219
0.612648	0.84833	0.590253	0.809901	0.65897	0.765833	0.518931	0.40198	0.60045	0.575143
0.633653	0.697175	0.595381	0.701717	0.76291	0.916119	0.457507	0.361722	0.606641	0.578416
0.722336	0.594887	0.714287	0.777268	0.768046	0.74412	0.460701	0.438331	0.53008	0.639138

0.930827	0.61759	0.630272	0.636434	0.491758	0.710567	0.719372	0.842281	0.52121	0.6064
0.991051	0.606545	0.535267	0.698428	0.562913	0.824649	0.668918	0.734399	0.482058	0.432006
0.876232	0.59666	0.709789	0.680243	0.549433	0.681574	0.597468	0.691816	0.60045	0.458599
0.728377	0.584397	0.811423	0.765637	0.660985	0.746619	0.550868	0.624895	0.736476	0.681779
0.852927	0.664817	0.75577	0.687639	0.544002	0.609206	0.668918	0.520931	0.658618	0.902379
0.911855	0.603827	0.569518	0.641196	0.442679	0.660518	0.593098	0.622085	0.598698	0.796829
0.718752	0.555982	0.647372	0.58136	0.515648	0.85412	0.583636	0.825555	0.744965	0.688077
0.753419	0.528553	0.726903	0.703924	0.783829	0.794246	0.575209	0.78978	0.552293	0.73374
0.738221	0.561683	0.685849	0.691922	0.678493	0.570778	0.505932	0.594065	0.543733	0.934724
1.021021	0.753277	0.74715	0.632662	0.625155	0.737935	0.508072	0.515053	0.596082	0.754178
0.952699	0.634704	0.800258	0.591488	0.663008	0.867153	0.780466	0.756729	0.5782	0.683868
0.749569	0.51583	0.808605	0.743269	0.894607	0.844595	0.703387	0.655049	0.440034	0.835136
0.736979	0.479078	0.736314	0.77858	0.934405	0.679422	0.686888	0.653039	0.55783	0.698779
0.791095	0.834286	0.918271	0.495358	0.677443	0.588695	0.692319	0.834598	0.931845	0.663417
0.747022	0.558416	0.714287	0.496729	0.831938	0.664648	0.668918	0.662157	0.766302	0.734916
0.777261	0.608366	0.768389	0.569834	1.006357	0.75293	0.748224	0.796703	0.573223	0.988262
0.649594	0.689406	0.890265	0.730146	1.036441	0.763221	0.405394	0.918324	0.776717	0.813438
0.656756	0.774158	0.75577	0.732502	0.755318	0.596606	0.458144	0.769649	0.821071	0.713099
0.520605	0.857952	0.59281	0.454249	0.63741	0.707121	0.809531	0.828549	0.97539	0.664417
0.642548	0.735795	0.610247	0.504347	1.022297	0.875502	1.134997	0.792536	0.697448	0.672501
0.696711	0.768843	0.824337	0.90415	1.100903	0.60286	0.722875	0.699559	0.883758	0.912896
0.592613	0.911372	0.739896	1.036425	0.891163	0.551168	0.705635	0.689629	0.669804	0.867458
0.956797	0.869453	0.524181	0.768195	0.729745	0.69029	0.837617	0.66524	0.704085	0.655499
0.611717	0.881267	0.679542	0.763094	0.712359	0.74412	0.910612	0.639224	0.824	0.558354
0.56336	0.968098	0.672299	1.041209	0.671198	0.641418	0.769885	0.472016	0.735276	0.784775
0.734504	0.959819	0.539781	0.856041	0.858151	0.599275	0.738392	0.576903	0.870476	0.856414
0.785508	0.797502	0.536016	0.830134	0.598129	0.601064	0.864385	0.691816	0.731698	0.643887
0.759911	0.759695	0.448076	0.639285	0.821588	0.808459	0.908809	0.751667	0.813835	0.479016
0.513871	0.774158	0.597104	0.798749	0.919508	0.946797	0.746982	0.566922	0.740094	0.65944
0.782742	0.902299	0.552055	0.898919	0.800207	0.75166	0.92531	0.571883	0.768882	0.75913
0.965111	0.985145	0.679542	0.849805	0.725041	0.759333	0.877576	0.830053	0.863984	0.660431
0.769167	0.587866	0.596242	0.696249	0.636455	0.849331	0.711306	0.634395	0.922529	0.766666
0.704702	0.608366	0.402759	0.678153	0.641251	0.780484	0.527819	0.597581	0.63327	0.816269
0.704702	0.851514	0.667198	0.918416	0.554933	0.568278	0.560441	0.672519	0.647713	0.59687
0.735739	0.82517	0.851376	1.081506	0.688056	0.843028	0.613575	0.705175	0.704085	0.587545
0.754709	0.571632	0.726903	0.863965	0.702252	0.811358	0.874241	0.822582	0.809551	0.617041
0.852927	0.66068	0.789373	0.824256	0.729745	0.67728	0.629355	0.902013	0.643814	0.703135
0.588185	0.632769	0.736314	0.875306	0.538638	0.802718	0.490555	0.579434	0.634218	0.821988
0.612648	0.583535	0.780067	0.881923	0.624227	0.942842	0.584487	0.802322	0.860774	0.938471
0.757303	0.767524	0.810012	0.676073	0.566959	0.960932	0.653657	0.827049	0.708567	0.648688
0.757303	0.624166	0.763297	0.607138	0.663008	0.882298	0.685811	0.721298	0.556241	0.717602
0.735739	0.625114	0.83168	0.6499	0.757834	0.775099	0.710166	0.981849	0.641878	0.865863
0.811234	0.741958	1.010595	0.783868	0.706715	0.537794	0.586196	0.813784	0.662652	1.001112
0.960934	0.741958	0.921903	0.827185	0.754066	0.758045	0.498875	0.822582	0.535339	0.787425
0.597086	0.612032	0.668213	0.451147	0.854984	0.995079	0.720537	0.806585	0.669804	0.810626
0.50724	0.486597	0.555178	0.46881	1.071355	0.785937	0.713595	0.675676	0.630438	1.0166
0.662991	0.501324	0.664166	0.520723	0.821588	0.641418	0.749468	0.590578	0.655616	0.767935

0.748294	0.784987	0.833164	0.588934	0.593784	0.552769	0.675176	0.698444	0.658618	0.947983
0.851309	0.720168	0.696567	0.594918	0.875997	0.591316	0.669955	0.815238	0.627625	0.798189
0.464782	0.532367	0.556748	0.52804	0.805806	0.736709	0.672036	0.599349	0.53008	0.833655
0.57261	0.397738	0.731583	0.73965	0.720386	0.588695	0.813847	0.627723	0.596952	0.707536
0.724743	0.551956	0.843695	0.71855	0.756574	0.532405	0.575209	0.759282	0.488117	0.782141
0.620169	0.66171	0.698743	0.506449	0.733308	0.589567	0.560441	0.812334	0.627625	0.749282
0.514614	0.771492	0.536766	0.48321	0.697835	0.439739	0.447442	0.606496	0.456737	0.850228
0.519851	0.648498	0.581007	0.535482	0.793307	0.475141	0.581091	0.509255	0.436408	0.833655
0.480307	0.819197	0.571954	0.477261	0.622376	0.632656	0.669955	0.440169	0.711959	0.717602
0.782742	0.949688	0.606703	0.48321	0.540929	0.438505	0.732358	0.563645	0.787388	0.608156
0.704702	0.84833	0.680587	0.731322	0.606062	0.418627	0.700037	0.449481	0.612018	0.587545
0.594396	0.587866	0.603188	0.675036	0.915862	0.736709	0.675176	0.401418	0.49564	0.732567
0.610788	0.867791	0.738698	0.814158	0.768046	0.681574	0.692319	0.489548	0.560224	0.719871
0.612648	1.058352	0.602313	0.775961	0.751571	0.551968	0.646714	0.495087	0.58071	0.637253
0.520605	0.787737	0.439586	0.623374	0.75033	0.515154	0.836092	0.648054	0.708567	0.46805
0.493565	0.53854	0.356241	0.661784	0.651994	0.416278	0.643772	0.504243	0.66164	0.669452
0.456897	0.431618	0.495934	0.634544	0.653976	0.718716	0.602771	0.392522	0.772782	0.73374
0.535173	0.557603	0.49799	0.705032	0.509195	0.564143	0.622788	0.513596	0.742523	0.616144
0.656756	0.753277	0.602313	0.728972	0.586921	0.49998	0.562868	0.483398	0.743743	0.508056
0.666142	0.676404	0.519104	0.817019	0.722707	0.573293	0.600111	0.431054	0.603977	0.475762
0.597086	0.536988	0.428909	0.639285	0.744174	0.815743	0.691227	0.487488	0.736476	0.515808
0.561699	0.708519	0.580177	0.655801	0.561306	0.725824	0.443111	0.490926	0.726972	0.601176
0.625897	1.033363	0.598833	0.715131	0.537117	0.555988	0.57772	0.438331	0.604863	0.599449
0.727162	1.002888	0.590253	0.710614	0.372884	0.640436	0.784501	0.532929	0.65066	0.53768
0.693331	0.808938	0.615617	0.755553	0.497955	0.616573	0.710166	0.571052	0.729329	0.632576
0.680068	0.587866	0.57114	0.693	0.771938	0.652373	0.775143	0.692914	0.801107	0.607277
0.606173	0.586128	0.622883	0.750597	0.630768	0.623124	0.707894	0.813784	0.668775	0.570279
0.686649	0.686119	0.577694	0.647951	0.451936	0.520332	0.787212	0.781615	0.665703	0.459847
0.913716	0.891656	0.714287	0.876951	0.529593	0.612874	0.651662	0.704046	0.696352	0.469965
0.848092	0.580956	0.745933	0.950383	0.602519	0.754203	0.53007	0.699559	0.939444	0.746855
0.605255	0.595773	0.693324	0.898919	0.872697	0.863858	0.392054	0.730787	0.926231	0.829243
0.605255	0.541659	0.725741	0.743269	0.695642	0.773763	0.647699	0.776256	0.763737	0.590068
1.016274	0.638601	0.530058	0.717407	0.459487	0.715205	0.487134	0.68206	0.68983	0.525878
1.08245	0.70967	0.532283	0.777268	0.522198	0.878887	0.567762	0.535981	0.590039	0.432006
0.861107	0.521771	0.849829	0.856041	0.891163	1.194429	0.700037	0.600236	0.690911	0.585871
0.662991	0.593121	0.940529	0.805685	0.663008	0.718716	0.558028	0.710865	0.829917	0.602043
0.709335	0.744448	0.784031	0.802897	0.550998	0.631694	0.521136	0.68099	0.939444	0.827782
0.83858	0.6465	0.567901	0.90415	0.782492	1.027332	0.602771	0.683134	0.8804	0.578416
0.786898	0.535442	0.666185	0.768195	0.921342	0.931188	0.805258	0.655049	0.783356	0.609036
0.670379	0.823669	0.778754	0.797374	0.739311	0.704839	0.780466	0.714314	0.851285	0.839609
0.689977	0.674274	0.78536	0.681292	0.653976	0.632656	0.546159	0.722472	0.583234	0.795473
0.835455	0.662743	0.794781	0.638333	0.42591	0.737935	0.591362	0.751667	0.530827	0.646761
0.673585	0.501324	0.616519	0.860778	0.514205	0.75548	0.510222	0.594941	0.563438	0.633507
0.735739	0.525525	0.744719	0.95826	0.830444	0.824649	0.57856	0.677794	0.526362	0.609036
0.752132	0.69942	0.837646	0.819899	0.866172	0.667772	0.562868	0.77228	0.840469	0.732567
0.64155	0.501324	0.78536	0.610694	0.617782	0.537794	0.659697	0.806585	0.665703	0.746855
0.778624	0.612954	0.730408	0.634544	0.434214	0.42996	0.467811	0.672519	0.501193	0.611688

0.623979	0.485908	0.595381	0.594058	0.606952	0.611954	0.521874	0.599349	0.524147	0.660431
0.665089	0.553562	0.551277	0.627993	0.729745	0.710567	0.532332	0.736824	0.403948	0.569474
0.874525	0.811844	0.707557	0.43477	0.606952	0.849331	0.579402	0.627723	0.665703	0.751723
0.775901	0.653532	0.770957	0.505747	0.547097	0.873819	0.744511	0.805159	0.552293	0.75913
0.71167	0.561683	0.91467	0.80151	0.679545	1.006325	0.584487	0.676734	0.416987	0.551353
0.58555	0.558416	0.764564	0.786536	0.858151	0.981957	0.539959	0.499289	0.464372	0.678665
0.94262	0.905906	0.760774	0.47269	0.755318	0.794246	0.771194	0.843834	0.522676	0.819119
1.141244	0.832754	0.752055	0.449913	0.752817	0.530116	0.674127	0.73561	0.606641	0.72101
0.64155	0.505625	0.680587	0.48588	0.633602	0.569943	0.783151	0.648054	0.641878	0.718735
0.49074	0.521024	0.854487	0.502952	0.6806	0.669867	0.70115	0.800911	0.565864	0.786098
0.533616	0.76099	0.859196	0.809901	0.953776	0.586957	0.654658	0.816697	0.666724	0.800922
0.668256	0.832754	0.634014	0.69408	0.771938	0.456758	0.672036	0.981849	0.778037	0.644842
0.829272	0.621336	0.524181	0.375853	0.666061	0.510037	0.809531	0.613762	0.634218	0.666424
0.562528	0.44645	0.573586	0.511391	0.844077	0.574135	0.718211	0.553163	0.592619	0.579238
0.555935	0.556792	0.715419	0.571462	0.757834	0.611954	0.47504	0.472016	0.511802	0.814852
0.350068	0.419044	0.629341	0.550761	0.73093	0.512223	0.604553	0.483398	0.68983	1.005481
0.404225	0.549558	0.448076	0.375853	0.489711	0.49927	0.710166	0.733192	0.765017	0.794121
0.363512	0.394379	0.415069	0.430033	0.550998	0.422174	0.647699	0.506384	0.66063	0.604652
0.379016	0.539318	0.545108	0.46369	0.754066	0.580071	0.660712	0.557165	0.532326	0.499755
0.419486	0.767524	0.457986	0.402651	0.738104	0.36549	0.572713	0.617441	0.467594	0.690196
0.436545	0.610196	0.58351	0.603612	0.543232	0.340192	0.566943	0.660114	0.707442	0.880432
0.528211	0.566629	0.458613	0.53249	0.480288	0.53857	0.580245	0.490236	0.678124	0.524425
0.458855	0.516568	0.371885	0.408775	0.65497	0.585225	0.624654	0.449481	0.634218	0.351927
0.412964	0.567458	0.370346	0.489917	0.578492	0.398493	0.436998	0.312348	0.53383	0.310127
0.446602	0.468368	0.427155	0.507151	0.561306	0.385753	0.593968	0.416273	0.630438	0.369842
0.565027	0.547967	0.46113	0.53774	0.534092	0.404151	0.434576	0.512144	0.606641	0.519378
0.533616	0.525525	0.372914	0.401547	0.470413	0.521823	0.529318	0.520192	0.419875	0.376498
0.386703	0.501324	0.391326	0.456121	0.456325	0.447221	0.450563	0.388687	0.370115	0.469965
0.40538	0.537763	0.34741	0.528778	0.636455	0.518846	0.500277	0.468724	0.509659	0.354862
0.425502	0.487287	0.386516	0.496729	0.497955	0.398493	0.542274	0.461569	0.597824	0.436722
0.519851	0.392154	0.334019	0.46881	0.393106	0.390694	0.429773	0.398618	0.53383	0.427341
0.429763	0.350905	0.359725	0.489917	0.400246	0.44848	0.357351	0.525391	0.420454	0.448739
0.455597	0.52402	0.364245	0.609802	0.342756	0.412778	0.351828	0.475333	0.474109	0.567868
0.449793	0.584397	0.388113	0.47595	0.44329	0.432384	0.436998	0.443251	0.543733	0.384832
0.358811	0.385548	0.404972	0.407656	0.444515	0.403013	0.368095	0.341196	0.413548	0.351927
0.432833	0.379578	0.251492	0.355049	0.467818	0.463887	0.391507	0.393624	0.419875	0.417025
0.45951	0.413764	0.237316	0.443792	0.371845	0.503545	0.332791	0.478005	0.384293	0.419296
0.377386	0.411438	0.354757	0.512102	0.307369	0.317218	0.43337	0.462214	0.518294	0.464245
0.429763	0.466389	0.401657	0.522905	0.336017	0.451011	0.43518	0.520931	0.506112	0.421008
0.513129	0.432835	0.427739	0.434175	0.420655	0.458691	0.380709	0.523899	0.432812	0.414765
0.551055	0.473021	0.464933	0.553882	0.470413	0.525573	0.453706	0.539055	0.391289	0.343239
0.535173	0.426785	0.434215	0.600985	0.421235	0.487383	0.394249	0.330092	0.358392	0.375467
0.50724	0.404534	0.335907	0.564987	0.396936	0.430565	0.262813	0.3476	0.382163	0.372902
0.397358	0.395496	0.374979	0.37846	0.42591	0.422174	0.313183	0.239245	0.358895	0.339432
0.498553	0.322115	0.236563	0.370173	0.531088	0.521077	0.425023	0.374731	0.376884	0.344195
0.483757	0.396055	0.295298	0.492629	0.457587	0.632656	0.43337	0.397503	0.33969	0.327287
0.539877	0.48522	0.31966	0.504347	0.372884	0.452918	0.459421	0.430453	0.343075	0.371369

0.592613	0.583535	0.496618	0.686575	0.487675	0.547192	0.335186	0.371049	0.467594	0.470605
0.522873	0.590486	0.616519	0.481881	0.493127	0.611036	0.38392	0.504956	0.521943	0.49907
0.651628	0.666901	0.525643	0.578864	0.611432	0.569943	0.341961	0.591447	0.443079	0.495663
0.661945	0.671099	0.488477	0.645043	0.554143	0.548778	0.423843	0.408211	0.355884	0.451183
0.902672	0.572471	0.514798	0.645043	0.545547	0.64736	0.426798	0.420361	0.410135	0.508755
0.965111	0.700547	0.673326	0.831616	0.586071	0.599275	0.574375	0.623956	0.49633	0.437315
0.86609	0.572471	0.621055	0.609802	0.632656	0.580926	0.500277	0.625835	0.439427	0.474467
0.86609	0.654546	0.594522	0.573096	0.577658	0.601961	0.415675	0.499289	0.478728	0.599449
0.971452	0.843598	0.763297	0.606254	0.696737	0.621242	0.436998	0.475999	0.573223	0.675572
0.815674	0.828188	0.706446	0.611588	0.615959	0.962989	0.780466	0.94498	0.62113	0.664417
0.777261	0.55923	0.738698	0.573096	0.71923	0.919838	0.810965	1.029234	0.725799	0.882082
0.773195	0.607455	0.675388	0.603612	0.754066	0.652373	0.670994	0.948926	0.62483	0.984061
0.551865	0.494249	0.92373	0.58387	0.756574	0.519589	0.566125	0.610114	0.611117	0.851766
0.457549	0.508516	0.738698	0.590635	0.685913	0.599275	0.50098	0.697333	0.544505	0.72675
0.625897	0.561683	0.659159	0.515673	0.779829	0.739165	0.543824	0.806585	0.470188	0.603781
0.637584	0.530074	0.554395	0.568212	0.84101	0.805579	0.776468	0.827049	0.568303	0.807831
0.413553	0.418454	0.529319	0.71855	0.830444	0.573293	0.744511	0.679922	0.539134	0.788756
0.603427	0.607455	0.530799	0.555451	0.633602	0.56332	0.4462	0.542151	0.555448	0.672501
0.620169	0.872796	0.626562	0.4444	0.667084	0.635557	0.505932	0.670427	0.558627	0.549044
0.655726	0.895175	0.703128	0.576383	0.76934	0.616573	0.842222	0.839192	0.55308	0.641981
0.469449	0.603827	0.555962	0.609802	0.768046	0.771104	0.89465	0.751667	0.498408	0.74204
0.617334	0.522519	0.576046	0.582195	0.65497	0.537794	0.583636	0.492309	0.655616	0.73374
0.730818	0.91877	0.662156	0.543054	0.498649	0.435434	0.531577	0.53369	0.744965	0.79143
0.723538	0.851514	0.616519	0.430622	0.626086	0.540125	0.837617	0.531411	0.628561	0.559139
0.615454	0.749471	0.520548	0.621539	0.891163	0.795647	0.798228	0.532929	0.619293	0.545223
0.54944	0.554367	0.481147	0.513527	0.686983	0.817215	0.781806	0.537516	0.705201	0.533217
0.535953	0.540877	0.552055	0.705032	0.697835	0.586957	0.580245	0.515784	0.688753	0.610802
0.64656	0.70281	0.529319	0.616083	0.73093	0.616573	0.612664	0.426864	0.634218	0.459847
0.846492	1.028533	0.58184	0.703924	0.82013	0.607383	0.703387	0.46938	0.584079	0.518661
0.688865	0.741958	0.6238	0.697337	0.761635	0.689191	0.725227	0.408211	0.49495	0.397641
0.495696	0.521771	0.542817	0.723151	0.556518	0.75293	0.636985	0.591447	0.613825	0.536933
0.621119	0.803182	0.608471	0.800127	0.61505	0.627864	0.576881	0.599349	0.825472	0.62887
0.923138	1.038247	0.45736	0.71855	0.7369	0.767145	0.682593	0.612847	0.808132	0.750501
0.969328	0.991714	0.537518	0.766914	0.702252	0.684822	0.776468	0.623956	0.758651	0.603781
0.745754	0.710824	0.842175	0.777268	0.69021	0.731837	0.508787	0.587981	0.784696	0.563085
0.612648	0.757116	0.825796	0.797374	0.550215	0.527838	0.46716	0.619293	0.746192	0.589226
0.829272	0.838917	0.815685	0.709492	0.597257	0.555181	0.592229	0.552367	0.77409	0.429667
0.717563	0.739482	0.48247	0.793278	0.65497	0.664648	0.944412	0.652037	0.644786	0.536187
0.809764	0.489364	0.407753	0.807086	0.6233	0.674088	0.705635	0.483398	0.783356	0.668441
0.71167	0.557603	0.640642	0.730146	0.636455	0.999542	0.721705	0.604698	1.007799	0.821988
0.756004	0.504905	0.748371	0.670916	0.625155	0.901557	0.768581	0.770963	0.678124	0.794121
0.789691	0.569123	0.715419	0.716268	0.548653	0.818691	0.600111	0.842281	0.524147	0.645801
0.654698	0.46311	0.609358	0.72547	0.626086	0.827659	0.593968	0.609206	0.390747	0.506662
0.603427	0.768843	0.692248	0.637382	0.527361	0.811358	0.580245	0.687453	0.611117	0.505966
0.722336	0.80605	0.712032	0.51783	0.562913	0.637502	0.546941	0.697333	0.63995	0.50044
0.829272	0.642533	0.664166	0.506449	0.664024	0.552769	0.698926	0.866179	0.582391	0.848695
0.636598	0.494951	0.800258	0.611588	0.721545	0.560863	0.487134	0.70858	0.541428	0.632576

0.50724	0.59666	0.891964	0.819899	0.735699	0.784567	0.437605	0.694014	0.550724	0.507358
0.778624	0.911372	0.860777	0.790568	0.896339	0.671972	0.589633	0.922033	0.722297	0.69126
0.747022	0.989513	0.699835	0.469454	0.727387	0.599275	0.444962	0.647064	0.669804	0.867458
0.608936	0.743201	0.515513	0.393353	0.655967	0.724631	0.726407	0.647064	0.61655	0.688077
0.64155	0.539318	0.672299	0.496043	0.82452	0.820173	0.709029	0.712011	0.501893	0.641981
0.569223	0.631805	0.67746	0.743269	0.906879	0.775099	0.690138	0.94498	0.741307	0.994639
0.623979	0.622277	0.682684	0.717407	0.65897	0.473133	0.600996	0.893209	0.852852	0.861113
0.639563	0.861207	0.601441	0.66887	0.706715	0.530116	0.680461	0.671472	0.790097	0.661424
0.576881	0.780894	0.715419	0.693	0.713497	0.635557	0.938593	0.690722	0.611117	0.585871
0.657789	0.84517	0.598833	0.817019	0.854984	0.658467	0.824086	0.653039	0.700754	0.786098
0.69221	1.079433	0.589405	0.732502	0.773244	0.518846	0.746982	0.937196	0.835915	0.969673
0.717563	0.972297	0.446853	0.625216	0.682717	0.638478	0.746982	0.700676	0.60045	0.732567
0.562528	0.774158	0.445633	0.548434	0.674309	0.489457	0.819668	0.523899	0.663667	0.6064
0.538303	0.70281	0.500056	0.698428	0.666061	0.589567	0.839147	0.618366	0.654621	0.554451
0.724743	0.81477	0.438387	0.783868	0.856565	0.529355	0.703387	0.632478	0.576535	0.685967
0.748294	0.900507	0.723426	0.863965	0.624227	0.545611	0.72405	0.594941	0.673944	0.699864
0.687755	0.696056	0.57114	0.676073	0.39914	0.44785	0.691227	0.675676	0.837428	0.6064
0.57261	0.550356	0.449917	0.563383	0.371845	0.59572	0.809531	0.648054	0.775401	0.588384
0.429763	0.599334	0.560698	0.72547	0.566959	0.665687	0.78994	0.548409	0.754876	0.685967
0.640555	0.710824	0.60057	0.834595	0.547875	0.475141	0.810965	0.55556	0.664683	0.709752
0.67898	0.714305	0.59281	0.821347	0.451936	0.487383	0.718211	0.505669	0.562632	0.453025
0.602515	0.385548	0.385454	0.6499	0.552568	0.802718	0.533847	0.486804	0.55308	0.427922
0.509439	0.427386	0.36223	0.634544	0.509195	0.666728	0.475703	0.529144	0.553868	0.535443
0.805384	0.677472	0.453002	0.566596	0.453186	0.526327	0.517468	0.425675	0.657615	0.544463
0.695581	0.589611	0.498677	0.618803	0.451313	0.490151	0.521874	0.44511	0.563438	0.539929
0.601605	0.416689	0.604942	0.560988	0.534846	0.611036	0.584487	0.549198	0.507527	0.399813
0.448514	0.407397	0.491174	0.488567	0.624227	0.65541	0.420324	0.635356	0.506112	0.380125
0.57261	0.423195	0.591104	0.543054	0.558905	0.539347	0.398673	0.477335	0.570756	0.453641
0.581194	0.273902	0.340663	0.36558	0.373404	0.590441	0.425023	0.490236	0.663667	0.567868
0.50578	0.398863	0.580177	0.335196	0.371327	0.632656	0.487816	0.5661	0.504701	0.466143
0.539089	0.3983	0.526376	0.431212	0.509907	0.547192	0.526325	0.652037	0.299684	0.335659
0.411202	0.24135	0.523452	0.491949	0.651006	0.4718	0.518199	0.631523	0.367539	0.359302
0.524391	0.394937	0.560698	0.450529	0.47237	0.467167	0.453075	0.566922	0.476083	0.646761
0.575167	0.469029	0.47524	0.396612	0.505651	0.362375	0.408794	0.645091	0.497714	0.553674
0.439663	0.477049	0.493208	0.361538	0.498649	0.460632	0.517468	0.588845	0.501193	0.522977
0.502151	0.47102	0.498677	0.314403	0.418339	0.445338	0.707894	0.585399	0.501193	0.503886
0.474166	0.506346	0.642554	0.437756	0.521465	0.447221	0.428581	0.589711	0.474766	0.517232
0.39284	0.52402	0.548954	0.327223	0.459487	0.290549	0.352327	0.623956	0.457368	0.590068
0.562528	0.667947	0.509123	0.481218	0.561306	0.281439	0.456871	0.576062	0.390747	0.504578
0.680068	0.706227	0.560698	0.536233	0.648057	0.628818	0.837617	0.5071	0.49564	0.525151
0.837015	0.653532	0.790719	0.779896	0.638367	0.579218	0.700037	0.545269	0.430431	0.49907
0.874525	0.905906	0.916467	0.890338	0.915862	0.704839	1.007341	0.678857	0.546827	0.567067
1.412	1.664236	0.963989	1.063414	1.679377	0.965056	0.85954	0.834598	0.55308	0.56547
1.303456	1.12258	0.897099	1.07626	1.036441	0.836815	0.808102	0.710865	0.776717	0.692326
1.281171	0.478109	0.687604	1.594023	0.861342	0.946797	1.615768	0.850102	1.168898	0.932862
0.059118	0	0	0.343802	1.325093	0.948789	0.89845	1.90659	0.93661	0.940357
0	0	0	0	0	0	0	0	0.468305	1.165621

0.059118	0	1.244998	0	0	0	0	0	0	0.234152
1.043051	0.551085	0.275542	0	0	2.066339	0	1.634933	0	0
1.191233	0.797068	1.34848	0.137771	0.068886	1.396586	0.017221	0	0	0
0.304872	0.909496	1.484597	2.419309	0.103328	0.034443	0.008611	0.004305	0.002153	1.265078
0.521066	0.965709	1.021923	1.291133	1.233881	0.068886	0.021527	0.015069	3.090584	0.782612
1.317398	0.993816	1.405638	1.522876	1.176629	1.608841	0.942298	1.071782	0.543425	1.125154
1.119749	1.153368	1.144963	1.160796	0.899824	0.812815	1.172951	1.719611	1.151226	1.388954
1.186988	1.136559	1.498127	1.117246	0.984555	0.795647	2.133184	1.230669	1.309811	1.539779
1.495952	1.161773	0.870386	0.982784	1.560376	2.066339	1.244365	1.644658	1.216973	1.184957
1.235831	1.198802	0.732761	1.046046	3.914484	1.557283	1.246471	0.931448	1.152941	0.968725
0.635614	1.347107	1.471475	1.44316	1.098132	0.737935	1.248577	0.999296	1.076119	1.11453
0.826213	1.286523	1.484597	1.431189	1.170061	0.551168	1.05	1.34937	1.439791	1.338864
1.406167	1.18434	1.27272	0.999939	1.773034	1.231069	1.29022	1.39458	1.439791	1.076915
1.09596	1.110871	0.948209	0.862368	1.590614	2.405634	2.559153	1.634933	0.959046	1.483481
1.125782	1.066138	0.807203	1.408193	2.78415	2.122095	1.51776	0.426269	1.086263	1.388954
0.717563	1.159241	1.215342	1.629818	0.831938	0.614719	0.891181	0.584542	1.549629	0.89893
0.906322	1.17916	0.948209	1.07626	1.008598	0.653383	1.094542	1.431391	1.427826	0.85331
2.683302	1.588249	0.843695	0.843657	1.147824	0.703703	1.156732	1.113133	0.832906	0.932862
1.154022	1.473984	0.667198	1.029346	1.7863	1.072664	1.120113	0.749157	0.838946	1.056688
0.681158	1.200037	1.033555	1.639247	0.967868	0.776439	1.007341	0.741716	1.266947	1.298246
0.564193	1.066138	1.581174	1.355525	0.930632	0.946797	1.298551	0.905585	0.766302	1.087393
0.861107	1.04071	0.929257	0.999939	1.260308	0.811358	1.078294	0.854863	0.906248	1.21606
1.294404	1.389081	0.868769	1.034052	1.418247	0.767145	0.996199	1.202758	0.904476	1.338864
0.702404	1.579622	0.968025	1.223892	1.668972	1.219749	1.469378	0.751667	0.883758	1.963251
0.675735	0.874477	0.852929	1.402629	1.51481	0.666728	1.138036	0.774927	1.13755	1.631461
0.851309	0.740718	1.229917	0.93883	1.264339	0.698064	0.822609	0.673569	0.870476	1.134981
0.796014	1.554722	1.21894	1.034052	2.434957	1.2753	1.532634	1.288993	0.971246	1.298246
0.734784	1.110425	1.060296	1.734824	1.417838	1.346569	1.282146	1.840054	0.926231	1.231953
1.160555	1.164821	1.260622	1.594023	1.560376	0.811358	1.24078	0.81963	1.165659	2.194497
1.341677	1.169087	2.063316	1.545321	1.244548	0.61012	0.843768	0.910998	2.161165	1.427805
1.015138	2.292832	1.357204	1.396561	1.435918	0.885737	1.032909	1.425413	3.090584	1.451674
0	0	1.777706	0.831616	0.858676	0.637242	0.422573	1.128603	1.519458	2.194497
0	0	0	1.402629	0.415808	0.207904	0.103952	0.263262	1.224297	0.612148
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0	1.454341	0	1.658743	1.967541	2.53826	0	0	2.879731	0
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0.786728	0.393364	0.196682	1.14689	0	0	0	0	0	2.721923
1.580853	1.588249	1.458738	1.302814	1.568457	0.561524	1.123049	0.997077	0	0
1.790196	1.519796	1.091479	2.105821	2.66733	1.345753	2.104026	0.336438	0	0
1.83446	1.245224	1.171431	1.134534	0.928758	2.304176	0.672877	0.168219	0.08411	0.042055
1.398969	1.282716	1.208328	1.097637	0.949832	2.466903	0.82983	0.420548	0.652974	0.885399
1.582375	0.837368	1.320207	1.668829	1.023734	0.986783	1.450187	1.024195	1.146719	1.08475

[illegible]

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140	141	142	143	144	145	146	147	148	149
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0.503027	2.443832	0.386419	0.786313	2.276269	0.656846	0	0	0	0
1.01952	0.772838	1.186206	2.313505	1.369876	1.313692	1.980038	0.929077	2.120425	1.504041
0.855064	0.71617	0.709946	0.900283	0.793548	0.607744	0.818613	1.039542	1.09995	0.971283
0.904439	0.739906	0.674041	0.594507	0.698409	0.561029	0.587133	0.709867	0.831841	0.627642
1.283216	1.008013	0.756602	0.467526	0.461904	0.47576	0.500053	0.495611	0.606791	0.463537
1.021798	0.960909	0.577942	0.179166	0.220908	0.579957	0.647291	0.55104	0.750954	0.659382
0.513343	0.822998	0.950823	0.647991	0.457479	0.700344	0.729767	0.535754	0.705452	0.610367
0.450786	0.628609	0.669884	1.044618	0.705031	0.875703	0.718276	0.647312	0.545183	0.352524
0.615928	0.604732	0.491687	0.934963	0.737346	0.585885	0.495277	0.541043	0.366313	0.414881
0.594063	0.668114	0.463782	0.792138	0.575248	0.606848	0.60076	0.456983	0.592041	0.506953
0.600941	0.582101	0.466364	0.586768	0.42245	0.648122	0.736811	0.541804	0.509895	0.446094
0.476037	0.404327	0.422675	0.65993	0.388424	0.669296	0.485878	0.646342	0.638835	0.375779
0.59236	0.45002	0.356053	0.506106	0.456223	0.535997	0.432221	0.451381	0.532355	0.462902
0.55183	0.47713	0.465071	0.476689	0.253866	0.367915	0.533561	0.451381	0.504283	0.509066
0.726701	0.588079	0.549593	0.431498	0.298162	0.541351	0.495956	0.495611	0.421986	0.26459
0.526283	0.475137	0.640879	0.362221	0.412696	0.542893	0.578007	0.558098	0.531612	0.209535
0.653378	0.55418	0.615511	0.432692	0.354384	0.42522	0.365942	0.479481	0.54137	0.438228
0.494629	0.532462	0.54569	0.496308	0.457479	0.514493	0.379244	0.373985	0.463086	0.328583
0.546446	0.506759	0.501402	0.572515	0.434212	0.403956	0.309336	0.390868	0.501504	0.207415
0.529212	0.498985	0.517122	0.417422	0.469597	0.47378	0.375622	0.425572	0.421409	0.332796
0.527745	0.543961	0.60917	0.684839	0.525425	0.491253	0.354506	0.5685	0.431902	0.449773

0.458208	0.367622	0.622874	0.624126	0.526161	0.529208	0.402726	0.514503	0.479889	0.530035
0.396115	0.348385	0.384052	0.519038	0.351911	0.271141	0.447148	0.488817	0.546717	0.57282
0.369378	0.317335	0.30495	0.364258	0.484064	0.462724	0.461348	0.442203	0.47076	0.416019
0.371416	0.432242	0.318092	0.384108	0.362394	0.391243	0.439322	0.317761	0.363279	0.58024
0.369378	0.357391	0.416283	0.499782	0.455596	0.351703	0.296266	0.346418	0.317879	0.471233
0.350474	0.394305	0.54881	0.463657	0.510959	0.428175	0.352059	0.431439	0.313814	0.388961
0.453246	0.476465	0.48827	0.42912	0.476113	0.41188	0.401631	0.494244	0.3252	0.355983
0.481926	0.544739	0.436352	0.573341	0.641031	0.483101	0.331566	0.411243	0.349886	0.528556
0.517614	0.440122	0.438776	0.447898	0.621328	0.418209	0.450808	0.473584	0.406688	0.586945
0.597488	0.531706	0.649675	0.411689	0.500417	0.496774	0.313334	0.355745	0.313364	0.453484
0.606171	0.537025	0.653642	0.391656	0.543446	0.367915	0.398904	0.357734	0.308009	0.504152
0.332827	0.591532	0.437562	0.432094	0.596376	0.331303	0.521862	0.510233	0.40336	0.462268
0.327254	0.333299	0.28446	0.41627	0.538112	0.451316	0.523307	0.519538	0.427207	0.545878
0.324494	0.392657	0.376092	0.429713	0.472192	0.511609	0.476679	0.398465	0.423719	0.443052
0.297819	0.304615	0.478175	0.452254	0.425945	0.337997	0.395116	0.37554	0.435456	0.388426
0.389142	0.301492	0.272697	0.399337	0.339751	0.28244	0.434575	0.391945	0.363279	0.494489
0.45634	0.481145	0.356053	0.441142	0.376256	0.360747	0.447755	0.4483	0.465629	0.548189
0.373978	0.494109	0.450474	0.556325	0.428291	0.336074	0.451421	0.365276	0.416257	0.497228
0.399917	0.658907	0.555117	0.612216	0.482063	0.415897	0.400538	0.329745	0.430723	0.372675
0.453863	0.5924	0.61007	0.511806	0.547296	0.384756	0.463866	0.434402	0.487869	0.319364
0.426342	0.52126	0.514221	0.472083	0.541152	0.38907	0.443518	0.48546	0.419112	0.286861
0.340846	0.49066	0.529671	0.555532	0.339751	0.542121	0.48257	0.292162	0.502891	0.413179
0.385961	0.637189	0.48353	0.512524	0.369527	0.37678	0.395655	0.416347	0.53087	0.567134
0.619531	0.642031	0.547247	0.474709	0.36442	0.368948	0.507667	0.419209	0.623892	0.451007
0.490577	0.643005	0.388358	0.366306	0.529118	0.471153	0.558736	0.517373	0.678608	0.613948
0.318121	0.446282	0.371385	0.440533	0.411563	0.497469	0.490552	0.309208	0.568788	0.620285
0.282983	0.446902	0.36314	0.602387	0.42187	0.521789	0.558736	0.387652	0.458044	0.51762
0.506317	0.650883	0.348585	0.516131	0.477428	0.471153	0.570679	0.45262	0.520618	0.385761
0.507015	0.623914	0.408281	0.494926	0.551962	0.424631	0.578828	0.424408	0.524982	0.386825
0.556499	0.61927	0.398759	0.532366	0.583577	0.44696	0.531344	0.37606	0.603275	0.490413
0.607929	0.606523	0.367759	0.570048	0.472843	0.565888	0.512582	0.477506	0.565565	0.532263
0.497351	0.668114	0.475523	0.626921	0.47677	0.42287	0.489211	0.470988	0.607675	0.410358
0.780879	0.825962	0.604696	0.678476	0.457479	0.357208	0.515417	0.395193	0.625732	0.439429
0.607049	0.687135	0.495132	0.672206	0.54268	0.471153	0.655065	0.377622	0.410602	0.321192
0.450173	0.582101	0.436957	0.542253	0.467018	0.428175	0.534303	0.355249	0.571221	0.423489
0.516186	0.56546	0.475523	0.583372	0.35787	0.515217	0.554826	0.503209	0.568788	0.58024
0.6399	0.620194	0.403774	0.589332	0.417259	0.531459	0.585459	0.464566	0.561571	0.440031
0.507015	0.61927	0.402096	0.454762	0.494212	0.521053	0.66398	0.515935	0.519173	0.473178
0.539621	0.558175	0.409415	0.410552	0.468951	0.476423	0.519703	0.440994	0.576127	0.471233
0.57733	0.556573	0.443663	0.480009	0.45497	0.629816	0.466399	0.474887	0.709906	0.51048
0.50009	0.5924	0.443663	0.646033	0.43065	0.59624	0.455117	0.499048	0.583593	0.595473
0.591511	0.55418	0.420922	0.567595	0.440215	0.661108	0.581303	0.537258	0.498742	0.485705
0.642753	0.617426	0.450474	0.680587	0.450615	0.524001	0.669013	0.526834	0.598054	0.610367
0.642753	0.537791	0.596757	0.729818	0.520307	0.532967	0.587972	0.508819	0.662259	0.533008
0.4551	0.533219	0.588104	0.676376	0.569512	0.63743	0.375622	0.473584	0.735251	0.47448
0.624077	0.492726	0.400424	0.482013	0.404268	0.543666	0.400538	0.419209	0.600657	0.430502
0.716405	0.530198	0.40715	0.670135	0.480071	0.702569	0.549412	0.44039	0.610336	0.461002

0.658294	0.440122	0.671957	0.782668	0.503902	0.69813	0.586295	0.407873	0.522794	0.537507
0.514052	0.453791	0.61007	0.668075	0.552744	0.623262	0.48257	0.502512	0.71215	0.552848
0.67647	0.418061	0.498604	0.505399	0.553528	0.606848	0.591346	0.544861	0.690215	0.527082
0.682702	0.475137	0.48827	0.630677	0.589503	0.703686	0.57555	0.654163	0.479889	0.570374
0.594917	0.502501	0.586393	0.740614	0.614052	0.669296	0.577186	0.653177	0.496683	0.526347
0.691152	0.429846	0.681413	0.705624	0.508122	0.524001	0.496636	0.65515	0.687019	0.676685
0.56519	0.493417	0.699856	0.583372	0.437204	0.574939	0.439919	0.458866	0.786837	0.705667
0.583946	0.464009	0.543365	0.367333	0.44264	0.570802	0.570679	0.45262	0.500812	0.468652
0.687964	0.418642	0.422675	0.367847	0.496271	0.672407	0.598172	0.704296	0.556825	0.418877
0.660277	0.475137	0.679294	0.725105	0.595511	0.621407	0.599896	0.65614	0.659261	0.457227
0.468306	0.573701	0.590682	0.571691	0.602481	0.656067	0.417791	0.474887	0.595467	0.378907
0.640849	0.723156	0.689994	0.531615	0.478088	0.545216	0.420068	0.538013	0.510602	0.336575
0.787486	0.473813	0.579619	0.499782	0.42245	0.63743	0.542548	0.677464	0.438441	0.443052
0.684799	0.491347	0.678238	0.495617	0.441426	0.822583	0.580477	0.520262	0.433084	0.438828
0.550285	0.511058	0.782625	0.646033	0.564655	0.677642	0.378206	0.539525	0.607675	0.601544
0.457585	0.670187	0.750333	0.68698	0.594648	0.603283	0.35845	0.508819	0.527181	0.667439
0.736062	0.645943	0.708813	0.56678	0.487421	0.526969	0.519703	0.73765	0.489213	0.551289
0.79555	0.581253	0.697645	0.561119	0.500417	0.542893	0.397277	0.717788	0.446908	0.537507
0.487897	0.492036	0.779951	0.562729	0.523224	0.616805	0.325557	0.609223	0.438441	0.499985
0.598349	0.541637	0.807458	0.546117	0.593786	0.50026	0.348172	0.717788	0.532355	0.605052
0.531422	0.45253	0.760407	0.478678	0.6647	0.561029	0.547877	0.718932	0.598054	0.657391
0.614138	0.488603	0.615511	0.596246	0.599854	0.570802	0.531344	0.680598	0.481209	0.624868
0.651426	0.545518	0.514944	0.572515	0.767097	0.828506	0.553272	0.488817	0.462452	0.52488
0.622253	0.61927	0.655639	0.557918	0.793548	0.627933	0.388167	0.574206	0.507782	0.617557
0.708563	0.640088	0.720277	0.528623	0.861295	0.483774	0.404925	0.670239	0.643612	0.675648
0.581453	0.497586	0.590682	0.377741	0.595511	0.487838	0.556386	0.569311	0.519173	0.791281
0.589819	0.530198	0.521509	0.436293	0.593786	0.629816	0.785608	0.55338	0.449973	0.634183
0.58478	0.484519	0.653642	0.480009	0.518132	0.624192	0.577186	0.50741	0.439641	0.570374
0.533642	0.679639	0.788022	0.716977	0.673919	0.657071	0.635886	0.692285	0.642652	0.723801
0.515473	0.590666	0.746614	0.782668	0.739749	0.515943	0.624772	0.835075	0.753421	0.686132
0.694364	0.723156	0.586393	0.4847	0.638161	0.521053	0.531344	0.658126	0.685958	0.555197
0.736062	0.54708	0.652647	0.485374	0.726695	0.597114	0.659995	0.552598	0.565565	0.494489
0.489905	0.554976	0.684611	0.649958	0.748265	0.605062	0.673081	0.514503	0.455544	0.807815
0.426923	0.666051	0.707683	0.75544	0.685459	0.58931	0.660988	0.56447	0.579429	0.706779
0.362317	0.574533	0.602919	0.722767	0.593786	0.491253	0.567462	0.530528	0.653326	0.504851
0.466395	0.57788	0.542593	0.492862	0.51958	0.479082	0.683423	0.538013	0.69236	0.454728
0.638953	0.626725	0.467661	0.508235	0.651719	0.560225	0.506969	0.504604	0.569597	0.547417
0.544159	0.620194	0.475523	0.50118	0.614955	0.514493	0.643456	0.71551	0.746061	0.56232
0.648516	0.804209	0.688912	0.674286	0.463815	0.548333	0.828731	0.558098	0.702142	0.71464
0.669311	0.629554	0.441824	0.539952	0.367988	0.581643	0.676158	0.464566	0.623892	0.54511
0.562803	0.588939	0.354549	0.569229	0.525425	0.655066	0.580477	0.392484	0.635994	0.449158
0.519765	0.774156	0.546468	0.678476	0.532095	0.553842	0.545585	0.414639	0.587796	0.444266
0.573246	0.723156	0.652647	0.654915	0.546523	0.451316	0.594746	0.551818	0.808756	0.55363
0.655338	0.787559	0.464426	0.635418	0.497648	0.59624	0.62113	0.597811	0.624811	0.504851
0.684799	0.80139	0.432144	0.499085	0.453098	0.667234	0.635886	0.5685	0.708788	0.418304
0.605295	0.608321	0.542593	0.75544	0.448761	0.597114	0.37152	0.412372	0.609447	0.484369
0.532901	0.79029	0.588961	0.806033	0.601604	0.505898	0.381849	0.322791	0.814413	0.68826

0.547978	0.679639	0.532677	0.750442	0.453721	0.644204	0.564269	0.41749	0.882053	0.726122
0.659284	0.533978	0.576271	0.657917	0.405941	0.607744	0.613045	0.525365	0.581922	0.472529
0.83828	0.746048	0.691079	0.698952	0.433022	0.686151	0.469585	0.598679	0.575306	0.532263
0.723241	0.81713	0.582993	0.738192	0.545752	0.71387	0.408245	0.415208	0.612119	0.687195
0.743217	0.69257	0.507053	0.735783	0.545752	0.657071	0.512582	0.476195	0.592041	0.489063
0.706348	0.633355	0.652647	0.702276	0.4065	0.61956	0.613045	0.574206	0.663263	0.541292
0.836785	0.595888	0.715655	0.622272	0.492845	0.433546	0.556386	0.749773	0.538344	0.502064
0.56201	0.451273	0.533432	0.583372	0.53887	0.632656	0.495956	0.776388	0.58443	0.565524
0.760387	0.616507	0.582147	0.585067	0.49903	0.606848	0.541792	0.63487	0.491915	0.607702
0.844308	0.774156	0.650663	0.569229	0.43065	0.656067	0.532082	0.721228	0.473998	0.47188
0.754177	0.617426	0.699856	0.50966	0.600728	0.747173	0.772564	0.614592	0.436648	0.460371
0.742017	0.536262	0.610972	0.516131	0.573602	0.666207	0.730933	0.679551	0.383385	0.577753
0.642753	0.431042	0.642818	0.4442	0.641031	0.569158	0.507667	0.489492	0.410602	0.557558
0.520485	0.387208	0.648688	0.440533	0.510959	0.598868	0.47733	0.601291	0.463086	0.612154
0.638953	0.56059	0.698749	0.536142	0.538112	0.805285	0.462605	0.660122	0.624811	0.594613
0.755412	0.702528	0.832291	0.642143	0.606009	0.739819	0.423505	0.572568	0.520618	0.819198
0.650454	0.599404	0.574607	0.536901	0.613151	0.612251	0.651161	0.546397	0.419112	0.727287
0.608811	0.507472	0.696544	0.503988	0.547296	0.429363	0.582961	0.647312	0.436648	0.607702
0.869296	0.715017	0.697645	0.588476	0.588651	0.467892	0.528404	0.757212	0.63411	0.566328
0.715276	0.68498	0.688912	0.525651	0.668773	0.744708	0.766186	0.75972	0.498742	0.592042
0.616826	0.569561	0.637026	0.412259	0.513098	0.456349	0.670026	0.627386	0.484526	0.776659
0.778264	0.660936	0.779951	0.536901	0.648778	0.405079	0.518985	0.585006	0.543654	0.624868
0.708563	0.513224	0.732051	0.708999	0.571143	0.593628	0.596456	0.509525	0.507782	0.670499
0.670326	0.548648	0.750333	0.546893	0.596376	0.540582	0.669013	0.632048	0.542891	0.508361
0.622253	0.672269	0.620099	0.342354	0.619498	0.488519	0.604235	0.597811	0.467546	0.567942
0.472154	0.572869	0.464426	0.370947	0.534342	0.623262	0.790938	0.537258	0.484526	0.820642
0.590664	0.434651	0.397653	0.393837	0.554314	0.47576	0.63215	0.586692	0.660258	0.809221
0.638008	0.479133	0.507053	0.468823	0.712887	0.467242	0.545585	0.640568	0.576127	0.469941
0.640849	0.493417	0.543365	0.450382	0.792186	0.766123	0.65703	0.681647	0.514153	0.440633
0.612355	0.735054	0.504218	0.494237	0.665714	0.665183	0.866924	0.702087	0.619326	0.723801
0.44895	0.597642	0.540284	0.48605	0.628729	0.505189	0.579652	0.534254	0.687019	0.803622
0.583113	0.586362	0.841407	0.609513	0.625939	0.66416	0.598172	0.658126	0.768525	0.650493
0.754177	0.599404	0.670919	0.489442	0.666731	0.678696	0.723984	0.906463	0.763431	0.638917
0.575692	0.704772	0.566379	0.482683	0.650736	0.551472	0.714887	0.659123	0.60856	0.656398
0.472799	0.657896	0.596757	0.638287	0.963223	0.821115	0.817186	0.549487	0.54137	0.734345
0.349016	0.4389	0.693257	0.793507	0.715158	0.532967	0.73445	0.532015	0.477261	0.71013
0.555717	0.71617	0.783968	0.592775	0.503203	0.406205	0.646329	0.513788	0.624811	0.643703
0.605295	0.852009	0.782625	0.506106	0.649756	0.530708	0.62113	0.551818	0.697767	0.680858
0.663267	0.759874	0.622874	0.511806	0.808813	0.716166	0.814348	0.649259	0.623892	0.666423
0.574875	0.687135	0.644766	0.625056	0.740955	0.593628	0.854333	0.490167	0.648442	0.741518
0.611466	0.513949	0.760407	0.729818	0.581061	0.437163	0.479287	0.432622	0.67653	0.558348
0.624992	0.557373	0.715655	0.612216	0.57856	0.53752	0.606859	0.723536	0.685958	0.532263
0.554158	0.495497	0.637986	0.474051	0.751967	0.625124	0.711524	0.721228	0.612119	0.627642
0.545683	0.58722	0.534188	0.481344	0.77226	0.715017	0.747595	0.601291	0.519173	0.934047
0.496669	0.531706	0.678238	0.609513	0.649756	0.487838	0.758654	0.577501	0.500121	0.612154
0.559639	0.56059	0.711082	0.528623	0.546523	0.257719	0.502806	0.52757	0.500121	0.634183
0.829391	0.74358	0.857037	0.438105	0.604241	0.394524	0.56268	0.535003	0.491238	0.626715

0.710789	0.766308	0.664742	0.462375	0.6647	0.532967	0.640602	0.562868	0.431902	0.590336
0.515473	0.554976	0.622874	0.539952	0.481398	0.654067	0.698328	0.4483	0.539099	0.561523
0.403202	0.37704	0.566379	0.601504	0.600728	0.59799	0.584625	0.560476	0.630366	0.586945
0.583946	0.55101	0.693257	0.557918	0.685459	0.477086	0.518269	0.536505	0.701044	0.706779
0.644665	0.644961	0.735646	0.474709	0.77226	0.578278	0.656046	0.50741	0.545949	0.748813
0.776963	0.831952	0.647704	0.478678	0.655672	0.629816	0.643456	0.741252	0.612119	1.061976
0.453863	0.646926	0.512058	0.567595	0.559056	0.485125	0.834621	0.63771	0.611227	0.98797
0.380189	0.541637	0.561517	0.634465	0.715158	0.606848	0.68763	0.560476	0.547486	0.700152
0.680614	0.652875	0.671957	0.497694	0.690808	0.456349	0.660988	0.650235	0.617513	0.621197
0.652401	0.570386	0.602919	0.465587	0.725527	0.502366	0.722836	0.602165	0.558401	0.57282
0.385961	0.558175	0.583841	0.487403	0.861295	0.710449	0.801797	0.738847	0.682793	0.768885
0.403752	0.546298	0.470266	0.646033	0.867718	0.646159	0.714887	0.597811	0.706561	0.847492
0.440483	0.489288	0.700965	0.69347	0.647802	0.660095	0.60076	0.567691	0.650389	0.68296
0.74684	0.676465	0.97729	0.657917	0.768382	0.604172	0.63215	0.503209	0.507782	0.576102
0.738434	0.948903	0.645743	0.734583	0.924676	0.572452	0.503497	0.624613	0.487869	0.612154
0.436905	0.579563	0.5252	0.517582	0.590356	0.491253	0.709297	0.596946	0.574485	0.802233
0.391811	0.462719	0.514221	0.524173	0.479409	0.540582	0.673081	0.56447	0.607675	0.800849
0.342277	0.511779	0.588104	0.625988	0.544982	0.466594	0.721691	0.38393	0.613014	0.538261
0.529212	0.552592	0.579619	0.524173	0.660664	0.496774	0.752475	0.328811	0.519895	0.541292
0.682702	0.609223	0.476184	0.549232	0.725527	0.681875	0.66398	0.360735	0.664269	0.707893
0.425185	0.579563	0.641847	0.790772	0.594648	0.507318	0.63215	0.395737	0.681743	0.706779
0.415465	0.725509	0.590682	0.738192	0.614052	0.432946	0.570679	0.510942	0.599787	0.569562
0.663267	0.798588	0.593275	0.69785	0.587801	0.485801	0.752475	0.460127	0.631299	0.511899
0.581453	0.660936	0.522245	0.69347	0.451234	0.483774	0.670026	0.430849	0.612119	0.598065
0.439287	0.578721	0.450474	0.543023	0.586107	0.69483	0.691878	0.503906	0.758397	0.506953
0.569199	0.729064	0.546468	0.633515	0.611354	0.653071	0.547877	0.578328	0.778894	0.787244
0.716405	0.927717	0.495132	0.559516	0.405383	0.451316	0.578828	0.687999	0.73763	0.606817
0.678537	0.663998	0.431546	0.573341	0.534342	0.628874	0.891564	0.697703	0.730531	0.551289
0.579799	0.694763	0.433943	0.855326	0.756952	0.669296	0.792281	0.548712	0.665278	0.489737
0.505621	0.595013	0.464426	0.741831	0.61586	0.665183	0.489211	0.59436	0.687019	0.445484
0.429251	0.660936	0.531923	0.651934	0.405383	0.472464	0.387107	0.515935	0.674462	0.528556
0.452014	0.746048	0.607374	0.676376	0.45685	0.604172	0.525484	0.529047	0.60503	0.428152
0.819245	0.732648	0.493062	0.991719	0.561447	0.784589	0.747595	0.458866	0.668318	0.482373
0.890714	0.672269	0.507764	0.940701	0.566268	0.630761	0.698328	0.382872	0.671379	0.608588
0.600941	0.6489	0.621947	0.830727	0.49903	0.763548	0.432221	0.397918	0.703242	0.691471
0.618628	0.783495	0.480176	0.591051	0.386817	0.574109	0.450195	0.613693	0.878739	0.582742
0.642753	0.700295	0.479508	0.584219	0.269493	0.667234	0.527672	0.579158	0.613014	0.575279
0.766688	0.617426	0.421506	0.578328	0.383092	0.652077	0.639655	0.589233	0.65431	0.544344
0.724391	0.590666	0.480844	0.476689	0.645856	0.896119	0.74397	0.741252	0.521342	0.442446
0.612355	0.852009	0.676134	0.627857	0.506711	0.700344	0.649222	0.70763	0.657273	0.605052
0.495307	0.61927	0.502808	0.550015	0.414972	0.526969	0.45947	0.632987	0.590338	0.662385
0.552605	0.415163	0.401538	0.56678	0.387352	0.529208	0.294553	0.4868	0.468829	0.42291
0.790158	0.511058	0.484879	0.704505	0.611354	0.4892	0.370501	0.581655	0.522794	0.421177
0.725544	0.656887	0.702078	0.594507	0.510959	0.617721	0.435757	0.546397	0.600657	0.470586
0.752946	0.638153	0.794864	0.655914	0.567077	0.592761	0.517554	0.620942	0.50708	0.635126
0.671344	0.57204	0.740487	0.708999	0.506711	0.851464	0.659004	0.606563	0.458044	0.513322
0.679575	0.589802	0.663722	0.626921	0.530604	0.802468	0.5905	0.587537	0.449973	0.509772

0.650454	0.62205	0.821893	0.776029	0.566268	0.5499	0.538031	0.713244	0.522794	0.687195
0.516186	0.601173	0.855448	0.495617	0.662677	0.568338	0.587133	0.833581	0.753421	0.761249
0.836785	0.527946	0.568831	0.44976	0.567887	0.716166	0.688688	0.738847	0.554471	0.689328
0.764157	0.434651	0.664742	0.452254	0.595511	0.857796	0.680295	0.705404	0.484526	0.514035
0.680614	0.44196	0.775971	0.568411	0.544213	0.623262	0.487208	0.804741	0.559191	0.592042
0.611466	0.480473	0.700965	0.561119	0.646828	0.605954	0.540284	0.791008	0.625732	0.692547
0.697599	0.717327	0.708813	0.524911	0.618585	0.650095	0.780344	0.65515	0.579429	0.858399
0.726701	0.680702	0.675086	0.477351	0.674955	0.732587	0.843608	0.560476	0.620236	0.746368
0.654357	0.679639	0.732051	0.510374	0.646828	0.607744	0.653108	0.639613	0.481209	0.630433
0.587292	0.842636	0.774653	0.67533	0.582737	0.405079	0.796334	0.882451	0.630366	0.663391
0.648516	0.766308	0.583841	0.74305	0.67808	0.574109	0.770002	0.845676	0.868945	0.753745
0.617726	0.675412	0.648688	0.655914	0.641031	0.705929	0.868524	0.493561	0.639786	0.674613
0.525554	0.744812	0.698749	0.702276	0.745815	0.440811	0.721691	0.526099	0.525714	0.655409
0.544159	0.788923	0.779951	0.715829	0.781445	0.479082	0.520421	0.469051	0.571221	0.85058
0.615032	0.661954	0.565565	1.047071	0.709503	0.565075	0.605108	0.72819	0.560776	0.719196
0.71981	0.839557	0.450474	0.823318	0.650736	0.584183	0.801797	0.616397	0.650389	0.576927
0.664269	0.653875	0.465717	0.586768	0.765816	0.600629	0.848172	0.586692	0.763431	0.648542
0.481926	0.727876	0.612782	0.620426	0.765816	0.689385	0.756172	0.551818	0.624811	0.679811
0.628671	0.866457	0.756602	0.960395	0.670824	0.648122	0.975175	0.532015	0.69668	0.796722
0.757893	0.827452	0.735646	0.96853	0.538112	0.808121	0.98976	0.666164	0.689147	0.571188
0.78882	0.693665	0.5252	0.604157	0.574424	0.815292	0.7005	0.665151	0.765971	0.502064
0.671344	0.690388	0.547247	0.752934	0.700605	0.947855	0.680295	0.491522	0.724703	0.550512
0.519047	0.751025	0.575438	0.702276	0.608673	0.745939	0.799057	0.53276	0.86413	0.532263
0.554158	0.81713	0.821893	0.725105	0.48877	0.687226	1.034352	0.667179	0.893856	0.599801
0.810734	0.700295	0.797631	0.797643	0.523956	0.767417	0.959086	0.789658	0.744847	0.630433
0.841283	0.661954	0.607374	0.785353	0.614955	0.709315	0.719411	0.727022	0.585269	0.626715
0.805151	0.671227	0.664742	0.874735	0.608673	0.443875	0.730933	0.570123	0.827418	0.700152
0.784831	0.687135	0.558305	0.580003	0.460002	0.579117	0.569068	0.713244	1.017612	0.734345
0.786157	0.671227	0.562323	0.608616	0.533592	0.762267	0.584625	0.598679	0.647471	0.599801
0.757893	0.517589	0.759135	0.733387	0.665714	0.965885	0.587133	0.713244	0.688082	0.663391
0.776963	0.505335	0.582993	0.67953	0.461269	0.802468	0.659995	0.609223	0.590338	0.807815
1.08565	0.909315	0.80604	0.722767	0.361385	0.570802	0.539532	0.657132	0.865729	0.835353
0.720951	0.717327	0.907617	0.635418	0.489447	0.681875	0.506273	0.617302	0.769807	0.612154
0.679575	0.52126	0.98577	0.618588	0.8032	0.621407	0.576368	0.662127	0.380755	0.621197
0.845828	0.549434	0.678238	0.671169	0.748265	0.712727	0.644412	0.649259	0.495315	0.672551
0.701952	0.496192	0.706556	0.725105	0.659661	0.764834	0.502116	0.684811	0.923932	1.087952
0.775665	0.52126	0.782625	0.683772	0.613151	0.744708	0.513289	0.894291	0.713276	0.70125
0.869296	0.772838	0.950823	0.612216	0.666731	0.908487	0.636825	0.989797	0.649414	0.691471
0.853511	0.608321	0.927746	0.615846	0.691886	0.986837	1.100142	0.685871	0.703242	0.761249
0.69222	0.555774	0.850717	0.527134	0.760729	0.653071	0.682378	0.498358	0.818705	0.852133
0.870907	0.600287	0.799021	0.451629	0.730216	0.69483	0.735629	0.996254	0.846918	0.894578
0.929554	0.856772	0.712221	0.511806	0.744595	0.910283	0.815765	0.93188	0.579429	0.838356
0.853511	0.973258	0.625668	0.525651	0.701707	0.791379	0.767454	0.683754	0.548257	0.707893
0.693291	0.715017	0.648688	0.643112	0.769671	0.592761	0.742769	0.632048	0.734066	0.877759
0.703046	0.653875	0.739271	0.521231	0.786783	0.708183	0.7599	0.84262	0.948424	0.830887
0.946501	0.866457	0.814615	0.569229	0.823172	0.806701	1.10564	0.973033	0.663263	0.602419
0.769234	0.97535	0.842945	0.770789	0.919178	0.755914	0.893257	0.725857	0.494633	0.654421

0.69544	0.979566	0.689994	0.728635	0.92838	0.624192	0.690812	0.702087	0.59719	0.849033
0.739625	0.833462	0.902286	0.764328	0.659661	0.456983	0.618418	0.528308	0.438441	0.609477
0.899241	0.850432	0.73806	0.582527	0.631537	0.516669	0.626605	0.508114	0.491915	0.730802
0.817815	1.071192	0.632257	0.667048	0.875882	0.64032	0.811527	0.827658	0.862537	0.772755
0.507015	0.758599	0.402655	0.561924	0.841054	0.770015	0.75125	0.583327	0.834815	0.963174
0.462597	0.552592	0.531171	0.546893	0.833514	0.716166	0.758654	0.427909	0.71215	0.783244
0.623164	0.841094	0.556708	0.701165	0.830534	0.556225	0.607738	0.403975	0.62206	0.596335
0.709674	0.916583	0.454865	0.579164	0.607783	0.545993	0.859012	0.52757	0.825953	0.820642
0.558066	0.762436	0.393254	0.723934	0.497648	0.501663	0.86533	0.538768	0.769807	0.775353
0.587292	0.525706	0.496518	0.625056	0.5366	0.611345	0.544064	0.473584	0.685958	0.532263
0.516186	0.649891	0.555117	0.864922	0.712887	0.867472	0.542548	0.681647	0.81727	0.659382
0.690087	0.759874	0.559106	0.623198	0.649756	0.67033	0.779037	0.694444	0.870562	0.563919
0.776963	0.791662	0.572122	0.641176	0.382033	0.591032	0.812935	0.57585	0.742428	0.519786
0.83086	0.623914	0.60917	0.615846	0.427117	0.766123	0.570679	0.492881	0.804561	0.679811
0.599211	0.597642	0.6146	0.67533	0.501808	0.764834	0.539532	0.567691	0.784173	0.599801
0.640849	1.040887	0.72144	0.858501	0.633419	0.5499	0.629368	0.700987	0.771094	0.606817
0.650454	0.836499	0.488951	0.729818	0.589503	0.608641	0.686574	0.610113	0.742428	0.574458
0.588975	0.641058	0.451099	0.660939	0.668773	0.617721	0.630294	0.56447	0.742428	0.507656
0.662268	0.625786	0.602919	0.603271	0.685459	0.72196	0.471508	0.495611	0.767246	0.696876
0.622253	0.624849	0.684611	0.71354	0.568699	0.725473	0.520421	0.481465	0.622975	0.64757
0.585616	0.727876	0.515669	0.673244	0.596376	0.659084	0.552497	0.601291	0.568788	0.468652
0.748054	0.679639	0.550378	0.860098	0.668773	0.702569	0.481254	0.437985	0.48586	0.430502
0.976305	0.55418	0.643791	0.914549	0.565461	0.661108	0.487208	0.552598	0.587796	0.409235
0.650454	0.585506	0.782625	0.839789	0.57856	0.809546	0.628445	0.685871	0.591189	0.47448
0.681657	0.474474	0.789382	0.567595	0.610459	0.64323	0.705977	0.722381	0.583593	0.603295
0.841283	0.49066	0.444894	0.553948	0.51453	0.709315	0.606859	0.736456	0.613014	0.539774
0.819245	0.503916	0.548028	0.794881	0.703921	0.842134	0.529137	0.653177	0.58443	0.442446
0.637065	0.478464	0.491687	0.676376	0.543446	1.002129	0.653108	0.668197	0.767246	0.51475
0.650454	0.6489	0.643791	0.567595	0.488095	0.626059	0.439919	0.544861	0.79903	0.606817
1.09366	0.679639	0.732051	0.570048	0.405941	0.441422	0.582961	0.767334	0.496683	0.751272
1.03337	0.579563	0.810307	0.616758	0.446303	0.617721	0.538031	0.731714	0.44508	0.588637
0.78351	0.397066	0.722606	0.777349	0.596376	0.796888	0.532821	0.661123	0.681743	0.721493
0.717537	0.60206	0.723775	0.580003	0.691886	0.669296	0.446541	0.752238	0.547486	0.759989
0.698683	0.437074	0.66782	0.463016	0.534342	0.661108	0.666992	0.734079	0.59719	0.713508
0.782193	0.447524	0.702078	0.432094	0.559851	0.768714	0.702683	0.764781	0.50708	0.539774
0.739625	0.502501	0.732051	0.735783	0.727865	0.665183	0.558736	0.63866	0.489213	0.559933
0.521927	0.676465	0.77862	0.905578	0.753208	0.720795	0.576368	0.757212	0.59719	0.676685
0.590664	0.60384	0.897019	0.469473	0.811647	0.627933	0.605983	0.738847	0.479889	0.627642
0.962142	0.696968	0.826319	0.527878	0.624089	0.684008	0.811527	0.72819	0.439641	0.719196
0.916815	0.573701	0.781286	0.592775	0.810228	0.790012	0.711524	0.623692	0.549029	0.680858
0.709674	0.658907	0.811738	0.644083	0.804596	0.71387	0.553272	0.684811	0.59375	0.712379
0.523374	0.704772	0.77862	0.548451	0.792186	0.455717	0.61662	0.79372	0.697767	0.692547
0.715276	0.704772	0.823363	0.439925	0.662677	0.656067	0.533561	0.510233	0.556039	0.637017
0.882351	0.541637	0.698749	0.499782	0.613151	0.64518	0.60076	0.663132	0.635994	0.571188
0.693291	0.55418	0.77862	0.621348	0.486075	0.64518	0.550181	0.621857	0.498055	0.679811
0.595772	0.581253	0.707683	0.529369	0.511671	0.587594	0.578007	0.75972	0.581922	0.847492
0.643708	0.617426	0.792114	0.511806	0.729039	0.460802	0.493921	0.975094	0.752186	0.70901

0.580625	0.691478	0.814615	0.572515	0.539629	0.50026	0.659004	0.722381	0.667302	0.723801
0.571623	0.481818	0.781286	0.456653	0.548846	0.555429	0.712642	0.723536	0.609447	0.570374
0.642753	0.461432	0.826319	0.482013	0.601604	0.689385	0.676158	0.492881	0.501504	0.723801
0.567591	0.618347	0.86996	0.71013	0.80042	0.715017	0.613936	0.601291	0.516297	0.866361
0.465759	0.532462	0.830791	0.726278	0.763265	0.515217	0.690812	0.748545	0.672404	0.752506
0.572433	0.558175	0.634158	0.503284	0.498339	0.462724	0.598172	0.622774	0.709906	0.655409
0.673387	0.694763	0.842945	0.598867	0.677036	0.671367	0.670026	0.298639	0.484526	0.497228
0.39342	0.602949	0.905833	0.728635	0.869339	0.67554	0.726288	0.447687	0.48187	0.74515
0.642753	0.616507	0.611876	0.728635	0.872598	0.498165	0.742769	0.816048	0.717811	0.814894
0.775665	0.712719	0.443049	0.559516	0.607783	0.51377	0.585459	0.625535	0.82304	0.661382
0.6399	0.735054	0.544139	0.457285	0.575248	0.581643	0.623859	0.423828	0.732885	0.529295
0.490577	0.71617	0.829295	0.615846	0.694049	0.604172	0.689749	0.5685	0.669336	0.515466
0.564393	0.715017	0.80888	0.578328	0.758207	0.570802	0.596456	0.526834	0.579429	0.473178
0.652401	0.749775	0.66885	0.817479	0.67808	0.736188	1.029681	0.526834	0.62206	0.70901
0.78882	0.888215	0.516395	0.667048	0.598982	0.709315	0.919484	0.721228	0.885393	0.676685
0.74684	0.675412	0.551164	0.553159	0.535093	0.541351	0.857447	0.535754	0.862537	0.74515
0.56679	0.903943	0.664742	0.706746	0.65866	0.597114	0.67513	0.427324	0.636939	0.747589
0.546446	0.927717	0.676134	0.698952	0.566268	0.526969	0.550952	0.43619	0.792214	0.671524
0.629596	0.667081	0.579619	0.704505	0.475457	0.68294	0.68763	0.633927	0.75466	0.645632
0.683749	0.533978	0.573777	0.620426	0.521034	0.674493	0.764921	0.578328	0.814413	0.542815
0.729022	0.550221	0.474202	0.733387	0.692966	0.710449	0.544824	0.455108	0.630366	0.495173
0.767959	0.841094	0.510622	0.71354	0.630599	0.61956	0.556386	0.393025	0.705452	0.706779
0.423454	0.845738	0.715655	0.82479	0.335931	0.585885	0.596456	0.50741	0.668318	0.641782
0.493951	0.521998	0.607374	0.720442	0.499723	0.498165	0.782968	0.755963	0.689147	0.430502
0.567591	0.503208	0.528922	0.625056	0.478748	0.538283	0.47344	0.649259	0.559191	0.446705
0.501466	0.674362	0.58469	0.760496	0.438406	0.64323	0.572297	0.520262	0.568788	0.536002
0.477339	0.691478	0.58469	0.665003	0.632477	0.608641	0.524032	0.382344	0.601528	0.449773
0.574875	0.616507	0.544914	0.642143	0.545752	0.599747	0.639655	0.567691	0.646503	0.527818
0.681657	0.608321	0.552741	0.590191	0.567887	0.68294	0.613936	0.829131	0.651366	0.511189
0.461338	0.52126	0.41686	0.695654	0.52469	0.631707	0.436942	0.65515	0.519173	0.64757
0.492598	0.367622	0.430353	0.752934	0.489447	0.577441	0.452035	0.480141	0.667302	0.626715
0.456962	0.441347	0.485555	0.619506	0.513814	0.668264	0.369992	0.43619	0.650389	0.575279
0.653378	0.55101	0.706556	0.419737	0.414402	0.61956	0.435166	0.445241	0.39787	0.51475
0.578152	0.590666	0.58046	0.470124	0.534342	0.516669	0.425235	0.603041	0.372443	0.43524
0.618628	0.577041	0.570474	0.585917	0.501808	0.367399	0.346724	0.452	0.48386	0.561523
0.560428	0.465952	0.446128	0.652926	0.502505	0.429958	0.34432	0.474887	0.55213	0.577753
0.371928	0.380759	0.431546	0.493549	0.492164	0.719633	0.364936	0.513788	0.533844	0.541292
0.376038	0.223947	0.490317	0.368362	0.356373	0.595368	0.50419	0.643446	0.386562	0.443659
0.396656	0.271027	0.414556	0.521231	0.476113	0.423457	0.356473	0.518093	0.282178	0.342788
0.568395	0.308211	0.345634	0.535384	0.492845	0.372064	0.34528	0.423828	0.378662	0.427566
0.569199	0.408857	0.408848	0.473394	0.474802	0.494695	0.387637	0.445851	0.430723	0.54511
0.439287	0.39596	0.495132	0.360699	0.315047	0.433546	0.244159	0.418062	0.422563	0.534503
0.360819	0.355877	0.360089	0.28385	0.234244	0.366369	0.346724	0.382344	0.38023	0.568751
0.411526	0.393206	0.402096	0.359687	0.419558	0.404517	0.426971	0.503209	0.46182	0.415449
0.461338	0.290953	0.443663	0.545341	0.384685	0.306857	0.306251	0.480803	0.40948	0.576102
0.425185	0.367104	0.496518	0.432094	0.39328	0.280748	0.264816	0.403421	0.37399	0.482373
0.444696	0.37704	0.371385	0.401557	0.50883	0.524741	0.455736	0.395737	0.325662	0.522689

0.47151	0.360944	0.52743	0.446662	0.50883	0.387987	0.404925	0.393025	0.385501	0.416589
0.477339	0.339562	0.454235	0.34284	0.412696	0.382081	0.356966	0.414639	0.484526	0.39489
0.567591	0.47713	0.432743	0.308734	0.382562	0.387987	0.455117	0.505304	0.494633	0.47448
0.491923	0.455688	0.417438	0.396578	0.437804	0.464655	0.401084	0.455108	0.458671	0.566328
0.407067	0.322903	0.400981	0.415694	0.415542	0.438983	0.47344	0.36833	0.395693	0.565524
0.481926	0.357391	0.476184	0.456022	0.48877	0.410739	0.39243	0.379191	0.427207	0.533755
0.516899	0.432242	0.491687	0.419737	0.526898	0.385293	0.398361	0.486129	0.44508	0.389497
0.529212	0.519053	0.593275	0.367333	0.5366	0.557022	0.439919	0.468408	0.406688	0.439429
0.507015	0.492036	0.495824	0.48605	0.509538	0.473122	0.402726	0.526834	0.494633	0.534503
0.564393	0.41401	0.503513	0.470776	0.472192	0.373108	0.440517	0.391945	0.389763	0.565524
0.556499	0.521998	0.60917	0.459187	0.446303	0.472464	0.454499	0.43619	0.465629	0.51762
0.630523	0.539325	0.724948	0.503284	0.590356	0.539048	0.430464	0.426155	0.424299	0.376819
0.640849	0.622981	0.621947	0.537662	0.669797	0.545993	0.550952	0.503209	0.434862	0.537507
0.533642	0.688217	0.48353	0.447898	0.499723	0.452569	0.63215	0.512363	0.44752	0.623948
0.420584	0.540094	0.478841	0.530865	0.57856	0.449444	0.534303	0.440994	0.392988	0.539774
0.403202	0.680702	0.60917	0.519768	0.623167	0.47378	0.591346	0.424408	0.352335	0.349091
0.582283	0.779468	0.647704	0.423232	0.659661	0.585885	0.72055	0.662127	0.444472	0.496542
0.662268	0.737473	0.446128	0.511806	0.665714	0.600629	0.652133	0.6827	0.67965	0.707893
0.521927	0.649891	0.550378	0.674286	0.764538	0.733784	0.699413	0.437985	0.617513	0.642741
0.489235	0.508903	0.682476	0.553948	0.608673	0.611345	0.634014	0.513788	0.624811	0.594613
0.519047	0.394856	0.540284	0.381444	0.56385	0.363805	0.580477	0.651214	0.769807	0.599801
0.738434	0.570386	0.447985	0.536142	0.724363	0.375203	0.615723	0.670239	0.569597	0.825003
0.900967	0.75606	0.539518	0.729818	0.645856	0.595368	0.782968	0.50741	0.622975	0.951288
0.521927	0.649891	0.594143	0.704505	0.513098	0.539814	0.772564	0.602165	0.793568	0.93782
0.410966	0.736262	0.677185	0.656914	0.624089	0.613158	0.776436	0.624613	0.814413	0.546647
0.496669	0.60206	0.521509	0.616758	0.890976	0.593628	0.758654	0.478164	0.601528	0.569562
0.521927	0.695864	0.407715	0.578328	0.641031	0.438376	0.605108	0.633927	0.691286	0.673581
0.567591	0.670187	0.600268	0.820389	0.522493	0.47576	0.611269	0.551818	0.925768	0.549736
0.504232	0.639119	0.591544	0.75544	0.493528	0.351206	0.618418	0.588384	0.94074	0.720343
0.532901	0.85359	0.493062	0.670135	0.547296	0.458888	0.921291	0.619119	0.69668	0.488389
0.743217	0.954865	0.564752	0.751686	0.620412	0.658076	1.084051	0.681647	0.752186	0.546647
0.880697	0.720815	0.641847	0.722767	0.555889	0.687226	0.86216	0.670239	0.755902	0.780598
0.633315	0.788923	0.66885	0.792138	0.543446	0.755914	0.658016	0.619119	0.619326	0.867971
0.460711	0.881404	0.751579	0.744274	0.591211	0.718474	0.583792	0.570123	0.690215	0.636071
0.473444	0.741127	0.546468	0.76177	0.573602	0.502366	0.735629	0.5685	0.606791	0.333738
0.653378	0.511779	0.610972	1.088326	0.642955	0.415897	0.63215	0.533506	0.666289	0.361979
0.740819	0.585506	0.572122	0.934963	0.51958	0.653071	0.478634	0.499739	0.94649	0.655409
0.687964	0.590666	0.724948	0.580843	0.424777	0.565888	0.447755	0.443416	0.839314	0.76378
0.899241	0.669149	0.577106	0.498389	0.496959	0.508744	0.474733	0.521714	0.549802	0.524149
0.82212	0.513224	0.642818	0.579164	0.518855	0.603283	0.598172	0.546397	0.514866	0.381004
0.850422	0.440122	0.760407	0.684839	0.371586	0.64518	0.516128	0.586692	0.55369	0.563119
0.683749	0.543185	0.719117	0.617672	0.601604	0.767417	0.392966	0.773781	0.595467	0.52488
0.733702	0.568738	0.884972	0.585067	0.479409	0.564263	0.615723	0.777697	0.601528	0.730802
0.750493	0.644961	0.744153	0.575827	0.407059	0.749653	0.677189	0.693363	0.502197	0.723801
0.698683	0.606523	0.794864	0.719284	0.586107	0.869106	0.596456	0.569311	0.48386	0.623948
0.803766	0.765013	0.804627	0.893322	1.035415	0.839069	0.634014	0.854973	0.661257	0.550512
0.80101	0.752278	0.853866	0.677425	0.885887	0.622333	0.709297	1.030063	0.618419	0.629501

0.776963	0.624849	0.781286	0.609513	0.606009	0.67554	0.851242	0.839586	0.582757	0.872837
0.722095	0.455688	1.117265	0.663983	0.507416	1.13355	0.955155	0.669217	0.505679	0.791281
0.638008	0.558175	0.873251	0.981025	0.640072	0.666207	0.549412	0.769901	0.596327	0.977466
0.56679	0.693665	0.750333	0.883085	0.706145	0.44758	0.397819	0.836573	0.828887	1.118444
0.71981	0.802797	0.637026	0.612216	0.780121	0.632656	0.68763	0.693363	0.59892	0.882736
0.82212	0.647912	0.697645	0.517582	0.786783	0.638391	0.855887	0.80754	0.667302	0.771461
0.640849	0.725509	0.658652	0.620426	0.808813	0.507318	0.647291	0.75972	0.562367	0.776659
0.551057	0.950881	0.686756	0.756698	0.866104	0.536757	0.576368	0.597811	0.685958	1.028037
0.512636	0.784845	0.6146	0.69785	0.73615	0.4482	0.742769	0.675388	0.703242	0.830887
0.67647	0.683906	0.474862	0.491491	0.601604	0.41763	0.843608	0.615494	0.573667	0.812048
0.731356	0.739906	0.689994	0.441142	0.614955	0.413597	0.65703	0.518815	0.60856	0.706779
0.562803	0.943022	0.858632	0.610412	0.630599	0.511609	0.503497	0.56447	0.521342	0.655409
0.603548	0.912934	0.687833	0.674286	0.631537	0.492626	0.789599	0.706515	0.51131	0.64757
0.745629	0.925842	0.497212	0.636372	0.599854	0.469193	0.781654	0.686934	0.728191	0.624868
0.78351	0.958885	0.638948	0.548451	0.549622	0.416473	0.712642	0.482128	0.691286	0.589486
0.599211	0.842636	0.645743	0.497001	0.724363	0.633607	0.782968	0.529787	0.573667	0.697966
0.643708	0.79029	0.61369	0.682707	0.626867	0.629816	0.799057	0.550262	0.626655	0.595473
0.740819	0.748529	0.641847	0.789411	0.47677	0.505898	0.836106	0.577501	0.757148	0.741518
0.660277	0.563018	0.636068	0.694561	0.42187	0.475099	0.777735	0.686934	0.825953	0.673581
0.538118	0.469865	0.505633	0.641176	0.522493	0.658076	0.786935	0.678506	0.740022	0.531519
0.600941	0.687135	0.558305	0.560317	0.652704	0.773941	0.810124	0.502512	0.651366	0.441237
0.646586	0.61194	0.704311	0.738192	0.554314	0.450691	0.570679	0.431439	0.615708	0.32441
0.638008	0.392109	0.620099	0.67953	0.446916	0.460163	0.472151	0.418062	0.62758	0.42291
0.69977	0.468557	0.471574	0.67533	0.666731	0.762267	0.605108	0.515935	0.502197	0.412049
0.568395	0.644961	0.432144	0.74673	0.614955	0.662123	0.409914	0.477506	0.417968	0.43524
0.652401	0.681767	0.634158	0.700057	0.483396	0.49608	0.556386	0.518815	0.566369	0.511899
0.661271	0.63431	0.573777	0.561924	0.404825	0.711586	0.837596	0.659123	0.706561	0.452864
0.720951	0.56059	0.556708	0.384643	0.306078	0.480417	0.560309	0.611899	0.595467	0.455976
0.752946	0.60206	0.512778	0.4442	0.448145	0.578278	0.394577	0.632048	0.433084	0.409796
0.578975	0.355373	0.520775	0.626921	0.520307	0.741036	0.496636	0.538013	0.56798	0.511899
0.562803	0.37863	0.602919	0.706746	0.598982	0.790012	0.549412	0.589233	0.606791	0.43524
0.540374	0.510339	0.74785	0.536142	0.52986	0.727831	0.486543	0.627386	0.599787	0.579409
0.548746	0.492726	0.549593	0.454133	0.50883	0.44758	0.365942	0.606563	0.383385	0.597199
0.482586	0.44196	0.577106	0.639248	0.611354	0.44449	0.569068	0.59436	0.392449	0.514035
0.569199	0.40772	0.588104	0.646033	0.763265	0.690469	0.622038	0.563668	0.37814	0.569562
0.658294	0.499686	0.567195	0.585917	0.537355	0.49608	0.488543	0.620942	0.440843	0.421177
0.253191	0.554976	0.551164	0.465587	0.417833	0.517397	0.513289	0.615494	0.598054	0.48171
0.371928	0.500388	0.536464	0.480009	0.348472	0.327994	0.535046	0.42499	0.528653	0.656398
0.48457	0.389924	0.475523	0.402114	0.458108	0.314549	0.450195	0.34015	0.48386	0.620285
0.460084	0.423913	0.489634	0.402671	0.457479	0.29014	0.403824	0.456357	0.405576	0.375779
0.436905	0.47052	0.35505	0.451629	0.506007	0.336554	0.37101	0.4483	0.383913	0.431091
0.535129	0.460149	0.358066	0.428528	0.434809	0.377835	0.429296	0.386053	0.404467	0.496542
0.532901	0.611033	0.474202	0.537662	0.386817	0.451942	0.514706	0.430849	0.426041	0.449773
0.570813	0.778134	0.797631	0.561924	0.476113	0.403395	0.401631	0.330213	0.520618	0.391108
0.565989	0.759874	0.632257	0.706746	0.712887	0.499561	0.549412	0.530528	0.523522	0.51261
0.916815	0.979566	0.803219	0.974732	0.687591	0.540582	0.682378	0.616397	0.559983	0.71464
0.836785	1.177327	1.126046	1.037342	0.714021	0.71387	0.624772	0.44039	0.618419	0.605934

1.370681	0.981416	1.973278	1.387844	1.161561	0.851464	0.94548	0.508819	0.902488	0.631368
0	0	0.490708	3.100839	0.425732	0.212866	0.680141	1.056644	1.111081	0.833859
0	0	0	0	0	0.106433	1.027925	1.013958	1.083862	1.652295
1.021798	0	0	0	1.072667	1.041891	1.733697	3.850734	1.205165	1.970956
1.099083	0.470424	0	0	1.187795	1.011116	2.349121	1.326468	1.290932	0.949338
0.940847	0.912063	1.595082	0.441639	1.099455	1.825712	1.298987	1.255395	1.35395	0.867971
1.331688	0.926455	0.883278	1.557089	1.402452	1.709451	1.342579	0.70319	1.363925	2.013905
1.274956	0.896344	0.909409	1.477324	1.127897	1.32758	1.260195	0.788313	1.195981	1.763577
0.861332	0.902876	1.03244	2.161704	0.740955	1.361825	2.400516	2.245583	1.112009	1.028037
0.915028	0.908952	1.424482	1.155471	0.884203	1.085188	1.316095	1.28765	1.070023	0.98797
1.226697	1.91047	0.720277	2.415442	1.798595	1.270365	1.259205	1.587944	1.028996	1.008483
1.341113	2.114156	1.062867	1.121976	1.225726	1.248045	1.293	0.867688	2.391416	1.01874
0.684799	1.261858	1.449832	1.151531	1.181086	2.23903	1.197762	1.387908	1.127798	1.39372
0.708563	1.637806	2.218192	2.885723	1.093924	1.291489	1.71081	1.421212	1.274096	0.796722
1.559293	1.174001	1.055264	1.059547	1.158391	0.984696	2.830138	1.160285	1.441012	0.969242
1.559293	1.772364	0.641847	1.270464	1.007755	1.415966	2.001269	0.727022	1.168236	1.633093
0.748054	1.115197	1.359117	1.409961	0.776173	1.212538	0.917686	0.687999	0.942648	1.362402
0.536621	1.012559	1.396042	1.077639	0.605124	0.872392	0.752475	0.611005	1.089097	0.855255
0.978367	2.443832	0.900523	0.910938	0.742165	0.773941	1.171224	1.101218	1.389913	0.926599
1.040464	1.575067	0.956789	1.838205	1.226666	1.13961	1.319339	0.779009	0.845386	0.51261
1.024088	1.001281	0.810307	1.382486	1.075268	1.110119	1.066002	0.547167	0.837809	0.822091
1.080391	1.197843	0.911208	1.541454	0.695135	0.803874	0.979293	0.79372	0.815839	1.061976
0.740819	1.304454	0.88838	1.155471	0.8032	0.570802	0.959086	1.421212	1.161853	0.576927
1.145095	1.433831	0.860232	1.08295	1.480521	0.928663	1.226028	1.179693	0.81727	0.674613
1.277729	1.037359	0.77862	1.130921	1.827103	2.136933	1.208148	0.832093	0.731706	1.109913
0.867691	1.410362	0.929622	1.220025	1.107758	1.104454	1.561383	0.80754	1.155562	1.9919
0.835296	0.958885	1.320436	1.13693	1.116275	0.737395	0.924925	0.968942	1.644843	1.372592
1.430747	2.808531	1.228683	1.511777	1.194608	0.605062	1.078817	1.27144	1.459475	1.054477
1.618231	1.828408	1.009979	1.067209	1.042594	1.01798	1.229695	0.958878	0.797658	1.342711
0.875774	1.121372	1.232764	1.318256	1.054901	1.142298	1.409558	0.659123	0.873815	1.192074
0.916815	1.813704	1.177068	0.588534	2.236688	1.505274	1.140954	1.157132	1.766327	1.032944
1.486936	1.498733	0	0	0.294267	1.13961	0.569805	0.85538	0.570141	1.135464
0.306074	0	0	0	0	0	0	0.284903	1.954828	0.997054
0	0	0	0	0	0	0	0	1.226651	1.111852
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0	0	0	0	0	0	0	0	0	0
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0	0	0	0.981025	1.349785	0	0	0	0	0
0	0	0	1.23493	0.490512	0.245256	0	0	0	0
2.80123	1.73462	0	0	0	1.512415	1.658372	0	0	0
0	0	0	0	0	0	0.949324	0	0	0
0	0	0	0	0	0	0	0	0	1.642588
0	0	0.565461	1.220025	0	0	0	0	0.604151	1.555857
2.511336	1.16417	1.523041	1.130921	1.175473	1.87259	1.218788	0.820429	1.542343	1.073247
0.463727	1.498733	2.396482	1.921788	1.40603	1.636586	1.036706	1.127747	1.599163	1.228181
0.674563	0.569145	0.905051	0.917648	0.930245	2.428365	1.488783	1.082226	0.942648	1.244111
1.697123	0.621854	0.740915	1.188249	0.807403	0.868824	0.853469	1.496625	0.625732	0.633243

[illegible]

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150	151	152	153	154	155	156	157	158	159
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0.823967	1.034623	1.457959	2.820193	0.458493	0.229247	0.114623	0.057312	0.028656	0.014328
0.969745	0.678188	1.477769	0.981344	0.916987	1.516942	3.182302	0.99751	0.681156	0.883937
0.601395	0.716226	0.912418	0.769684	0.738457	0.606662	0.536969	0.505476	0.544077	0.554371
0.521003	0.709267	0.738957	0.674065	0.874604	0.525947	0.515898	0.581849	0.402882	0.568125
0.674553	0.785824	0.536666	0.496597	0.808785	0.702616	0.598451	0.769557	0.396357	0.576424
0.586779	0.818596	0.673825	0.497973	0.781875	0.722593	0.527397	0.660751	0.553274	0.507605
0.597045	0.805476	0.56216	0.56896	0.571866	0.555065	0.549048	0.727906	0.795941	0.304107
0.520277	0.496929	0.344692	0.47384	0.480767	0.295065	0.505387	0.911598	0.968229	0.560789
0.353641	0.397127	0.506047	0.504222	0.599258	0.528845	0.59931	0.752414	0.587931	0.702952
0.385952	0.712733	0.642116	0.467367	0.690448	0.557388	0.740203	0.691986	0.498064	0.536429
0.411161	0.575625	0.497479	0.539918	0.498744	0.442145	0.713686	0.508889	0.359633	0.386134
0.41456	0.532195	0.491859	0.607118	0.297748	0.368396	0.691876	0.526369	0.57471	0.597894
0.694674	0.623886	0.480834	0.496597	0.345656	0.325835	0.432285	0.386135	0.652001	0.459588
0.529811	0.538361	0.374006	0.373552	0.41325	0.513841	0.498519	0.309607	0.821032	0.441406
0.403333	0.328297	0.211658	0.408012	0.47558	0.42464	0.484439	0.408936	0.663829	0.486665
0.504604	0.374723	0.399761	0.481073	0.359246	0.439178	0.538461	0.464623	0.553274	0.475232
0.530553	0.458461	0.441816	0.588893	0.4579	0.590446	0.624067	0.492746	0.449698	0.352343
0.419709	0.436425	0.414109	0.41026	0.558401	0.750742	0.428789	0.437629	0.455226	0.333262
0.455687	0.272671	0.533582	0.502826	0.46476	0.507566	0.517319	0.37041	0.415671	0.349849
0.535784	0.430329	0.540552	0.588893	0.446903	0.445732	0.439363	0.413864	0.564257	0.473907

0.51237	0.388796	0.555645	0.417645	0.432077	0.621703	0.553666	0.498729	0.520461	0.312696
0.538802	0.292926	0.36977	0.461623	0.318341	0.502747	0.419601	0.572228	0.435884	0.370732
0.386485	0.308647	0.46546	0.471239	0.52106	0.426934	0.360709	0.507521	0.514045	0.530359
0.463254	0.273092	0.49466	0.446668	0.417176	0.433888	0.356267	0.478457	0.447264	0.621408
0.457566	0.316029	0.361938	0.375108	0.356298	0.319954	0.360709	0.588383	0.383069	0.39048
0.327739	0.459108	0.373474	0.357795	0.38672	0.333186	0.314175	0.395007	0.31356	0.400982
0.436128	0.348878	0.334858	0.381387	0.507672	0.382696	0.499201	0.334565	0.304729	0.479903
0.453193	0.386601	0.551622	0.447281	0.463505	0.353093	0.445351	0.304013	0.273127	0.357373
0.543368	0.476259	0.64608	0.507029	0.554519	0.3895	0.397988	0.453623	0.520461	0.464093
0.486782	0.592881	0.428947	0.530901	0.740824	0.406166	0.43581	0.616427	0.481337	0.518466
0.426086	0.41312	0.361421	0.514841	0.707698	0.503432	0.531789	0.438211	0.528435	0.6779
0.291143	0.44888	0.399197	0.518439	0.657877	0.570791	0.618641	0.451817	0.543319	0.603208
0.322647	0.46892	0.596288	0.373035	0.493339	0.294641	0.526669	0.508205	0.45092	0.501921
0.351177	0.564766	0.435028	0.487081	0.361718	0.256513	0.42763	0.508889	0.375801	0.517002
0.324492	0.452687	0.398633	0.41026	0.503528	0.440362	0.497838	0.339641	0.333177	0.545698
0.368216	0.477607	0.480154	0.455329	0.486016	0.444533	0.532525	0.434153	0.446052	0.565666
0.450096	0.637326	0.439335	0.435183	0.416051	0.283343	0.485761	0.44763	0.583756	0.430493
0.549532	0.599086	0.458295	0.481736	0.356298	0.274754	0.484439	0.369414	0.482651	0.339529
0.387552	0.615461	0.421762	0.507029	0.494684	0.388973	0.401244	0.306156	0.441836	0.400423
0.318981	0.494116	0.379359	0.378236	0.47558	0.42464	0.385203	0.285186	0.382023	0.44759
0.356617	0.481676	0.400891	0.558533	0.566271	0.365891	0.35725	0.341035	0.400696	0.362975
0.446409	0.663445	0.642116	0.508439	0.634958	0.368898	0.552893	0.458478	0.504248	0.37863
0.685027	0.592001	0.65717	0.509146	0.707698	0.502063	0.612397	0.424454	0.402882	0.519935
0.48078	0.486471	0.455719	0.641216	0.58826	0.46727	0.667071	0.410573	0.560303	0.592643
0.475513	0.678188	0.570444	0.697431	0.520345	0.395876	0.536969	0.437629	0.593844	0.657231
0.545669	0.779015	0.687843	0.652875	0.589096	0.359445	0.597594	0.457259	0.666837	0.430493
0.674553	0.682494	0.438717	0.556162	0.717711	0.618117	0.688696	0.609461	0.532109	0.425137
0.383298	0.554978	0.442438	0.551459	0.542325	0.528119	0.699385	0.562816	0.572275	0.514815
0.333363	0.496224	0.591872	0.699619	0.439723	0.407264	0.536969	0.427284	0.466496	0.544918
0.454438	0.551763	0.445563	0.632672	0.543077	0.345878	0.496479	0.433577	0.541054	0.4287
0.443968	0.554172	0.503172	0.522797	0.532664	0.408364	0.675183	0.412764	0.564257	0.393219
0.552647	0.353925	0.426539	0.545265	0.625754	0.566806	0.720449	0.477181	0.516885	0.433497
0.511658	0.439506	0.388064	0.495225	0.373785	0.668222	0.72387	0.561267	0.684287	0.618629
0.468374	0.475587	0.396387	0.511273	0.469819	0.629882	0.623158	0.418291	0.627428	0.599658
0.702328	0.634411	0.429551	0.483066	0.584931	0.531032	0.581626	0.425584	0.718035	0.419263
0.694674	0.616389	0.421168	0.582984	0.543077	0.493938	0.636995	0.587561	0.641434	0.459588
0.580901	0.441986	0.375605	0.535386	0.534136	0.495955	0.65032	0.436467	0.598117	0.540267
0.505304	0.441365	0.499605	0.56492	0.42057	0.588773	0.560685	0.442307	0.541054	0.552781
0.538046	0.472908	0.538216	0.556951	0.435002	0.396947	0.439363	0.452418	0.609429	0.514089
0.638812	0.598194	0.462841	0.599213	0.469183	0.502747	0.618641	0.456044	0.62927	0.590907
0.743977	0.458461	0.524459	0.500046	0.40277	0.439178	0.524493	0.470229	0.605043	0.480575
0.501814	0.463659	0.559705	0.515559	0.455432	0.566806	0.444748	0.437629	0.625594	0.435309
0.515228	0.483724	0.439335	0.462258	0.471092	0.560505	0.468888	0.446442	0.596403	0.466038
0.623824	0.566419	0.612566	0.493857	0.391473	0.461629	0.442946	0.557418	0.561091	0.444487
0.579236	0.469582	0.514052	0.693088	0.563895	0.59976	0.564635	0.605163	0.580445	0.458948
0.750091	0.477607	0.44682	0.709603	0.620324	0.674276	0.593335	0.563593	0.701378	0.538728
0.572639	0.457172	0.65008	0.59661	0.534136	0.658315	0.549814	0.460925	0.5913	0.630802

0.59965	0.529905	0.53744	0.576328	0.372258	0.520208	0.57103	0.611192	0.543319	0.565666
0.549532	0.582445	0.613489	0.528676	0.407152	0.680416	0.568621	0.561267	0.508419	0.530359
0.655324	0.506923	0.742672	0.755735	0.553747	0.766788	0.520174	0.456044	0.529167	0.525861
0.689288	0.360576	0.559705	0.803159	0.577534	0.64292	0.422451	0.672577	0.693818	0.701833
0.727302	0.382786	0.553226	0.589744	0.540825	0.442741	0.346074	0.519293	0.658861	0.530359
0.737948	0.510548	0.606163	0.589744	0.560747	0.435058	0.413956	0.573022	0.387277	0.424546
0.639766	0.508369	0.681317	0.98556	0.796469	0.83765	0.489749	0.611192	0.373235	0.306801
0.696847	0.31696	0.472745	0.937478	0.642464	0.72487	0.585772	0.568282	0.541807	0.413467
0.580067	0.387149	0.503172	0.458465	0.35777	0.706977	0.510961	0.610325	0.707964	0.575587
0.721499	0.549368	0.622823	0.4165	0.43266	0.624412	0.471442	0.626193	0.577978	0.657231
0.695759	0.432758	0.46546	0.4758	0.374295	0.530302	0.381023	0.633435	0.51052	0.62702
0.614713	0.470245	0.556454	0.536891	0.48404	0.588773	0.499201	0.606019	0.511927	0.484625
0.61652	0.435812	0.604351	0.51341	0.602699	0.665226	0.559116	0.78223	0.53507	0.462801
0.632191	0.472908	0.584899	0.559327	0.804641	0.558944	0.517319	0.66959	0.657874	0.558371
0.800985	0.550165	0.713811	0.647006	0.61585	0.603197	0.536969	0.595854	0.592994	0.721274
0.635962	0.428517	0.815611	0.784096	0.535614	0.667221	0.579158	0.437629	0.548651	0.676843
0.442753	0.432758	0.751464	0.823098	0.553747	0.592966	0.420739	0.467728	0.532847	0.648241
0.460717	0.461053	0.65008	0.519887	0.503528	0.468533	0.492429	0.758459	0.507024	0.717779
0.527592	0.460403	0.709181	0.511273	0.546099	0.373958	0.472724	0.627091	0.513338	0.651217
0.71012	0.375789	0.458942	0.493175	0.496033	0.378562	0.4582	0.437048	0.345003	0.62608
0.50251	0.396007	0.651086	0.619707	0.672841	0.6856	0.535483	0.523525	0.455226	0.577263
0.504604	0.482358	0.633328	0.692009	0.750426	0.682482	0.549814	0.751215	0.526975	0.58574
0.61652	0.724489	0.533582	0.528676	0.841945	0.503432	0.623158	0.807377	0.582926	0.608588
0.665338	0.712733	0.620002	0.605349	0.639634	0.537658	0.601032	0.634349	0.561091	0.686451
0.612016	0.626731	0.811221	0.604467	0.502842	0.403979	0.637933	0.537937	0.48331	0.590907
0.538802	0.657277	0.811221	0.547578	0.669807	0.601475	0.682407	0.78223	0.595548	0.768161
0.541841	0.672865	0.549226	0.512697	0.808785	0.493268	0.623158	0.961082	0.783918	0.837215
0.483437	0.659323	0.407737	0.524992	0.64914	0.461629	0.488415	0.592518	0.802766	0.846478
0.327274	0.555785	0.514052	0.458465	0.630331	0.542132	0.640761	0.526369	0.586256	0.740403
0.393471	0.599979	0.408313	0.500046	0.812969	0.683519	0.751036	0.638024	0.507024	0.559176
0.571005	0.751531	0.57296	0.582984	0.634958	0.407813	0.525943	0.487495	0.493991	0.686451
0.54721	0.722112	0.592752	0.697431	0.701149	0.463501	0.642656	0.532838	0.419639	0.60589
0.603147	0.724489	0.522208	0.507029	0.763984	0.619906	0.721587	0.664658	0.720304	0.64235
0.480118	0.568911	0.65008	0.493175	0.417176	0.500698	0.72387	0.484893	0.628348	0.601429
0.501119	0.697911	0.492558	0.651892	0.44993	0.449955	0.65518	0.530671	0.440042	0.6041
0.458824	0.892645	0.65008	0.725605	0.540077	0.587107	0.721587	0.478457	0.575525	0.73313
0.450096	0.740264	0.545262	0.685591	0.461005	0.52667	0.757173	0.49806	0.643337	0.654214
0.556572	0.683578	0.489077	0.595746	0.387772	0.431557	0.631407	0.484893	0.760829	0.465389
0.544901	0.670754	0.552423	0.765835	0.516079	0.615447	0.564635	0.391332	0.507721	0.525861
0.640722	0.757918	0.628522	0.66183	0.7211	0.576432	0.782629	0.622616	0.755586	0.416355
0.580067	0.735349	0.583174	0.683472	0.589096	0.618117	0.746188	0.606019	0.804144	0.564034
0.650402	0.65524	0.553226	0.583823	0.438538	0.536177	0.661085	0.655917	0.616539	0.568125
0.670434	0.65524	0.384234	0.647006	0.517497	0.673261	0.512366	0.519293	0.520461	0.517002
0.787356	0.761797	0.53744	0.738605	0.555293	0.604061	0.54146	0.600906	0.593844	0.695174
0.74035	0.787198	0.805436	0.758238	0.606167	0.651512	0.574263	0.570645	0.866369	0.695174
0.607559	0.455886	0.66646	0.747086	0.647222	0.774399	0.722727	0.642662	0.592146	0.524372
0.585091	0.425514	0.489771	0.625216	0.604429	0.699375	0.670095	0.778389	0.522622	0.473907

0.614713	0.595529	0.549226	0.674065	0.575095	0.67023	0.41116	0.577814	0.5525	0.623271
0.7914	0.647187	0.649077	0.840948	0.589934	0.627139	0.508862	0.604308	0.649093	0.622338
0.580901	0.584167	0.618131	0.715251	0.406052	0.779547	0.581626	0.74409	0.776085	0.662307
0.642641	0.592001	0.635266	0.431618	0.500788	0.643866	0.491087	0.619953	0.464597	0.567304
0.660302	0.540697	0.581454	0.543731	0.532664	0.470436	0.493101	0.687827	0.485956	0.562409
0.644568	0.57478	0.772255	0.477113	0.71212	0.628051	0.60624	0.703632	0.604171	0.651217
0.694674	0.700158	0.778962	0.533886	0.574286	0.592124	0.473367	0.522109	0.447871	0.640404
0.666353	0.7605	0.763036	0.453459	0.634958	0.612792	0.678264	0.565931	0.568248	0.697382
0.66941	0.470245	0.594516	0.46353	0.552207	0.553523	0.631407	0.733617	0.562671	0.773404
0.516665	0.336023	0.551622	0.493175	0.707698	0.58297	0.521609	0.710119	0.605043	0.750293
0.51237	0.443855	0.667504	0.505623	0.7468	0.495282	0.421309	0.683708	0.559516	0.645286
0.680807	0.455244	0.659217	0.491134	0.637757	0.579689	0.45449	0.75002	0.427685	0.572255
0.577577	0.524608	0.571281	0.46353	0.653001	0.620804	0.525943	0.627992	0.443036	0.802021
0.510238	0.470909	0.582313	0.47777	0.634958	0.548931	0.812468	0.555125	0.446052	0.734334
0.519552	0.496929	0.720848	0.503524	0.691506	0.472346	0.665066	0.566713	0.518312	0.631753
0.421439	0.493415	0.708032	0.617886	0.72796	0.411682	0.485099	0.604308	0.470959	0.594386
0.510238	0.581587	0.498895	0.543731	0.868191	0.432721	0.385203	0.535745	0.37942	0.568948
0.341457	0.618251	0.514787	0.646036	0.960007	0.611032	0.529587	0.44763	0.449088	0.683224
0.38066	0.441365	0.673825	0.622453	0.781875	0.502747	0.72387	0.67458	0.529901	0.755323
0.53729	0.644205	0.705742	0.56492	0.603563	0.366391	0.586606	0.618187	0.569854	0.58233
0.618335	0.777666	0.717315	0.555375	0.593301	0.310617	0.62956	0.578618	0.497383	0.531113
0.488127	0.870407	0.639167	0.570587	0.897827	0.595501	0.741393	0.681663	0.524793	0.795034
0.376472	0.614535	0.499605	0.519887	0.635889	0.498659	0.843001	0.469603	0.515463	0.73193
0.394555	0.551763	0.451883	0.519887	0.513259	0.331798	0.634192	0.45302	0.509119	0.511917
0.402779	0.677119	0.606163	0.600958	0.614961	0.46601	0.581626	0.422765	0.648129	0.559176
0.661305	0.699033	0.535893	0.565725	0.861871	0.607533	0.68659	0.420522	0.442436	0.629854
0.614713	0.887411	0.407737	0.478429	0.751641	0.647672	0.789232	0.494731	0.476766	0.667442
0.226076	0.539138	0.433805	0.592306	0.674876	0.524505	0.683449	0.510262	0.542563	0.622338
0.273117	0.651195	0.499605	0.609785	0.763984	0.502747	0.509561	0.619953	0.667844	0.548046
0.504604	0.736572	0.528996	0.485069	0.707698	0.42464	0.537714	0.55133	0.612969	0.498407
0.603147	0.695674	0.599853	0.638349	0.976028	0.630801	0.588278	0.511639	0.524068	0.584885
0.59965	0.7605	0.432585	0.55068	0.762734	0.641033	0.717055	0.431278	0.709071	0.707461
0.417986	0.614535	0.419984	0.392058	0.54838	0.50138	0.777417	0.548318	0.690618	0.727162
0.332891	0.673925	0.565454	0.522797	0.480767	0.370915	0.615062	0.585104	0.684287	0.421017
0.494233	0.663445	0.64608	0.514841	0.601836	0.477483	0.60624	0.760901	0.657874	0.457671
0.803763	0.796944	0.519968	0.637398	0.631253	0.463501	0.728474	0.636183	0.797297	0.577263
0.638812	0.588502	0.545262	0.662837	0.58826	0.432139	0.676207	0.50209	0.776085	0.528104
0.472253	0.682494	0.702329	0.667904	0.502156	0.632643	0.651288	0.549822	0.692748	0.357879
0.42667	0.649186	0.754009	0.700717	0.582451	0.545896	0.895791	0.632523	0.698121	0.379694
0.574279	0.669703	0.562981	0.731466	0.927805	0.690846	0.852135	0.603455	0.722586	0.614036
0.574279	0.780368	0.589244	0.668925	0.767756	0.836173	0.795938	0.464623	0.804144	0.655217
0.535784	0.649186	0.619065	0.790809	0.678974	0.683519	0.572643	0.382022	0.877665	0.736751
0.457566	0.781726	0.596288	0.772269	0.502156	0.422358	0.484439	0.558954	0.741287	0.597894
0.52907	0.674987	0.540552	0.647006	0.7444	0.641975	0.746188	0.577814	0.664829	0.509037
0.463254	0.706972	0.587501	0.811593	0.837473	0.601475	0.816701	0.65978	0.673937	0.648241
0.452572	0.681414	0.467435	0.732648	0.732594	0.552755	0.713686	0.520699	0.729505	0.760413
0.319894	0.522358	0.458942	0.693088	0.67692	0.592124	0.573452	0.505476	0.802766	0.749044

0.341938	0.605381	0.644094	0.653861	0.506286	0.466639	0.626805	0.60006	0.738905	0.492841
0.342901	0.524608	0.663341	0.529416	0.572671	0.356502	0.717055	0.678613	0.785238	0.572255
0.488127	0.66035	0.430157	0.459095	0.640575	0.516659	0.726166	0.663678	0.700289	0.615867
0.453815	0.585896	0.489771	0.611572	0.652033	0.500018	0.661085	0.549822	0.742483	0.601429
0.484104	0.715059	0.433805	0.749539	0.671827	0.52667	0.478542	0.389246	0.759581	0.66641
0.741555	1.072757	0.600749	0.68453	0.664796	0.43977	0.543722	0.469603	0.704658	0.525861
0.635016	0.759207	0.62094	0.77487	0.911677	0.524505	0.620442	0.539405	0.592994	0.532625
0.567756	0.761797	0.436868	0.530158	0.726809	0.478777	0.570225	0.467728	0.53507	0.630802
0.478797	0.57732	0.470746	0.71753	0.672841	0.487281	0.752257	0.409481	0.491968	0.674736
0.415129	0.585896	0.519968	0.654849	0.572671	0.423498	0.592488	0.455437	0.679081	0.489399
0.499042	0.79977	0.72441	0.573858	0.599258	0.478777	0.695078	0.555888	0.597259	0.413467
0.550308	0.697911	0.618131	0.586351	0.820034	0.551221	0.75348	0.589207	0.683241	0.623271
0.554998	0.750264	0.500316	0.663845	0.789775	0.589609	0.700469	0.412764	0.690618	0.785438
0.622904	0.702418	0.65008	0.695254	0.520345	0.519496	0.611512	0.588383	0.640486	0.615867
0.624746	1.022621	0.754009	0.709603	0.601836	0.517367	0.78132	0.788708	0.849191	0.531868
0.614713	0.908736	0.698943	0.545265	0.700067	0.628966	0.93679	0.570645	0.617436	0.497707
0.720348	0.788577	0.556454	0.805952	0.855642	0.849657	0.815285	0.49606	0.65006	0.616786
0.546439	0.731699	0.593633	0.747086	0.789775	0.700453	0.736651	0.463387	0.646205	0.774725
0.410034	0.632478	0.578037	0.760756	0.576719	0.449955	0.544479	0.51095	0.681156	0.476562
0.486782	0.728079	0.584036	0.673032	0.683111	0.551221	0.670095	0.400312	0.511927	0.428104
0.549532	0.611768	0.535121	0.776176	0.486016	0.471708	0.665066	0.500742	0.478719	0.497707
0.71012	0.638302	0.436868	0.59145	0.52106	0.588773	0.555216	0.532838	0.737719	0.627962
0.593596	0.582445	0.444937	0.51341	0.424563	0.560505	0.48378	0.654957	0.734179	0.589178
0.505304	0.734129	0.549226	0.68453	0.543831	0.449955	0.551351	0.77332	0.640486	0.466688
0.528331	0.818596	0.430157	0.527937	0.451147	0.499338	0.668077	0.545327	0.609429	0.494226
0.751324	0.530667	0.347185	0.719822	0.494684	0.619011	0.64743	0.418848	0.5525	0.445726
0.706764	0.437655	0.610727	0.915297	0.682073	0.703702	0.585772	0.668599	0.832667	0.490773
0.556572	0.705829	0.832099	1.023156	0.605297	0.653445	0.441151	0.589207	0.8401	0.612213
0.665338	0.952789	0.746418	0.77487	0.597548	0.5732	0.461942	0.616427	0.635777	0.509037
0.567756	0.702418	0.550822	0.724442	0.726809	0.626228	0.453875	0.517192	0.618335	0.385593
0.660302	0.485783	0.591872	0.74222	0.541574	0.677335	0.517319	0.437629	0.76208	0.451343
0.580901	0.411378	0.693358	0.645068	0.352398	0.682482	0.446558	0.547568	0.758337	0.6779
0.574279	0.668653	0.622823	0.525726	0.389883	0.574813	0.575888	0.630705	0.607669	0.618629
0.601395	0.567248	0.462841	0.477113	0.407152	0.659295	0.65323	0.678613	0.564257	0.408885
0.592738	0.490624	0.430762	0.569773	0.417176	0.566806	0.479846	0.677601	0.648129	0.559176
0.743977	0.592001	0.505326	0.543731	0.571062	0.619011	0.399612	0.64173	0.525519	0.557568
0.665338	0.538361	0.67702	0.631733	0.677946	0.601475	0.405623	0.695131	0.618335	0.391574
0.715772	0.573937	0.623768	0.468654	0.467915	0.592966	0.440554	0.642662	0.478067	0.578945
0.713502	0.54383	0.519224	0.56896	0.428014	0.836173	0.624977	0.605163	0.516885	0.538728
0.784681	0.554172	0.578889	0.483066	0.550672	0.774399	0.607114	0.686794	0.806914	0.953923
0.689288	0.562298	0.69782	0.741011	0.922362	0.863572	0.453875	0.65688	0.652001	0.912043
0.575925	0.565592	0.76828	0.534635	0.678974	0.653445	0.493101	0.58266	0.51052	0.734334
0.7914	0.600875	0.589244	0.396947	0.506979	0.586277	0.491757	0.661725	0.511223	0.592643
0.550308	0.452687	0.597176	0.511984	0.488001	0.680416	0.376884	0.502765	0.55405	0.606788
0.487454	0.507645	0.69782	0.629861	0.608786	0.641033	0.467617	0.700425	0.514045	0.60589
0.609337	0.629595	0.632363	0.422832	0.657877	0.553523	0.412276	0.597531	0.615644	0.609492
0.688219	0.545405	0.72441	0.408012	0.567066	0.536917	0.65518	0.739404	0.62468	0.599658

0.657308	0.394332	0.631399	0.472537	0.600975	0.508259	0.588278	0.639873	0.51052	0.745319
0.567756	0.581587	0.821535	0.528676	0.536354	0.583795	0.397447	0.691986	0.48397	0.795034
0.498352	0.552565	0.554837	0.47384	0.715466	0.602335	0.441151	0.685763	0.546358	0.641376
0.52907	0.499761	0.555645	0.433991	0.639634	0.459145	0.552893	0.560494	0.604171	0.6779
0.581736	0.628638	0.668551	0.444834	0.546099	0.484646	0.714806	0.69408	0.45092	0.540267
0.714636	0.713894	0.661274	0.499354	0.684152	0.611032	0.615954	0.517192	0.478719	0.64235
0.591027	0.868743	0.755287	0.725605	0.86502	0.52667	0.564635	0.514407	0.610311	0.901289
0.571821	0.835189	0.534351	0.847065	0.73376	0.479425	0.615954	0.731323	0.834143	0.92307
0.483437	0.777666	0.528996	0.594023	0.650102	0.545896	0.667071	0.524945	0.806914	0.660269
0.469018	0.679261	0.573802	0.549126	0.807399	0.515953	0.660095	0.533563	0.578798	0.562409
0.567756	0.687938	0.565454	0.569773	0.68624	0.48399	0.747395	0.613802	0.677017	0.609492
0.415699	0.66035	0.606163	0.647006	0.6688	0.586277	0.990445	0.676592	0.736536	0.655217
0.518106	0.787198	0.635266	0.731466	0.631253	0.636352	0.82674	0.574613	0.735356	0.559982
0.699031	0.664482	0.407163	0.508439	0.669807	0.643866	0.646471	0.543097	0.662831	0.597894
0.557362	0.636352	0.463494	0.600958	0.748005	0.622604	0.610629	0.411667	0.648129	0.720106
0.557362	0.808357	0.567942	0.683472	0.623936	0.627139	0.64743	0.570645	0.750948	0.566484
0.59965	0.723299	0.686749	0.790809	0.495358	0.619011	0.839999	0.775847	0.760829	0.538728
0.685027	0.712733	0.456361	0.56896	0.552207	0.653445	0.607114	0.727906	0.691682	0.501216
0.691434	0.818596	0.478798	0.664857	0.674876	0.714715	0.643607	0.617306	0.578798	0.682154
0.587625	0.872078	0.605256	0.748311	0.593301	0.587107	0.535483	0.592518	0.812506	0.777379
0.681858	0.706972	0.681317	0.745864	0.547618	0.73644	0.48775	0.625296	0.706859	0.503335
0.674553	0.597304	0.554837	0.769684	0.532664	0.691903	0.472082	0.716704	0.683241	0.426321
0.780698	0.627684	0.378283	0.711853	0.551439	0.720327	0.476594	0.793961	0.62468	0.859144
0.70565	0.680336	0.560522	0.797627	0.707698	0.821666	0.539209	0.591688	0.731836	0.862369
0.85081	0.863788	0.752734	0.69417	0.462879	0.719199	0.764654	0.500742	0.71353	0.643326
0.926996	0.789961	0.948825	0.622453	0.498744	0.779547	0.727319	0.495395	0.465862	0.561598
0.832565	0.489929	0.66646	0.549126	0.681038	0.839133	0.634192	0.825463	0.504248	0.655217
0.741555	0.502612	0.483564	0.69417	0.755307	0.766788	0.446558	0.741741	0.647166	0.668477
1.096949	0.650189	0.668551	0.593163	0.672841	0.677335	0.505387	0.899639	0.57471	0.860754
1.03341	0.870407	0.975619	0.530158	0.755307	0.858884	0.695078	0.76459	0.559516	0.625141
0.733184	0.558216	0.794091	0.630796	0.619425	0.706977	0.658123	0.705784	0.69489	0.863991
0.657308	0.565592	0.735274	0.520613	0.784492	0.59381	0.451422	0.660751	0.583756	0.93058
0.67146	0.670754	0.950829	0.74222	0.882756	0.657336	0.48775	0.66959	0.689556	0.926809
0.592738	0.586763	0.805436	0.705137	0.922362	0.787387	0.882392	1.010365	0.765855	0.786796
0.665338	0.725682	0.829054	0.546806	1.171007	1.11366	1.087186	1.041928	0.711295	0.940154
0.448249	0.612689	0.69004	0.616073	0.937031	0.696157	0.992565	0.722269	0.704658	1.0231
0.42667	0.456528	0.591872	0.626141	0.922362	0.490597	0.717055	0.630705	0.795941	0.944044
0.565335	0.520864	0.751464	0.511273	0.757768	0.607533	0.717055	0.627992	0.759581	0.919363
0.668388	0.605381	0.568774	0.490456	0.722236	0.643866	0.829652	0.697241	0.679081	0.803432
0.630318	0.940859	0.67702	0.604467	0.711101	0.737614	0.749819	0.643595	0.65689	1.009262
0.575925	0.730489	0.81268	0.770975	0.892745	0.673261	0.806888	0.487495	0.625594	1.140819
0.652364	0.755352	0.86708	0.784096	1.03493	0.550456	0.795938	0.648293	0.677017	0.72362
0.611121	0.761797	0.923589	0.704028	1.068938	0.683519	1.023392	0.829746	0.802766	0.621408
0.7887	0.925446	0.830574	0.741011	0.994788	0.871501	0.841498	0.73708	0.69489	0.846478
0.696847	1.154368	0.693358	0.895913	0.638695	0.686644	0.885704	0.462154	0.685336	0.897763
0.569378	0.811258	0.731623	0.915297	0.646266	0.58794	0.713686	0.428422	0.55405	0.630802
0.499733	0.792741	0.654117	0.670974	0.755307	0.643866	0.902649	0.660751	0.837111	0.56485

0.685027	0.725682	0.736499	0.958857	0.990549	0.852711	1.089837	0.899639	0.871174	0.976481
0.703433	1.022621	0.622823	0.797627	1.19736	0.671238	0.659108	0.672577	0.968229	0.924936
0.563729	0.7605	0.612566	0.95687	0.772837	0.549693	0.65323	0.565931	0.787889	0.863991
0.557362	0.887411	0.446191	0.870803	0.65592	0.437997	0.60017	0.65688	0.813916	0.681087
0.60227	0.824556	0.394152	0.559327	0.586592	0.428662	0.789232	0.522816	0.74609	0.560789
0.426086	0.791348	0.478121	0.585507	0.594995	0.611911	0.719315	0.611192	0.765855	0.742854
0.372325	0.672865	0.497479	0.636449	0.73376	0.800776	0.614172	0.56515	0.954355	0.95996
0.664326	0.712733	0.530519	0.732648	0.54838	0.766788	0.564635	0.60006	0.821032	0.705201
0.643603	0.935015	0.69004	0.608894	0.565477	0.592966	0.589957	0.601754	0.899456	0.638467
0.476824	0.553367	0.456361	0.575503	0.531196	0.655386	0.560685	0.530671	0.687441	0.568948
0.723811	0.689034	0.643104	0.813014	0.678974	0.799418	0.725017	0.550575	0.523344	0.459588
0.768966	1.034623	0.870404	0.834916	0.693631	0.718073	0.48378	0.601754	0.662831	0.534143
0.713502	0.890893	0.729205	0.632672	0.498064	0.628966	0.615954	0.765826	0.673937	0.683224
0.772842	0.612689	0.611646	0.580476	0.540825	0.719199	0.679296	0.821222	0.654928	0.597014
0.868236	0.623886	0.76828	0.700717	0.608786	0.641033	0.480499	0.576211	0.687441	0.558371
0.798225	0.499051	0.618131	0.760756	0.838959	0.574813	0.469525	0.734768	0.65006	0.485984
0.563729	0.566419	0.743917	0.481073	0.702233	0.638218	0.551351	0.76459	0.808305	0.854351
0.645535	0.631515	0.592752	0.493175	0.549142	0.582148	0.48775	0.791326	0.512632	0.846478
0.816488	0.663445	0.709181	0.640258	0.613188	0.750742	0.556772	0.604308	0.472886	0.509037
0.767682	0.554978	0.795493	0.66183	0.620324	0.72487	0.452647	0.780946	0.462078	0.590042
0.563729	0.488543	0.799727	0.434586	0.549142	0.613675	0.426474	0.622616	0.603301	0.58574
0.49083	0.427915	0.66646	0.449741	0.546858	0.536917	0.531789	0.504797	0.480681	0.584885
0.570191	0.557404	0.56134	0.564117	0.413809	0.568395	0.53032	0.599216	0.447871	0.590042
0.62567	0.647187	0.799727	0.712983	0.564686	0.697227	0.491757	0.535745	0.386221	0.509755
0.807963	0.625781	0.742672	0.664857	0.722236	0.768047	0.542967	0.745269	0.417934	0.427509
0.689288	0.53143	0.550023	0.535386	0.732594	0.503432	0.55444	0.821222	0.582926	0.735541
0.756292	0.572255	0.611646	0.491813	0.596695	0.502063	0.568621	0.555125	0.516173	0.686451
0.74035	0.553367	0.594516	0.48041	0.480767	0.559723	0.736651	0.527798	0.301247	0.490085
0.53729	0.487851	0.788529	0.554589	0.58826	0.652477	0.563842	0.557418	0.485293	0.686451
0.523188	0.583305	0.632363	0.587197	0.650102	0.539144	0.447163	0.691986	0.608548	0.590042
0.605789	0.517891	0.568774	0.558533	0.844951	0.480074	0.433457	0.456651	0.580445	0.574752
0.70565	0.33651	0.550822	0.484401	0.591614	0.432721	0.634192	0.580231	0.523344	0.551197
0.858645	0.412539	0.603447	0.485739	0.641518	0.436819	0.630483	0.581039	0.354211	0.410598
0.66231	0.750264	0.960987	0.668925	0.680005	0.524505	0.546758	0.613802	0.447871	0.69079
0.461984	0.643215	0.6967	0.627997	0.886061	0.630801	0.571836	0.770808	0.638597	0.885642
0.517385	0.632478	0.628522	0.500046	0.667795	0.634494	0.621345	0.591688	0.580445	0.75659
0.409472	0.594644	0.638188	0.499354	0.709903	0.551987	0.78132	0.606019	0.496023	0.437738
0.593596	0.530667	0.669601	0.69417	0.742013	0.432139	0.495801	0.487495	0.401788	0.524372
0.515228	0.636352	0.719667	0.808763	0.894433	0.453608	0.612397	0.428991	0.485956	0.795034
0.66231	0.701286	0.491162	0.716389	0.763984	0.566806	0.743784	0.677601	0.723732	0.674736
0.54721	0.718571	0.52146	0.504922	0.634958	0.634494	0.786579	0.528515	0.74609	0.587456
0.575101	0.604476	0.56134	0.457836	0.68624	0.508259	0.68659	0.61293	0.587931	0.623271
0.491509	0.681414	0.576338	0.627068	0.666793	0.352124	0.618641	0.439377	0.652974	0.570598
0.550308	0.662411	0.647077	0.902862	0.658859	0.311939	0.790565	0.472744	0.758337	0.599658
0.566141	0.713894	0.476771	0.817307	0.736102	0.447537	0.729633	0.595017	0.752171	0.636538
0.515946	0.480315	0.49466	0.629861	0.787125	0.591284	0.79865	0.466484	0.787889	0.804847
0.541841	0.649186	0.65717	0.630796	0.7754	0.522351	0.609747	0.475274	0.598117	0.741627

0.544901	0.956839	0.693358	0.725605	0.684152	0.384778	0.601032	0.456044	0.667844	0.535666
0.473554	0.692342	0.484249	0.701818	0.54838	0.452997	0.837018	0.49606	0.705757	0.469954
0.675589	0.740264	0.443686	0.690933	0.614073	0.484646	0.741393	0.61293	0.74609	0.514089
0.651382	0.730489	0.498186	0.598344	0.698987	0.78607	0.621345	0.554364	0.7473	0.625141
0.469018	0.894404	0.502456	0.536138	0.579167	0.655386	0.646471	0.492086	0.733006	0.631753
0.501119	0.912394	0.738957	0.537646	0.467915	0.528845	0.727319	0.579424	0.603301	0.434704
0.501814	0.740264	0.619065	0.859563	0.463505	0.609279	0.712569	0.624401	0.652001	0.421017
0.57675	0.742742	0.528237	0.630796	0.669807	0.608405	0.660095	0.552844	0.691682	0.507605
0.497663	0.740264	0.495363	0.502129	0.749214	0.722593	0.55444	0.45302	0.443638	0.632706
0.564531	0.763097	0.588372	0.470591	0.652033	0.671238	0.584939	0.58674	0.515463	0.545698
0.626595	0.767022	0.578889	0.588044	0.732594	0.759309	0.741393	0.697241	0.557165	0.407179
0.529811	0.737799	0.571281	0.813014	0.579985	0.637284	0.763399	0.972888	0.695964	0.565666
0.491509	0.608107	0.554837	0.642175	0.622126	0.562071	0.613283	0.76459	0.484631	0.527355
0.570191	0.768339	0.665418	0.792164	0.743205	0.792693	0.441748	0.547568	0.57066	0.50689
0.668388	0.936954	0.806875	0.906379	0.586592	0.67023	0.659108	0.729042	0.952409	0.757861
0.747635	0.729282	0.880533	0.911708	0.714347	0.874713	0.661085	0.66959	0.691682	0.552781
0.980077	0.788577	0.844496	0.86595	0.861871	0.9989	0.680331	0.831183	0.567447	0.551988
0.820814	0.605381	0.525966	0.667904	0.732594	0.873104	0.613283	0.87507	0.664829	0.760413
0.792756	0.567248	0.428344	0.682417	0.653001	0.61456	0.481808	0.653999	0.849191	0.885642
0.878045	0.763097	0.76828	0.857981	0.58826	0.820241	0.522328	0.712303	0.715776	0.610397
0.707879	0.788577	1.029898	0.874068	0.64914	0.896192	0.624067	0.635265	0.65103	0.477895
0.853927	0.527627	0.789913	0.800384	0.630331	0.579689	0.511663	0.707946	0.597259	0.646269
0.810786	0.839826	0.777612	0.861151	0.874604	0.679387	0.489749	0.657845	0.658861	0.639434
0.863414	0.815646	0.905128	0.804554	0.698987	0.657336	0.460691	0.602604	0.646205	0.597014
0.776752	0.729282	0.897957	0.642175	0.725661	0.815996	0.399612	0.585104	0.666837	0.720106
0.73437	0.605381	0.841363	0.530901	0.700067	0.783449	0.406174	0.517192	0.580445	0.6779
0.686088	0.568079	0.720848	0.608005	0.559182	0.686644	0.553666	0.759678	0.44424	0.432894
0.750091	0.447619	0.662307	0.80177	0.72796	0.653445	0.477242	0.585104	0.420779	0.478564
0.846177	0.516413	0.51774	0.601832	0.532664	0.601475	0.588278	0.756031	0.718035	0.811994
0.730822	0.616389	0.565454	0.523528	0.571866	0.699375	0.665066	0.716704	0.56905	0.568125
0.53956	0.57058	0.713811	0.542202	0.667795	0.700453	0.475947	0.729042	0.449698	0.470611
0.462619	0.423721	0.592752	0.387758	0.563106	0.601475	0.57103	0.756031	0.525519	0.543362
0.621987	0.354942	0.648075	0.549126	0.546099	0.521636	0.499884	0.684734	0.604171	0.729539
0.651382	0.517891	0.574646	0.402998	0.61585	0.64292	0.515189	0.644531	0.606792	0.671595
0.516665	0.57058	0.527478	0.281535	0.61585	0.803504	0.667071	0.594182	0.482651	0.691882
0.523188	0.441365	0.559705	0.41026	0.517497	0.555065	0.656159	0.635265	0.473531	0.69849
0.605789	0.463006	0.69004	0.443616	0.665794	0.545896	0.54146	0.492746	0.532109	0.697382
0.58341	0.494116	0.795493	0.608005	0.7754	0.49193	0.456341	0.593349	0.575525	0.644305
0.46135	0.418388	0.683481	0.606232	0.838959	0.708074	0.48775	0.675585	0.532109	0.593514
0.295012	0.374723	0.506047	0.389365	0.433829	0.605793	0.587441	0.470229	0.342612	0.72362
0.33242	0.334079	0.463494	0.346462	0.396279	0.422928	0.483122	0.479096	0.453375	0.576424
0.465807	0.40505	0.636238	0.406334	0.532664	0.462876	0.359223	0.513021	0.460824	0.545698
0.71012	0.393775	0.528237	0.398589	0.527549	0.444533	0.428209	0.60006	0.484631	0.562409
0.48078	0.499761	0.386967	0.42867	0.579985	0.539889	0.477892	0.61206	0.553274	0.678959
0.499733	0.608107	0.489771	0.507733	0.604429	0.539144	0.622251	0.448226	0.507721	0.819261
0.510238	0.46892	0.479475	0.437575	0.718838	0.408364	0.602761	0.465242	0.360129	0.588316
0.507412	0.49552	0.625663	0.408012	0.603563	0.430397	0.408937	0.433577	0.302115	0.528854

0.392929	0.512007	0.567942	0.454081	0.555293	0.326747	0.485761	0.531392	0.422495	0.63366
0.325417	0.497636	0.506047	0.475146	0.474936	0.325835	0.406174	0.513021	0.507721	0.644305
0.381186	0.396567	0.498186	0.450359	0.335736	0.440362	0.518744	0.459088	0.422495	0.562409
0.307275	0.355961	0.496067	0.479749	0.358261	0.523786	0.475947	0.439377	0.511223	0.590907
0.444577	0.388796	0.369244	0.400237	0.409913	0.296766	0.419033	0.434731	0.480026	0.466688
0.499042	0.430935	0.294052	0.334945	0.478166	0.279641	0.425897	0.434731	0.377348	0.430493
0.333835	0.414869	0.371883	0.320506	0.384625	0.411682	0.371256	0.345246	0.420779	0.456398
0.303295	0.452687	0.451883	0.457208	0.3815	0.356502	0.381544	0.361046	0.388865	0.527355
0.313088	0.338956	0.444937	0.42691	0.385148	0.260022	0.356758	0.336404	0.538051	0.42219
0.465167	0.499051	0.428344	0.523528	0.446903	0.375998	0.557552	0.368918	0.421351	0.304107
0.550308	0.441365	0.431977	0.364333	0.431494	0.352124	0.517319	0.430133	0.45895	0.404351
0.403887	0.432758	0.407163	0.365856	0.344702	0.350675	0.346554	0.388726	0.465229	0.523629
0.359112	0.469582	0.52146	0.446056	0.382019	0.405618	0.39422	0.399246	0.464597	0.3723
0.319437	0.40505	0.453158	0.466725	0.524653	0.435644	0.468888	0.384588	0.480026	0.37863
0.381713	0.451415	0.395827	0.468654	0.579167	0.449349	0.535483	0.359585	0.423069	0.377039
0.356617	0.404479	0.374006	0.435183	0.388299	0.470436	0.335647	0.267535	0.445447	0.403788
0.432557	0.595529	0.501742	0.456581	0.312105	0.326747	0.256646	0.281923	0.467767	0.417516
0.369752	0.514939	0.509667	0.483066	0.455432	0.336908	0.377399	0.288062	0.493315	0.345396
0.425502	0.510548	0.472745	0.488428	0.573478	0.449955	0.441151	0.345717	0.485956	0.473907
0.564531	0.528385	0.493257	0.511273	0.581628	0.689792	0.4582	0.42389	0.682197	0.506177
0.508823	0.532961	0.411201	0.651892	0.562318	0.578057	0.402334	0.433577	0.515463	0.438957
0.620157	0.773644	0.434416	0.595746	0.491999	0.471071	0.568621	0.45302	0.48397	0.35991
0.628452	0.601772	0.529757	0.540678	0.717711	0.713601	0.668077	0.530671	0.582926	0.399864
0.528331	0.73903	0.590118	0.693088	0.704411	0.645765	0.72387	0.584288	0.628348	0.455763
0.69036	0.824556	0.67809	0.840948	0.56866	0.621703	0.772267	0.675585	0.691682	0.519935
0.518106	0.903306	0.776266	0.854834	0.576719	0.71249	0.551351	0.783518	0.65689	0.625141
0.623824	0.91794	0.489771	0.585507	0.571062	0.5972	0.67314	0.732468	0.617436	0.62702
0.674553	0.784453	0.679163	0.869179	0.835993	0.735269	0.841498	0.616427	0.507024	0.481247
0.896623	0.643215	0.680239	0.817307	0.804641	0.88121	0.739016	0.652089	0.759581	0.552781
0.747635	0.647187	0.584036	0.659824	0.565477	0.637284	0.503315	0.671579	0.742483	0.649231
0.591027	0.713894	0.621881	0.680314	0.364704	0.440956	0.512366	0.648293	0.637655	0.497009
0.816488	0.686843	0.607072	0.668925	0.400596	0.578872	0.555216	0.637102	0.531371	0.564034
1.038164	0.605381	0.645086	0.803159	0.445097	0.476837	0.557552	0.494731	0.566647	0.597894
0.795482	0.568079	0.635266	0.712983	0.58826	0.64292	0.461942	0.585921	0.763334	0.643326
0.638812	0.652202	0.606163	0.536891	0.585761	0.806249	0.439958	0.824045	0.721444	0.687532
0.652364	0.712733	0.685657	0.745864	0.581628	0.628966	0.665066	0.993308	0.736536	0.610397
0.580901	0.572255	0.554837	0.657827	0.559964	0.713601	0.634192	0.851817	0.705757	0.558371
0.682912	0.770983	0.778962	0.528676	0.614073	0.703702	0.532525	0.741741	0.562671	0.617706
0.661305	0.827568	0.870404	0.658825	0.634028	0.621703	0.479193	0.697241	0.461451	0.531868
0.552647	0.560661	0.652094	0.438176	0.575907	0.466639	0.411718	0.715599	0.654928	0.814887
0.757543	0.563119	0.647077	0.605349	0.57026	0.561287	0.479193	0.620839	0.495344	0.746557
0.614713	0.412539	0.675952	0.660826	0.611422	0.796715	0.535483	0.598373	0.435884	0.537194
0.593596	0.438271	0.61534	0.560121	0.521776	0.579689	0.561472	0.787405	0.477416	0.471926
0.62567	0.553367	0.583174	0.489103	0.666793	0.548931	0.661085	0.886362	0.488618	0.608588
0.753801	0.583305	0.635266	0.514841	0.804641	0.813189	0.694008	0.777116	0.585421	0.837215
0.796851	0.623886	0.830574	0.674065	0.820034	0.954088	0.832583	0.664658	0.469679	0.672639
0.627523	0.581587	0.967198	0.720973	0.863443	0.799418	0.669085	0.769557	0.526975	0.683224

0.689288	0.643215	0.737726	0.627997	0.824329	0.64292	0.555216	0.814245	0.65689	0.797815
0.871481	0.91794	0.68894	0.49591	0.608786	0.477483	0.635124	0.770808	0.750948	0.987135
0.817925	0.8306	0.794091	0.496597	0.492668	0.528119	0.700469	0.626193	0.53955	0.75406
0.71012	0.618251	0.850829	0.608005	0.711101	0.542882	0.746188	0.697241	0.554826	0.637501
0.50953	0.613611	1.004176	0.780118	0.82577	0.681448	0.634192	0.868746	0.627428	0.984984
0.622904	0.788577	0.877131	0.817307	1.051601	0.472985	0.656159	0.964982	0.666837	0.998058
0.56133	0.950777	0.801147	0.699619	0.877847	0.643866	0.67416	0.636183	0.7473	0.890795
0.577577	0.611768	0.69004	0.491813	0.960007	0.765533	0.820975	0.632523	0.687441	0.659254
0.491509	0.617319	0.808319	0.568149	0.98635	0.755617	0.741393	0.696185	0.533587	0.728349
0.551087	0.777666	0.754009	0.685591	0.847979	0.728309	0.907864	0.783518	0.684287	1.020763
0.787356	0.977679	0.546843	0.608894	0.851028	0.623507	0.975885	0.989147	0.686387	0.903063
0.644568	0.774981	0.684568	0.575503	0.724517	0.612792	1.042042	0.769557	0.89433	0.857541
0.62567	0.652202	0.580598	0.511984	0.614073	0.566806	0.875845	0.639873	0.641434	0.799213
0.523188	0.644205	0.661274	0.570587	0.571062	0.430977	0.610629	0.687827	0.473531	0.964031
0.510238	0.545405	0.723219	0.706249	0.503528	0.443337	0.759653	0.814245	0.628348	0.780049
0.554213	0.710419	0.532814	0.754489	0.540077	0.456675	0.746188	0.774582	0.884254	0.746557
0.708998	0.674987	0.435028	0.577155	0.612304	0.542882	0.791902	0.458478	0.699204	0.640404
0.574279	0.767022	0.504607	0.598344	0.606167	0.565222	0.569422	0.301455	0.509119	0.84492
0.858645	0.958879	0.662307	0.711853	0.616741	0.497305	0.757173	0.60006	0.760829	0.841822
0.692512	0.664482	0.508941	0.926246	0.519631	0.655386	0.834056	0.599216	0.692748	0.592643
0.67352	0.583305	0.492558	0.693088	0.621224	0.576432	0.711455	0.64735	0.72488	0.481247
0.518106	0.54226	0.426539	0.554589	0.478166	0.59976	0.492429	0.544582	0.500116	0.515543
0.531297	0.57478	0.501742	0.544498	0.44993	0.525226	0.630483	0.468977	0.5388	0.63366
0.629384	0.64619	0.543686	0.577155	0.53933	0.67836	0.70813	0.748827	0.939024	0.655217
0.658304	0.544617	0.654117	0.65584	0.501471	0.61456	0.806888	0.762127	0.831195	0.568948
0.564531	0.510548	0.56134	0.566532	0.598402	0.711381	0.539209	0.628895	0.790556	0.498407
0.513797	0.500472	0.4381	0.724442	0.518919	0.576432	0.317755	0.467106	0.684287	0.645286
0.732002	0.701286	0.53744	0.654849	0.233431	0.588773	0.503315	0.421082	0.742483	0.62048
0.627523	0.649186	0.712649	0.600085	0.428014	0.497982	0.443546	0.492746	0.652974	0.538728
0.652364	0.388796	0.600749	0.468654	0.521776	0.466639	0.429951	0.58674	0.65395	0.509037
0.623824	0.477607	0.516261	0.477113	0.600975	0.705883	0.485761	0.549822	0.443036	0.494226
0.665338	0.546195	0.424741	0.516277	0.477518	0.542882	0.402881	0.384074	0.334111	0.391027
0.7914	0.556594	0.466117	0.588893	0.415489	0.611032	0.42188	0.577012	0.346444	0.492841
0.621071	0.539138	0.578037	0.493857	0.488665	0.601475	0.421309	0.564371	0.580445	0.514815
0.356119	0.317894	0.406589	0.483066	0.554519	0.566806	0.370748	0.572228	0.48662	0.524372
0.409472	0.368904	0.476097	0.414221	0.571062	0.495955	0.540708	0.490769	0.396897	0.533383
0.298916	0.470245	0.588372	0.361303	0.445097	0.443935	0.48378	0.553603	0.377348	0.627962
0.470956	0.532195	0.712649	0.452216	0.552207	0.492598	0.520174	0.541616	0.45895	0.614951
0.434935	0.472241	0.532814	0.467367	0.599258	0.520208	0.485761	0.557418	0.55405	0.662307
0.275588	0.387149	0.42534	0.387223	0.532664	0.316819	0.423597	0.476544	0.362619	0.597894
0.253057	0.434588	0.549226	0.495225	0.598402	0.437407	0.419033	0.345246	0.207963	0.549619
0.295444	0.442608	0.582313	0.3835	0.581628	0.39374	0.496479	0.414415	0.394741	0.597014
0.447021	0.507645	0.439335	0.415359	0.535614	0.42179	0.46635	0.483598	0.412298	0.442636
0.430193	0.383873	0.346686	0.405219	0.468548	0.471708	0.497158	0.465242	0.410064	0.428104
0.420861	0.44448	0.393595	0.505623	0.488665	0.449349	0.520174	0.419405	0.522622	0.416935
0.538802	0.520864	0.4381	0.427496	0.37023	0.443337	0.451422	0.377948	0.62468	0.448213
0.54721	0.596416	0.510395	0.509146	0.467282	0.458526	0.542967	0.329548	0.462078	0.448213

0.675589	0.636352	0.484936	0.565725	0.558401	0.508953	0.472724	0.478457	0.55405	0.430493
0.67146	0.612689	0.632363	0.753246	0.533399	0.690846	0.477242	0.419963	0.554826	0.432293
2.358952	1.504791	0.760438	1.093194	0.992663	0.877949	0.68659	0.48102	0.65985	0.460228
1.578543	1.847731	1.117701	1.674065	0.935306	3.703051	1.522415	0.934721	0.940911	0.699602
1.380071	1.205344	1.918862	0.852614	0.901129	1.211502	1.211843	0.883106	1.098817	1.077983
1.164956	1.18515	0.587526	0.866952	1.211162	1.211672	1.468328	1.43735	1.6332	1.469378
1.78319	1.175053	0.88129	0.874121	1.390985	1.524074	1.324511	1.380931	1.453364	1.370273
1.395807	1.303865	2.000738	0.650299	0.594343	0.580354	1.287829	3.075258	1.375602	1.597999
1.211922	2.097468	0.426477	0.538388	0.566365	0.587349	1.48783	1.251148	1.331016	1.224656
2.311596	0.852953	0.763211	0.861609	1.214682	1.05634	1.152673	1.40922	1.286431	1.162882
0.493985	0.673469	2.487886	1.446056	0.960007	0.956027	1.74273	1.54068	1.672141	0.802021
0.246992	0.7906	1.471065	1.45856	1.360273	1.032341	1.138648	1.837738	1.928311	1.469378
0.907731	1.017941	2.487886	1.409417	1.725753	1.213795	1.409003	1.063501	1.966701	1.460257
1.12815	1.935092	1.272892	1.341154	1.009961	1.224484	1.10334	0.814245	2.63544	1.500308
0.932583	3.642662	1.117701	1.428082	0.884405	1.1516	1.301489	1.144297	1.046943	1.54036
1.364592	2.749557	0.965118	1.210954	1.412737	0.963874	1.552214	0.949588	1.86042	0.915688
1.424267	1.120455	1.05724	1.47777	1.387776	2.572717	1.143783	0.642662	1.354329	1.475976
1.237984	0.981969	0.785774	1.362815	1.18729	1.585779	1.323692	0.73824	1.526421	1.962235
0.878045	1.057099	1.164351	1.12954	0.812969	0.89789	1.240972	1.178143	1.27813	0.710873
0.496287	1.279906	1.09473	1.634556	0.745598	0.661263	2.064328	1.207942	1.548835	0.917522
0.751324	1.483752	1.280322	0.979251	1.044378	0.933304	2.039951	1.239936	1.231403	1.475976
1.436057	1.847731	1.029898	1.410823	1.360273	1.154661	1.462018	0.968917	1.478223	1.245811
0.905338	1.497664	0.919833	1.106982	0.796469	0.851181	0.948153	0.688863	1.89304	1.297689
0.586779	0.992885	1.184511	0.901115	0.730271	0.665226	0.902649	0.974888	1.33516	1.349909
1.245625	1.690178	1.025106	0.716389	0.967943	0.873104	1.33758	1.204528	0.999541	1.419917
1.295015	1.135365	1.018017	1.132961	1.099511	1.935895	2.24903	1.05619	0.876033	1.025093
0.819367	1.344405	0.801147	1.729112	1.453639	1.066061	1.899413	0.685763	0.972276	1.838929
0.750091	0.910561	0.76828	1.232856	1.089637	0.671238	1.125859	1.218347	2.200211	1.114006
1.146163	1.089	1.302309	1.634556	1.597616	0.88947	1.567916	1.30338	2.418865	1.39164
1.528982	1.192074	1.258669	0.908148	1.544375	1.556146	1.219444	1.063501	0.958274	1.365092
1.237984	1.215029	1.370551	1.491134	1.964116	2.380831	1.172899	1.135507	0.897741	0.946824
0.858645	1.526901	0.732146	1.051349	2.615743	1.21029	1.086254	1.021376	0.846139	1.40273
1.78319	0.249264	0.124632	0.218106	0.627553	1.037001	0.556451	0.323989	0.265873	0.8602
0.498527	0.373895	0.311579	0.171369	0.194737	0.091526	0.091526	0.207758	0.236815	0.563037
1.887877	0.436211	2.101722	1.899374	0.183053	0.091526	0.091526	1.837738	1.703825	0.118408
0	0.218106	1.535491	1.589744	0.091526	0.984134	0.091526	1.867993	0	0
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0	0	0	0	0	1.629332	0	0	0	0
0	0	0	0	0	1.538698	1.177981	0	0	0
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0.536624	0.268312	0.646892	1.025472	0	0	0	0	0	1.743002
1.150714	1.690178	1.918862	1.644101	0.512736	0.256368	0	0	1.614965	0.572973
1.628341	0.737799	1.804689	1.706249	1.516342	2.435879	1.184545	1.144419	1.788208	1.156872
1.212252	0.842946	1.030123	1.533886	1.498798	1.50757	1.807054	1.164482	1.104292	1.307306
1.677544	1.005564	1.054682	0.834916	0.815781	1.217794	2.438365	1.134387	1.149434	1.037394

[illegible]

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0.007164	0.003582	0.001791	0	0	0	0	0	0	0
1.116518	1.085624	1.520863	1.895621	0.324716	0.162358	0.081179	0.040589	0	0
0.730064	0.732404	0.925451	0.797898	0.772456	0.649432	0.711635	1.228945	2.396448	0.160712
0.666072	0.522828	0.549037	0.393984	0.564697	0.763937	0.69101	0.687642	0.321423	1.202742
0.672166	0.489998	0.433489	0.449798	0.738311	0.612147	0.718358	0.737324	0.396537	0.772711
0.560108	0.519995	0.332907	0.51175	0.604182	0.441422	0.729798	0.864246	0.700994	0.643625
0.299475	0.172576	0.091245	0.162537	0.499137	0.590889	0.853718	0.68234	0.744419	0.780696
0.395125	0.363954	0.143013	0.07505	0.457272	0.684007	0.679501	0.524928	0.641585	0.828943
0.513691	0.807625	0.677161	0.669787	0.79995	0.890792	0.746338	0.56405	0.721578	1.082586
0.484848	0.718806	0.828017	0.822992	0.804024	0.904241	0.849116	0.754404	1.050615	1.015393
0.36587	0.529991	0.47921	0.800615	0.567063	0.560448	0.621592	0.497911	0.960676	0.675105
0.476947	0.4953	0.3948	0.455302	0.563127	0.594221	0.54705	0.422194	0.636742	0.554496
0.383396	0.49932	0.407317	0.684142	0.619966	0.681955	0.553181	0.352776	0.649449	0.689017
0.452219	0.68864	0.447797	0.649107	0.409085	0.469358	0.347417	0.340132	0.604271	0.595461
0.559319	0.558343	0.455748	0.654916	0.364225	0.527676	0.510572	0.556096	0.472644	0.294589
0.482198	0.450964	0.399655	0.511049	0.429332	0.583484	0.566506	0.583755	0.654437	0.400319
0.502476	0.427523	0.30324	0.511049	0.396627	0.706156	0.519766	0.50767	0.612392	0.540367
0.627498	0.465661	0.406765	0.513858	0.341066	0.548996	0.457917	0.44113	0.712309	0.644606
0.507347	0.451566	0.511667	0.433106	0.423045	0.684007	0.449325	0.486348	0.571566	0.539596
0.594631	0.456417	0.542205	0.43604	0.357342	0.493873	0.459781	0.710647	0.57825	0.494252

0.452836	0.445578	0.52377	0.537002	0.403082	0.537838	0.394049	0.533821	0.545815	0.57575
0.4776	0.416261	0.636943	0.684142	0.487792	0.590889	0.466051	0.552173	0.520767	0.607912
0.567278	0.562994	0.580777	0.358097	0.403082	0.617407	0.471773	0.634483	0.552111	0.395313
0.32492	0.404742	0.619498	0.474815	0.392376	0.449735	0.393514	0.491751	0.328945	0.443822
0.323085	0.376452	0.475964	0.479996	0.464079	0.425257	0.446901	0.503461	0.418701	0.400319
0.332339	0.381041	0.4539	0.379789	0.451175	0.438491	0.449933	0.496534	0.418119	0.547374
0.377129	0.367914	0.444175	0.415906	0.373239	0.266973	0.49275	0.602639	0.354834	0.45005
0.395125	0.403661	0.348054	0.485239	0.513573	0.331345	0.46416	0.499984	0.443291	0.545026
0.417867	0.346566	0.395337	0.418161	0.51991	0.448538	0.6335	0.479687	0.359897	0.542691
0.51086	0.412387	0.545228	0.544495	0.374759	0.453953	0.519766	0.493112	0.371247	0.531198
0.532556	0.475105	0.522329	0.530367	0.54472	0.526244	0.55241	0.73613	0.492224	0.473902
0.420724	0.683467	0.361756	0.440181	0.647619	0.497204	0.508478	0.5452	0.442058	0.488731
0.421872	0.461322	0.398031	0.511049	0.587292	0.558134	0.60737	0.406836	0.447009	0.664699
0.35687	0.431535	0.406765	0.60437	0.552295	0.483382	0.532825	0.499984	0.493608	0.501253
0.392431	0.481518	0.408423	0.531099	0.482554	0.338247	0.538012	0.555308	0.611482	0.406516
0.527396	0.580487	0.496489	0.598339	0.410185	0.44794	0.645744	0.561648	0.469356	0.392557
0.496975	0.535808	0.413434	0.441372	0.452388	0.543753	0.529158	0.50556	0.661518	0.558503
0.25618	0.347514	0.32143	0.399903	0.381411	0.406404	0.442691	0.460297	0.526708	0.544246
0.289192	0.388798	0.337584	0.476104	0.416288	0.357692	0.387675	0.321369	0.541152	0.412228
0.326763	0.440259	0.399113	0.45346	0.439232	0.360612	0.509873	0.370402	0.380225	0.488046
0.345635	0.437915	0.424206	0.419292	0.452388	0.35191	0.537267	0.426267	0.322356	0.464722
0.40718	0.466284	0.498528	0.533304	0.4058	0.447344	0.371629	0.430377	0.405494	0.400879
0.389221	0.527111	0.414555	0.57746	0.473537	0.411865	0.257839	0.356245	0.564983	0.446303
0.450988	0.592831	0.415679	0.555208	0.560783	0.464989	0.490739	0.433932	0.571566	0.418599
0.569695	0.597025	0.52161	0.565398	0.540981	0.429814	0.610882	0.483671	0.510562	0.295467
0.472404	0.38932	0.474029	0.538491	0.45057	0.532002	0.577794	0.536826	0.60071	0.504085
0.456555	0.509534	0.406214	0.632133	0.498461	0.528394	0.540254	0.462197	0.478627	0.429828
0.535532	0.643224	0.440584	0.485239	0.390266	0.569833	0.536524	0.367329	0.485372	0.43404
0.632136	0.526395	0.493113	0.541483	0.511481	0.782885	0.567303	0.497911	0.612392	0.492173
0.507347	0.432688	0.525941	0.517394	0.556133	0.749353	0.46416	0.520549	0.660499	0.471259
0.287501	0.522828	0.448403	0.610486	0.522756	0.613893	0.437929	0.444165	0.660499	0.646574
0.351461	0.658488	0.540701	0.648147	0.423045	0.500561	0.578612	0.500677	0.655442	0.477896
0.437078	0.563774	0.537708	0.643375	0.529229	0.583484	0.73446	0.415871	0.56662	0.494947
0.625656	0.494634	0.430567	0.689386	0.687461	0.483382	0.60043	0.418734	0.53425	0.392557
0.596345	0.59956	0.535478	0.785874	0.696952	0.681955	0.540254	0.423354	0.536539	0.419767
0.576206	0.580487	0.534737	0.65785	0.522756	0.55278	0.383477	0.465384	0.592803	0.633939
0.652178	0.575646	0.406214	0.494571	0.512874	0.503266	0.362577	0.540612	0.494301	0.409934
0.669108	0.472566	0.499893	0.66878	0.487134	0.636337	0.484764	0.486348	0.53349	0.366951
0.577849	0.416261	0.575053	0.57502	0.451175	0.642835	0.505701	0.565658	0.706614	0.400879
0.537778	0.484109	0.646414	0.43781	0.381927	0.606089	0.486747	0.506966	0.546597	0.455097
0.697432	0.534346	0.562244	0.602639	0.419653	0.521974	0.47822	0.634483	0.516364	0.548947
0.698518	0.549188	0.483137	0.579094	0.429909	0.61829	0.521197	0.582916	0.585894	0.502666
0.63307	0.391415	0.507475	0.659817	0.556133	0.696525	0.558619	0.493794	0.564168	0.434645
0.684615	0.490657	0.498528	0.508259	0.529954	0.84526	0.47822	0.518376	0.54738	0.445061
0.579498	0.401506	0.566207	0.537002	0.382443	0.697584	0.506394	0.621464	0.516364	0.471918
0.593776	0.428094	0.537708	0.626619	0.386598	0.594221	0.588546	0.676061	0.591933	0.514146
0.766618	0.632118	0.45206	0.704415	0.563127	0.632667	0.547812	0.494478	0.512006	0.418599

0.612087	0.661411	0.652198	0.726829	0.622653	0.762703	0.345977	0.5452	0.656448	0.485997
0.556959	0.548434	0.791754	0.60873	0.517082	0.63911	0.49275	0.527134	0.591066	0.569099
0.759057	0.370908	0.50678	0.39132	0.358808	0.598423	0.509175	0.655765	0.505549	0.501253
0.786117	0.415706	0.509566	0.554434	0.465328	0.729495	0.516916	0.641142	0.468701	0.297228
0.656103	0.333048	0.607953	0.514562	0.342949	0.648483	0.483447	0.493794	0.420454	0.350184
0.541547	0.372916	0.555202	0.525999	0.474814	0.486633	0.381913	0.524928	0.580783	0.438292
0.574569	0.421856	0.634142	0.537746	0.5965	0.558134	0.536524	0.552173	0.523727	0.560926
0.486179	0.412387	0.605332	0.405904	0.456659	0.650382	0.519766	0.684453	0.570738	0.641671
0.488853	0.449161	0.671037	0.492554	0.465954	0.649432	0.544016	0.641142	0.624396	0.458922
0.547647	0.398294	0.557537	0.781939	0.593969	0.598423	0.46479	0.558467	0.63578	0.529688
0.580325	0.326218	0.631358	0.56145	0.54397	0.531278	0.375713	0.716308	0.684555	0.522218
0.530337	0.363461	0.59077	0.437219	0.572632	0.583484	0.498837	0.600888	0.527456	0.623527
0.580325	0.346093	0.479862	0.475459	0.530681	0.67184	0.592753	0.511921	0.337082	0.568275
0.50595	0.380529	0.642601	0.644325	0.580715	0.692312	0.447505	0.626996	0.435342	0.413956
0.466632	0.50202	0.518033	0.572595	0.643828	0.495202	0.408742	0.742136	0.428132	0.440741
0.596345	0.55527	0.553653	0.396127	0.649526	0.536372	0.447505	0.601762	0.546597	0.589367
0.521572	0.672299	0.650261	0.443763	0.604182	0.696525	0.595297	0.616001	0.530463	0.502666
0.620178	0.639491	0.755816	0.674859	0.692708	0.64471	0.650547	0.491072	0.434132	0.591968
0.508749	0.443206	0.698218	0.534041	0.685379	0.613893	0.609123	0.645962	0.395983	0.649543
0.547647	0.543936	0.600998	0.436629	0.659192	0.625419	0.591909	0.69954	0.546597	0.611536
0.402208	0.596182	0.629512	0.474171	0.707748	0.60523	0.650547	0.55926	0.512006	0.757169
0.480222	0.462557	0.603593	0.457771	0.600751	0.594221	0.546289	0.499292	0.482662	0.568275
0.608539	0.48346	0.700382	0.555208	0.589784	0.445559	0.485424	0.450917	0.457082	0.643625
0.517972	0.512299	0.613243	0.631209	0.690602	0.562775	0.631647	0.643064	0.484693	0.721758
0.514401	0.573245	0.584083	0.489214	0.619966	0.604374	0.805598	0.661755	0.552904	0.54659
0.581984	0.513688	0.542205	0.563025	0.527061	0.517046	0.702831	0.668849	0.646483	0.585923
0.556959	0.444984	0.569403	0.615797	0.747796	0.499888	0.606497	0.469238	0.528957	0.690106
0.478909	0.514385	0.685462	0.575832	0.769926	0.561223	0.576164	0.435124	0.502002	0.660605
0.490869	0.636711	0.692858	0.674859	0.605044	0.42356	0.714983	0.629789	0.622528	0.764871
0.534786	0.728964	0.485114	0.653942	0.517082	0.419627	0.624311	0.634483	0.806693	0.713626
0.663057	0.896977	0.672052	0.60437	0.551532	0.456381	0.705016	0.552173	0.629103	0.545026
0.548415	0.676327	0.589928	0.827319	0.768666	0.567468	0.805598	0.535321	0.492224	0.662647
0.4776	0.700242	0.697141	0.726829	0.731331	0.55278	0.739172	0.540612	0.605166	0.811296
0.474994	0.703461	0.571815	0.815875	0.606773	0.775207	0.743936	0.325521	0.536539	0.680404
0.452836	0.786259	0.569403	0.718852	0.590618	0.782885	0.741548	0.475739	0.638673	0.512694
0.441866	0.637636	0.404565	0.664773	0.554594	0.700779	0.601292	0.508376	0.499888	0.490105
0.531075	0.700242	0.391061	0.671809	0.469098	0.53491	0.624311	0.477051	0.639642	0.507651
0.688846	0.827224	0.533997	0.690442	0.600751	0.631754	0.514791	0.379752	0.753147	0.499843
0.581984	0.800834	0.635073	0.640537	0.554594	0.610407	0.628882	0.475085	0.670795	0.445061
0.476295	0.528549	0.421345	0.61402	0.601606	0.636337	0.488073	0.606162	0.577408	0.499843
0.539282	0.630295	0.485114	0.663777	0.535065	0.681955	0.54553	0.552955	0.57825	0.428632
0.612979	0.701313	0.691793	0.738486	0.499813	0.606949	0.581074	0.566464	0.916309	0.510526
0.720815	0.72442	0.769582	0.788517	0.622653	0.925229	0.615313	0.427437	0.795442	0.509805
0.739515	0.539484	0.66102	0.646232	0.619966	0.802698	0.719488	0.680237	0.636742	0.65655
0.552278	0.495967	0.51237	0.506871	0.618183	0.726083	0.540254	0.684453	0.56092	0.598099
0.56328	0.519995	0.613243	0.60437	0.604182	0.64565	0.651514	0.654775	0.672884	0.57996
0.672166	0.652701	0.676134	0.532568	0.508707	0.805409	0.624311	0.647905	0.622528	0.54659

0.759057	0.559888	0.74009	0.471608	0.528505	0.732934	0.627964	0.643064	0.481987	0.455097
0.719672	0.465661	0.729528	0.539237	0.563127	0.578617	0.586875	0.744562	0.410614	0.390365
0.590374	0.469414	0.719216	0.550584	0.550009	0.406947	0.373666	0.629789	0.365019	0.335966
0.653156	0.497305	0.623113	0.674859	0.639136	0.626319	0.462905	0.723201	0.484015	0.633939
0.685669	0.526395	0.691793	0.589867	0.717698	0.914608	0.64862	0.556885	0.436556	0.543468
0.539282	0.528549	0.650261	0.454073	0.727882	0.687103	0.543261	0.616001	0.350826	0.51197
0.622908	0.435004	0.501947	0.515976	0.757492	0.526959	0.480173	0.68871	0.572396	0.560926
0.807929	0.679373	0.715832	0.504796	0.573434	0.537104	0.446297	0.552955	0.740732	0.794338
0.61031	0.67734	0.779875	0.427874	0.54397	0.699711	0.523354	0.676061	0.577408	0.700031
0.550729	0.529991	0.684415	0.411432	0.731331	0.7116	0.585209	0.656758	0.500592	0.724109
0.455312	0.509534	0.622206	0.61402	0.785332	0.76891	0.782745	0.547512	0.552111	0.71133
0.454692	0.508846	0.658059	0.519529	0.721066	0.599268	0.666283	0.6233	0.629103	0.65756
0.371975	0.623075	0.636007	0.383425	0.555363	0.497874	0.5936	0.677101	0.636742	0.641671
0.490869	0.63395	0.339942	0.345967	0.619966	0.439661	0.746338	0.670897	0.490157	0.545807
0.457178	0.639491	0.437613	0.511049	0.593969	0.476951	0.797394	0.705058	0.593675	0.759721
0.353911	0.534346	0.648334	0.654916	0.55306	0.383677	0.676415	0.481675	0.431722	0.574913
0.466632	0.611594	0.583254	0.572595	0.492427	0.290424	0.562544	0.547512	0.468701	0.549735
0.527396	0.632118	0.551339	0.434277	0.595655	0.384192	0.617993	0.71745	0.740732	0.661625
0.586999	0.745255	0.572622	0.589867	0.762423	0.560448	0.64862	0.57379	0.447009	0.71133
0.413335	0.627573	0.526668	0.866745	0.755048	0.573007	0.909591	0.611501	0.331799	0.659588
0.424177	0.447366	0.499893	0.776747	0.593969	0.420747	0.683651	0.606162	0.694343	0.603424
0.666072	0.474469	0.477909	0.470969	0.527061	0.458823	0.740358	0.607047	0.784476	0.569099
0.786117	0.747632	0.425355	0.48261	0.679195	0.514255	0.700658	0.486348	0.484015	0.501253
0.501785	0.745255	0.423059	0.565398	0.62086	0.524816	0.617993	0.488366	0.479968	0.460847
0.400016	0.64699	0.615021	0.767808	0.603322	0.565898	0.565711	0.417587	0.641585	0.608815
0.419579	0.704539	0.71471	0.815875	0.457887	0.496536	0.485424	0.487692	0.776429	0.62073
0.425914	0.638562	0.447191	0.654916	0.598195	0.601813	0.67437	0.540612	0.696549	0.506936
0.476295	0.536541	0.369785	0.646232	0.759951	0.815034	0.94426	0.592237	0.705484	0.762288
0.613872	0.452774	0.300209	0.559881	0.549249	0.702922	0.705016	0.454021	0.781777	0.748354
0.49903	0.517181	0.32782	0.611367	0.587292	0.693361	0.605625	0.494478	0.617891	0.497039
0.490869	0.74407	0.613243	0.653942	0.549249	0.582669	0.601292	0.519823	0.603378	0.451306
0.503169	0.650789	0.627674	0.572595	0.574237	0.60954	0.785372	0.626069	0.486734	0.542691
0.817828	0.553742	0.504012	0.791177	0.78664	0.737562	0.708313	0.611501	0.671838	0.507651
0.583649	0.399897	0.564617	0.770343	0.608509	0.647537	0.558619	0.494478	0.861271	0.54816
0.557744	0.491317	0.538455	0.67384	0.454823	0.583484	0.451152	0.335839	0.755673	0.600753
0.560108	0.718806	0.632284	0.663777	0.599045	0.560448	0.667285	0.563248	0.698766	0.405949
0.557744	0.4953	0.369785	0.617582	0.583991	0.602665	0.764788	0.558467	0.662539	0.510526
0.639663	0.564556	0.35829	0.634916	0.535801	0.691265	0.604755	0.500677	0.668716	0.639725
0.423599	0.489998	0.479862	0.776747	0.605908	0.812262	0.541004	0.610607	0.737076	0.559309
0.441265	0.620399	0.621301	0.555983	0.498461	0.678896	0.529889	0.63166	0.683481	0.481253
0.67731	0.717691	0.459468	0.530367	0.546224	0.698647	0.622497	0.516213	0.591066	0.522218
0.877531	0.695987	0.457604	0.797898	0.540981	0.677881	0.73681	0.645962	0.590199	0.455097
0.745528	0.598713	0.498528	0.851155	0.632652	0.882593	0.625222	0.557675	0.73345	0.600753
0.531815	0.561439	0.49921	0.637718	0.593969	0.762703	0.539505	0.419885	0.624396	0.502666
0.739515	0.676327	0.609709	0.652971	0.479312	0.653247	0.537267	0.571335	0.667681	0.556094
0.727733	0.719923	0.595002	0.723392	0.589784	0.75416	0.49275	0.523463	0.514907	0.399201
0.743113	0.560663	0.554427	0.988731	0.769926	0.912863	0.767308	0.54906	0.697656	0.543468

0.588683	0.609855	0.530317	0.807485	0.597347	0.91636	0.550872	0.63166	1.007825	0.710187
0.594631	0.623971	0.513779	0.761534	0.426463	0.620061	0.5277	0.696262	0.791297	0.689017
0.655118	0.581299	0.504012	0.716599	0.55306	0.578617	0.584379	0.738522	0.693245	0.47324
0.782147	0.671298	0.584083	0.843565	0.634495	0.62184	0.701743	0.568893	0.772461	0.420353
0.775609	0.650789	0.56067	0.749251	0.538753	0.635417	0.583551	0.438117	0.809551	0.666761
0.484184	0.522828	0.47921	0.624797	0.406346	0.65613	0.526246	0.390922	0.573227	0.740937
0.472404	0.649836	0.508171	0.72568	0.50117	0.527676	0.449933	0.55926	0.586751	0.387097
0.690977	0.703461	0.466371	0.755349	0.562345	0.617407	0.657361	0.552955	0.700994	0.31067
0.836831	0.695987	0.470821	0.779335	0.649526	0.813646	0.837078	0.487692	0.764632	0.556896
0.66406	0.526395	0.48248	0.633987	0.608509	0.855821	0.72864	0.524928	0.731049	0.623527
0.428824	0.556804	0.518746	0.676905	0.579087	0.718224	0.562544	0.449682	0.585894	0.589367
0.503862	0.933807	0.458224	0.565398	0.398231	0.53491	0.720622	0.647905	0.684555	0.499843
0.588683	0.773419	0.438206	0.612249	0.54397	0.521974	0.805598	0.634483	0.668716	0.510526
0.640613	0.727824	0.47921	0.508955	0.694825	0.703997	0.754851	0.672956	0.697656	0.408222
0.60502	0.597025	0.498528	0.56145	0.572632	0.827731	0.592753	0.590527	0.75949	0.460204
0.479565	0.628478	0.513779	0.67384	0.456046	0.575402	0.494769	0.570519	0.729854	0.509086
0.570504	0.78366	0.496489	0.627533	0.462212	0.484679	0.636295	0.66681	0.598941	0.492173
0.767891	0.650789	0.434076	0.743237	0.601606	0.521974	0.649582	0.55926	0.545034	0.393107
0.621086	0.586204	0.470821	0.857324	0.650483	0.548243	0.484105	0.521275	0.662539	0.298554
0.441265	0.590334	0.48248	0.683101	0.578275	0.723823	0.46795	0.525662	0.663563	0.48058
0.616563	0.630295	0.505394	0.651035	0.493761	0.695468	0.692071	0.613296	0.722751	0.415112
0.744319	0.655585	0.502634	0.665771	0.495099	0.65229	0.577794	0.54674	0.73345	0.350683
0.767891	0.588677	0.375905	0.700067	0.561563	0.62095	0.546289	0.412461	0.590199	0.348195
0.576206	0.453379	0.4871	0.671809	0.616408	0.65229	0.476923	0.531581	0.562541	0.424473
0.589528	0.628478	0.607077	0.75168	0.395028	0.65229	0.605625	0.500677	0.553699	0.545807
0.676276	0.735871	0.60883	0.637718	0.479312	0.709414	0.46416	0.568082	0.61605	0.493558
0.655118	0.750023	0.564617	0.43781	0.541726	0.746969	0.407084	0.416442	0.652435	0.418599
0.759057	0.579676	0.564617	0.601775	0.597347	0.724952	0.534301	0.528611	0.495691	0.366951
0.582816	0.522118	0.542205	0.704415	0.560005	0.78939	0.48279	0.628856	0.466743	0.42923
0.47305	0.434424	0.559101	0.593236	0.352009	0.557365	0.538758	0.689781	0.642561	0.681471
0.435296	0.507472	0.440584	0.566191	0.337789	0.558904	0.675391	0.681287	0.466743	0.478566
0.588683	0.580487	0.3948	0.622077	0.437469	0.409672	0.510572	0.675023	0.525961	0.458922
0.656103	0.567696	0.478559	0.580734	0.529229	0.629028	0.586875	0.831837	0.48064	0.542691
0.569695	0.631205	0.7497	0.516684	0.459118	0.698647	0.597856	0.725524	0.636742	0.775356
0.833853	0.489998	0.671037	0.424421	0.467209	0.62095	0.610002	0.670897	0.460278	0.65655
0.639663	0.396697	0.451448	0.509652	0.49644	0.744598	0.539505	0.710647	0.517095	0.535758
0.519409	0.426384	0.53622	0.528906	0.472264	0.558904	0.422804	0.613296	0.464146	0.622593
0.70841	0.657518	0.672052	0.609607	0.642886	0.514951	0.405433	0.687642	0.490845	0.721758
0.727733	0.750023	0.72837	0.508259	0.600751	0.388857	0.387675	0.568082	0.652435	0.719419
0.803755	0.543191	0.555202	0.461501	0.467838	0.518448	0.495444	0.446608	0.52003	0.664699
0.765349	0.489998	0.510966	0.520959	0.457887	0.710506	0.5689	0.587975	0.53425	0.759721
0.522296	0.597868	0.691793	0.551352	0.54397	0.63911	0.597856	0.651817	0.500592	0.844218
0.555393	0.609855	0.803967	0.730293	0.716581	0.565898	0.697418	0.714035	0.618815	0.679339
0.718533	0.553742	0.559884	0.575832	0.604182	0.484679	0.630723	0.520549	0.484693	0.564176
0.601529	0.587026	0.651229	0.545252	0.584814	0.466233	0.596149	0.425099	0.437164	0.623527
0.52085	0.554505	0.781179	0.635848	0.645719	0.641901	0.611765	0.709523	0.67815	0.847338
0.565675	0.566123	0.658059	0.698987	0.773726	0.540785	0.586875	0.782678	0.606961	0.848907

0.855143	0.817314	0.460715	0.738486	0.628078	0.472506	0.532089	0.436318	0.490157	0.653533
0.847419	0.612467	0.495135	0.404259	0.599045	0.498544	0.659328	0.415871	0.472644	0.491483
0.436483	0.553742	0.484454	0.440181	0.713248	0.472506	0.595297	0.563248	0.467395	0.622593
0.35195	0.674308	0.497168	0.526724	0.748996	0.545245	0.660315	0.594814	0.592803	0.67616
0.412209	0.612467	0.539951	0.800615	0.626262	0.539309	0.672334	0.581242	0.519295	0.638755
0.548415	0.566908	0.29336	0.547529	0.481904	0.600115	0.797394	0.742136	0.73345	0.62073
0.618367	0.593666	0.339469	0.423276	0.726739	0.691265	0.829721	0.592237	0.61974	0.557699
0.549185	0.655585	0.452672	0.51175	0.726739	0.665882	0.822486	0.516933	0.457719	0.526684
0.450988	0.600409	0.525941	0.717724	0.522043	0.564334	0.757314	0.69954	0.649449	0.584211
0.543824	0.501343	0.349986	0.789845	0.493094	0.638184	0.665282	0.536073	0.708883	0.604318
0.61031	0.575646	0.324613	0.554434	0.469729	0.594221	0.643838	0.536826	0.854856	0.488731
0.449761	0.51578	0.475964	0.754122	0.587292	0.558904	0.54553	0.379228	0.642561	0.416852
0.597205	0.643224	0.562244	0.643375	0.517082	0.458211	0.546289	0.415301	0.741958	0.533472
0.787449	0.775957	0.628592	0.746835	0.583991	0.779029	0.60737	0.516933	0.631952	0.476561
0.728897	0.649836	0.580777	0.796545	0.724461	0.703997	0.603887	0.63354	0.707747	0.568275
0.567278	0.514385	0.428243	0.759049	0.571832	0.75537	0.521197	0.644994	0.763341	0.648551
0.630275	0.598713	0.524493	0.787193	0.570237	0.601813	0.608246	0.552173	0.806693	0.555294
0.667082	0.602111	0.595854	0.711018	0.593969	0.718224	0.514085	0.530836	0.723926	0.522959
0.77952	0.693875	0.623113	0.454073	0.531409	0.697584	0.625222	0.698445	0.728662	0.522959
0.81926	0.65946	0.642601	0.483266	0.507327	0.616526	0.498837	0.784008	0.608764	0.619802
0.619271	0.477659	0.613243	0.785874	0.60938	0.712697	0.67437	0.664781	0.659483	0.811296
0.597205	0.445578	0.605332	0.800615	0.52347	0.660004	0.534301	0.646933	0.716919	0.590232
0.832371	0.622181	0.75705	0.825872	0.575848	0.739895	0.484764	0.740928	0.734655	0.602532
0.672166	0.421293	0.684415	0.654916	0.622653	0.7364	0.69101	0.8201	0.546597	0.65756
0.7073	0.504057	0.636943	0.739669	0.731331	0.665882	0.572113	0.719741	0.659483	0.718254
0.830895	0.573245	0.758287	0.818708	0.627169	0.558134	0.396732	0.575435	0.858052	0.904133
0.823587	0.660435	0.710251	0.659817	0.623553	0.691265	0.498837	0.839337	0.580783	0.779355
0.646357	0.695987	0.706936	0.613133	0.628078	0.78939	0.727486	0.768311	0.467395	0.842666
0.657089	0.559115	0.67511	0.738486	0.878235	0.709414	0.707211	0.643064	0.512006	0.648551
0.680426	0.526395	0.904137	0.613133	0.708842	0.62095	0.64005	0.675023	0.784476	0.786101
0.782147	0.70779	0.770855	0.523832	0.605044	0.565115	0.573729	0.810084	0.580783	0.594585
0.853587	0.874052	0.684415	0.663777	0.971791	0.77394	0.782745	0.645962	0.341941	0.632027
0.475644	0.65946	0.668008	0.849626	0.95602	0.750549	0.852178	0.6233	0.451387	0.890086
0.498344	0.543936	0.629512	0.688332	0.637274	0.59172	0.73681	0.519823	0.569086	0.668832
0.688846	0.700242	0.666	0.686232	0.641945	0.642835	0.719488	0.613296	0.642561	0.717092
0.782147	0.765894	0.566207	0.670797	1.007337	0.805409	0.899194	0.718594	0.705484	0.740937
0.806533	0.869293	0.470183	0.836105	1.301193	0.939806	0.887371	0.57626	0.597178	0.861664
0.686725	0.804896	0.609709	0.81306	0.647619	0.611276	1.037086	0.530093	0.84697	0.924221
0.570504	0.822949	0.710251	0.873141	0.619074	0.589233	0.823923	0.883912	0.938891	0.806994
0.627498	0.673303	0.744869	0.784558	0.780135	0.63911	0.769843	0.552955	0.740732	0.631074
0.929785	0.78366	0.600136	0.915405	1.034304	0.792019	0.998835	0.556096	0.658469	0.780696
0.703986	0.919406	0.571009	0.780635	1.000849	1.06329	0.992422	0.772182	0.803853	0.955205
0.639663	0.754845	0.663005	0.715477	0.791915	1.001424	0.774958	0.719741	0.666647	0.809858
0.69635	0.92475	0.657077	0.851155	0.84551	0.622732	0.786692	0.731384	0.840762	0.556094
0.690977	0.813135	0.559884	0.684142	0.794577	0.651335	0.781438	0.723201	0.812429	0.664699
0.83983	0.849253	0.605332	0.966202	0.84103	0.846753	0.729798	0.552173	0.88964	0.893555
0.666072	0.600409	0.625844	0.862009	0.826421	0.871369	0.595297	0.606162	0.966811	0.947249

0.544586	0.747632	0.690732	0.692563	0.637274	0.690221	0.647659	0.74578	0.968876	0.825952
0.70179	0.841785	0.690732	0.754122	0.673096	0.727217	0.764788	0.815779	0.744419	0.528184
1.033861	0.822949	0.697141	1.090078	0.706656	0.832048	0.790674	0.686576	0.669755	0.520739
0.855143	0.583744	0.705837	0.869931	0.676135	0.802698	0.642888	0.765749	0.948658	0.78883
0.609424	0.551459	0.823675	0.924374	0.631733	0.772677	0.663289	0.877257	0.966811	0.817099
0.810734	0.821534	0.72837	0.801981	0.509399	0.607811	0.711635	0.933592	0.654437	0.745867
0.63307	0.569274	0.679221	0.854228	0.500491	0.722698	0.623403	0.642102	0.529709	0.428036
0.714005	0.387756	0.634142	0.854228	0.685379	0.855821	0.639109	0.481675	0.764632	0.563361
0.799621	0.709971	0.817953	0.538491	0.691654	0.904241	0.777538	0.772182	0.912657	0.771394
0.751625	0.700242	0.940265	0.592391	0.568647	0.691265	0.64862	0.767028	0.738291	0.967419
0.803755	0.71658	0.817953	0.633059	0.525621	0.691265	0.520481	0.846968	0.504837	0.600753
0.569695	0.506103	0.705837	0.640537	0.757492	0.925229	0.629801	0.726689	0.538071	0.613359
0.755325	0.697047	0.690732	0.652971	0.751407	0.76891	0.452986	0.862646	0.693245	0.670913
0.490196	0.794148	0.850404	0.56145	0.782726	0.491226	0.606497	0.882239	0.61974	0.897052
0.776909	0.680393	0.658059	0.494571	0.567854	0.620061	0.741548	0.797537	0.695445	0.763578
0.738322	0.443798	0.510966	0.458391	0.583991	0.600115	0.609123	0.732566	0.481987	0.538826
0.61031	0.335349	0.699299	0.578276	0.651442	0.559675	0.47887	0.78668	0.45581	0.600753
0.593776	0.522118	0.650261	0.688332	0.775001	0.471874	0.550872	0.869079	0.61605	0.500547
0.597205	0.582112	0.630434	0.612249	0.719941	0.533454	0.617098	1.071866	0.810988	0.730045
0.686725	0.542447	0.621301	0.429611	0.583991	0.529113	0.573729	0.698445	0.674983	0.739713
0.605897	0.513688	0.683372	0.515976	0.525621	0.569833	0.502255	0.456521	0.422214	0.680404
0.452219	0.513688	0.625844	0.423848	0.419653	0.409126	0.493422	0.572152	0.431722	0.91133
0.389221	0.508846	0.674088	0.493897	0.692708	0.350954	0.457917	0.659749	0.452646	0.598099
0.38287	0.564556	0.514485	0.478695	0.667083	0.455165	0.456062	0.580408	0.45581	0.749602
0.556959	0.439672	0.42478	0.32404	0.67512	0.655167	0.586041	0.473779	0.446387	0.517064
0.61031	0.578867	0.727215	0.498632	0.748996	0.628123	0.525521	0.609714	0.443908	0.574078
0.494251	0.683467	0.53622	0.534041	0.581532	0.50667	0.737989	0.732566	0.587611	0.65655
0.453454	0.587026	0.514485	0.465894	0.579087	0.468731	0.565711	0.676061	0.700994	0.493558
0.416162	0.544682	0.51661	0.472247	0.522756	0.483382	0.553954	0.592237	0.663563	0.581655
0.501094	0.527111	0.477909	0.464634	0.579087	0.537838	0.625222	0.547512	0.624396	0.517064
0.427075	0.585382	0.597562	0.567783	0.7502	0.520561	0.62069	0.528611	0.579092	0.543468
0.452836	0.512299	0.719216	0.755349	0.785332	0.51356	0.811155	0.620549	0.708883	0.671957
0.514401	0.610724	0.50678	0.70115	0.497786	0.526244	0.777538	0.495162	0.628158	0.526684
0.521572	0.625769	0.489762	0.474815	0.460353	0.4426	0.603887	0.492431	0.669755	0.451306
0.542305	0.722166	0.607953	0.641481	0.694825	0.588407	0.357137	0.373496	0.546597	0.490105
0.564875	0.735871	0.522329	0.652002	0.618183	0.502588	0.591909	0.521275	0.554496	0.494252
0.564875	0.689682	0.409531	0.629367	0.509399	0.518448	0.657361	0.467949	0.623461	0.585066
0.737133	0.53801	0.389468	0.563025	0.425892	0.59172	0.626134	0.538337	0.734655	0.357726
0.492219	0.554505	0.457604	0.529636	0.463456	0.590889	0.603887	0.401282	0.57825	0.519265
0.535532	0.713263	0.4112	0.744433	0.653367	0.469986	0.532825	0.471827	0.535774	0.448172
0.577027	0.681415	0.54751	0.783247	0.652403	0.598423	0.781438	0.567272	0.710022	0.586781
0.749176	0.690727	0.572622	0.704415	0.490435	0.647537	0.732123	0.616001	0.669755	0.572412
0.568888	0.511606	0.32874	0.566191	0.529229	0.634498	0.586875	0.526397	0.719242	0.445061
0.522296	0.510224	0.352412	0.635848	0.495099	0.579424	0.62069	0.436318	0.611482	0.582505
0.738322	0.672299	0.47726	0.684142	0.603322	0.561998	0.643838	0.50556	0.785832	0.536523
0.757809	0.859929	0.853478	0.926191	0.522756	0.802698	0.884051	0.606162	0.61605	0.416852
0.70179	0.588677	0.676134	0.733785	0.52133	0.677881	0.572921	0.644994	0.671838	0.379032

0.596345	0.595342	0.569403	0.722253	0.475453	0.739895	0.405433	0.497911	0.609668	0.520001
0.504557	0.561439	0.587413	0.80335	0.579087	0.798662	0.544016	0.479027	0.784476	0.630124
0.654136	0.47638	0.441778	0.672823	0.495769	0.599268	0.784057	0.470531	0.837691	0.499843
0.641565	0.504057	0.676134	0.65007	0.447558	0.678896	0.853718	0.632599	0.670795	0.389272
0.778212	0.466908	0.533258	0.712129	0.643828	0.729495	0.64194	0.718594	0.527456	0.415691
0.655118	0.504737	0.446586	0.626619	0.605908	0.852777	0.441496	0.525662	0.661518	0.585066
0.683564	0.687601	0.681291	0.689386	0.662134	0.813646	0.5936	0.568082	0.638673	0.531198
0.538529	0.623971	0.762019	0.580734	0.533599	0.728355	0.785372	0.548285	0.48064	0.32974
0.642519	0.426384	0.483795	0.37567	0.418529	0.657095	0.653454	0.782678	0.464146	0.440741
0.780831	0.409094	0.362254	0.447979	0.510092	0.693361	0.421662	0.602639	0.50769	0.483958
0.750399	0.592831	0.557537	0.674859	0.633572	0.75175	0.471133	0.566464	0.599825	0.616109
0.84285	0.738198	0.701467	0.630287	0.495099	0.684007	0.521915	0.730205	0.726288	0.701147
0.586159	0.493968	0.649296	0.519529	0.457272	0.610407	0.573729	0.725524	0.73345	0.553699
0.621086	0.425247	0.609709	0.472888	0.398231	0.608675	0.518339	0.730205	0.548951	0.524445
0.750399	0.54693	0.459468	0.497274	0.558452	0.53564	0.567303	0.644994	0.462853	0.534233
0.734764	0.611594	0.654143	0.881271	0.58235	0.565115	0.422233	0.54674	0.564983	0.663672
0.743113	0.767139	0.892171	0.708806	0.603322	0.7149	0.521915	0.731384	0.684555	0.677217
0.760308	0.601259	0.748487	0.518104	0.67512	0.805409	0.592753	0.734938	0.54738	0.640697
0.814976	0.569274	0.684415	0.622077	0.707748	0.843772	0.741548	0.758153	0.41291	0.589367
0.757809	0.601259	0.664001	0.644325	0.653367	0.660004	0.519766	0.579575	0.63578	0.695592
0.895969	0.544682	0.624021	0.901428	0.546224	0.509413	0.377255	0.655765	0.775103	0.742164
0.83983	0.616856	0.833875	0.886223	0.761185	0.776477	0.609123	0.845431	0.565801	0.587641
0.764083	0.72442	0.805346	0.612249	0.732486	0.813646	0.565711	0.676061	0.524471	0.753369
0.661059	0.392466	0.555979	0.55676	0.619966	0.559675	0.532089	0.622381	0.517827	0.757169
0.847419	0.55298	0.803967	0.547529	0.641945	0.660004	0.457298	0.441736	0.451387	0.655542
0.987079	0.770896	0.75705	0.795197	0.674107	0.744598	0.595297	0.57297	0.404364	0.658573
0.667082	0.65946	0.799858	0.550584	0.769926	0.949172	0.707211	0.754404	0.54038	0.629175
0.654136	0.592831	0.806728	0.591548	0.772456	0.895787	0.749966	0.711773	0.455175	0.721758
0.608539	0.570065	0.723769	0.605239	0.636345	0.775207	0.850645	0.730205	0.443291	0.646574
0.693118	0.526395	0.786434	0.58238	0.591453	0.561223	0.586041	0.577914	0.445146	0.74463
0.743113	0.623971	0.622206	0.559881	0.487134	0.681955	0.550105	0.784008	0.389393	0.728851
0.543824	0.65946	0.659044	0.504796	0.746599	0.966557	0.831182	0.834821	0.519295	0.569925
0.534042	0.54543	0.611473	0.757812	0.851556	0.738727	0.904362	0.872332	0.603378	0.652532
0.582816	0.493304	0.652198	0.717724	0.77756	0.565115	0.623403	0.597407	0.531218	0.607912
0.570504	0.548434	0.679221	0.534041	0.430485	0.495202	0.635362	0.701739	0.588472	0.654536
0.553833	0.485411	0.542205	0.430192	0.60764	0.726083	0.768574	0.911601	0.535774	0.65655
0.614767	0.686564	0.579134	0.399903	0.6553	0.781596	0.748753	0.645962	0.454542	0.815641
0.427075	0.510915	0.639763	0.503419	0.713248	0.526959	0.773674	0.552173	0.484015	0.613359
0.424755	0.549188	0.838321	0.66878	0.768666	0.517046	0.566506	0.550614	0.737076	0.732442
0.765349	0.63395	0.698218	0.589029	0.701238	0.514255	0.523354	0.753161	0.660499	0.81274
0.641565	0.665339	0.621301	0.373116	0.813681	0.698647	0.639109	0.873967	0.492224	0.588503
0.457802	0.673303	0.395874	0.2779	0.598195	0.651335	0.749966	0.578744	0.493608	0.700031
0.428824	0.499993	0.456366	0.497274	0.734807	0.555831	0.725186	0.568893	0.552904	0.774032
0.498344	0.556804	0.673069	0.616689	0.649526	0.306936	0.546289	0.677101	0.843855	0.83347
0.530337	0.526395	0.657077	0.634916	0.713248	0.438491	0.737989	0.626069	0.595423	0.640697
0.520129	0.754845	0.431733	0.52745	0.713248	0.502588	0.670307	0.536826	0.494996	0.587641
0.528864	0.560663	0.456366	0.494571	0.667083	0.668851	0.718358	0.485677	0.583331	0.742164

0.451603	0.503377	0.531785	0.55289	0.423613	0.637259	0.50432	0.583755	0.502002	0.550525
0.402757	0.513688	0.506086	0.538491	0.490435	0.589233	0.581898	0.514062	0.574895	0.559309
0.539282	0.497976	0.481169	0.519529	0.529229	0.429242	0.565711	0.473127	0.528206	0.494947
0.564875	0.605536	0.345174	0.445565	0.517787	0.383162	0.547812	0.475739	0.492224	0.499843
0.368912	0.428094	0.310248	0.45346	0.373239	0.48533	0.49275	0.489041	0.595423	0.54816
0.374545	0.448562	0.391061	0.519529	0.410185	0.493873	0.436747	0.515495	0.620667	0.481253
0.424177	0.426384	0.434663	0.478046	0.439232	0.418509	0.512677	0.483005	0.494301	0.425065
0.499717	0.406913	0.432903	0.483266	0.438643	0.348098	0.46479	0.433932	0.523727	0.414534
0.403859	0.342325	0.459468	0.579094	0.488451	0.450936	0.437337	0.407395	0.569911	0.403688
0.358854	0.460706	0.421916	0.584861	0.456659	0.501236	0.377255	0.442342	0.452646	0.37532
0.434704	0.557573	0.346612	0.487222	0.435128	0.449735	0.55241	0.490394	0.479968	0.334521
0.534042	0.482164	0.39266	0.554434	0.458502	0.458823	0.56097	0.348846	0.460278	0.355197
0.370441	0.340454	0.232804	0.359576	0.495099	0.619175	0.494769	0.467949	0.598059	0.426845
0.333745	0.360029	0.299347	0.382903	0.359297	0.501911	0.363573	0.432151	0.594548	0.498439
0.369421	0.468159	0.410643	0.37721	0.409635	0.460664	0.327686	0.289514	0.441443	0.558503
0.305148	0.397761	0.323701	0.420427	0.508016	0.500561	0.34502	0.401834	0.387219	0.505508
0.377648	0.341857	0.372834	0.557538	0.472264	0.487286	0.55628	0.50979	0.523727	0.479236
0.336097	0.361497	0.36726	0.538491	0.364225	0.491886	0.406533	0.511921	0.588472	0.415691
0.510155	0.424114	0.448403	0.530367	0.406893	0.416283	0.474984	0.430968	0.397647	0.376907
0.603271	0.51648	0.469545	0.597485	0.431642	0.431536	0.491408	0.50556	0.32376	0.433436
0.498344	0.547681	0.424206	0.606109	0.387643	0.360124	0.375713	0.379228	0.422214	0.334521
0.440064	0.425815	0.335239	0.426144	0.366212	0.504624	0.372137	0.435124	0.556093	0.392557
0.415029	0.447964	0.366757	0.416469	0.431642	0.501236	0.33838	0.408516	0.446387	0.457643
0.613872	0.538746	0.455131	0.534041	0.456046	0.460049	0.417124	0.462197	0.417537	0.409934
0.661059	0.558343	0.376419	0.500677	0.282682	0.44201	0.510572	0.553738	0.366568	0.282054
0.623822	0.4732	0.437613	0.593236	0.314193	0.413516	0.498837	0.491072	0.376506	0.292402
0.545349	0.525679	0.461339	0.528178	0.335464	0.524816	0.479521	0.531581	0.511283	0.398087
0.61031	0.515082	0.504702	0.566987	0.351527	0.554303	0.535781	0.57379	0.592803	0.521478
0.557744	0.471934	0.468272	0.560665	0.38974	0.585939	0.401605	0.556885	0.410614	0.372687
0.67319	0.381554	0.41907	0.469695	0.531409	0.741066	0.382955	0.423935	0.421627	0.379565
0.757809	0.510915	0.589088	0.656869	0.649526	0.58676	0.476923	0.524195	0.436556	0.409363
0.730064	0.645103	0.798497	0.644325	0.495769	0.53564	0.46542	0.563248	0.58163	0.506221
0.81926	0.637636	0.770855	0.544495	0.415172	0.579424	0.528428	0.617815	0.606961	0.505508
0.74191	0.582928	0.742473	0.695763	0.478022	0.885854	0.518339	0.57379	0.391579	0.419183
0.760308	0.435584	0.70474	0.825872	0.782726	0.872955	0.418254	0.549836	0.418701	0.419183
0.621086	0.437915	0.621301	0.739669	0.761185	0.880972	0.477571	0.564853	0.549739	0.559309
0.621996	0.471303	0.523049	0.626619	0.652403	0.660004	0.452986	0.616907	0.727473	0.815641
0.711758	0.466908	0.671037	0.66878	0.556904	0.708325	0.436157	0.598274	0.609668	0.743395
0.665065	0.445578	0.634142	0.876375	0.608509	0.800003	0.637231	0.687642	0.569086	0.713626
0.508047	0.538746	0.7497	0.762781	0.581532	0.710506	0.532089	0.808672	0.77776	0.719419
0.589528	0.661411	0.875628	0.865161	0.771189	0.730638	0.617993	0.777398	0.933135	0.685767
0.540791	0.436748	0.765784	0.693627	0.673096	0.553541	0.629801	0.908042	0.802439	0.845775
0.663057	0.530714	0.569403	0.540733	0.556133	0.529834	0.561756	0.781352	0.606961	0.815641
0.627498	0.606396	0.744869	0.523832	0.806761	0.612147	0.413192	0.764474	0.632906	0.749602
0.585321	0.561439	0.836834	0.502732	0.725598	0.537838	0.437929	0.908042	0.58248	0.674053
0.71288	0.693875	0.652198	0.644325	0.884758	0.545992	0.675391	0.885592	0.61697	0.714778
0.836831	0.764652	0.644504	0.770343	0.667083	0.525529	0.718358	0.857883	0.559305	0.776685

0.595487	0.510915	0.602726	0.599196	0.775001	0.679913	0.788015	0.555308	0.446387	0.585066
0.403308	0.4783	0.701467	0.671809	0.784027	0.650382	0.619789	0.709523	0.58163	0.720587
0.484848	0.582928	0.801223	0.737306	0.798601	0.524816	0.681571	0.734938	0.738291	0.698917
0.492219	0.746442	0.72837	0.776747	0.694825	0.450936	0.613535	0.685513	0.737076	0.830447
0.806533	0.791502	0.690732	0.606109	0.670079	0.420747	0.665282	0.593953	0.545034	0.673004
0.71288	0.574044	0.674088	0.65785	0.918929	0.581856	0.68261	0.528611	0.422802	0.687931
0.460307	0.625769	0.895556	0.711018	0.797255	0.660979	0.689951	0.696262	0.486734	0.724109
0.549956	0.69493	0.750916	0.796545	0.722195	0.663914	0.828264	1.121072	0.768529	0.825952
0.668094	0.825794	0.674088	0.738486	0.649526	0.760245	1.056323	0.98544	1.031075	0.858439
0.687784	0.847749	0.644504	0.60437	0.793244	0.709414	0.884051	0.653787	0.696549	0.62073
0.558531	0.818716	0.731853	0.836105	1.237516	0.817824	0.892399	0.731384	0.56744	0.75211
0.571314	0.782367	0.932795	0.871533	0.95602	0.74224	0.940477	0.954777	0.627214	0.943325
0.775609	0.907185	0.626758	0.663777	0.738311	0.633582	0.925669	0.97705	0.896593	0.831956
0.761563	0.843269	0.475318	0.636782	0.723327	0.710506	0.887371	0.803069	0.876059	0.75211
0.688846	1.009604	0.689672	0.471608	0.577464	0.629028	0.940477	0.8201	0.839224	0.78339
0.670125	1.000973	0.726063	0.584033	0.685379	0.521974	0.757314	0.8201	0.845409	0.856836
0.559319	0.856852	0.836834	0.767808	0.601606	0.64471	1.049009	0.943094	0.727473	0.855239
0.715132	0.631205	0.495135	0.90315	0.625357	0.802698	1.318255	0.75565	0.755673	0.529688
0.551503	0.408548	0.496489	0.622077	0.744215	0.761472	0.877487	0.560851	0.798228	0.730045
0.435889	0.670299	0.681291	0.750464	0.674107	0.637259	0.777538	0.606162	0.657458	0.576589
0.578673	0.887003	0.652198	0.8963	0.687461	0.422433	0.897485	0.719741	0.565801	0.597218
0.486179	0.623971	0.555202	0.90315	0.503212	0.399941	0.718358	0.714035	0.574895	0.610627
0.621996	0.622181	0.592458	0.836105	0.689552	0.632667	0.64479	0.645962	0.91448	0.509086
0.583649	0.674308	0.477909	0.636782	0.743027	0.750549	0.790674	0.530093	0.606961	0.535758
0.680426	0.770896	0.576681	0.706605	0.530681	0.589233	0.764788	0.490394	0.552111	0.655542
0.474994	0.628478	0.663005	0.742044	0.491762	0.468731	0.456062	0.41816	0.583331	0.641671
0.596345	0.482164	0.578315	0.591548	0.470361	0.430961	0.50432	0.530836	0.706614	0.509805
0.545349	0.591164	0.52161	0.485899	0.5799	0.531278	0.47822	0.596541	0.711164	0.556094
0.679385	0.525679	0.417371	0.80335	0.615524	0.646592	0.418254	0.460929	0.529709	0.580807
0.850492	0.618624	0.538455	0.764032	0.52634	0.653247	0.528428	0.539852	0.633862	0.393657
0.638715	0.479584	0.676134	0.53626	0.576655	0.771418	0.789343	0.562447	0.699878	0.474565
0.540036	0.27153	0.626758	0.481955	0.606773	0.676868	0.610002	0.54906	0.738291	0.590232
0.483521	0.429238	0.427085	0.501361	0.555363	0.657095	0.409295	0.560851	0.491534	0.449423
0.494931	0.423548	0.346612	0.555208	0.541726	0.692312	0.490739	0.485007	0.584183	0.535758
0.491544	0.413491	0.53105	0.55676	0.460972	0.653247	0.480826	0.514778	0.702112	0.51853
0.440664	0.542447	0.615021	0.428452	0.481904	0.731785	0.577794	0.521275	0.541152	0.451306
0.493573	0.531438	0.513074	0.449798	0.519201	0.658063	0.460404	0.578744	0.456446	0.408792
0.528129	0.419609	0.529584	0.300573	0.54472	0.47759	0.408188	0.506966	0.44888	0.415691
0.458427	0.337198	0.475318	0.398281	0.414615	0.502588	0.449325	0.489041	0.316326	0.517064
0.460935	0.443798	0.370291	0.483922	0.481254	0.482734	0.499518	0.57626	0.352325	0.311581
0.357365	0.487371	0.377448	0.371083	0.505951	0.538573	0.536524	0.684453	0.481313	0.460204
0.409967	0.377468	0.476611	0.502046	0.536537	0.512173	0.514085	0.516933	0.501297	0.472579
0.337988	0.402582	0.5159	0.622982	0.601606	0.555831	0.386096	0.553738	0.419869	0.481928
0.364861	0.458863	0.525941	0.48261	0.682276	0.557365	0.511273	0.518376	0.365535	0.373738
0.419007	0.51648	0.483137	0.393984	0.60764	0.446153	0.379319	0.523463	0.506975	0.472579
0.564077	0.466908	0.488429	0.457771	0.517787	0.346677	0.50157	0.371431	0.553699	0.578271
0.411648	0.506103	0.351925	0.542986	0.493761	0.364044	0.427402	0.371946	0.543477	0.541915

0.371975	0.461322	0.408423	0.357114	0.420781	0.269737	0.476923	0.427437	0.368122	0.403125
0.466632	0.372916	0.445982	0.424421	0.54472	0.40478	0.382955	0.413027	0.388305	0.468633
0.458427	0.381041	0.41907	0.380824	0.368208	0.385224	0.340267	0.310042	0.497785	0.472579
0.429408	0.42468	0.353386	0.454687	0.364225	0.348098	0.33838	0.271547	0.443291	0.409934
0.623822	0.629386	0.465739	0.568582	0.475453	0.372493	0.538012	0.352283	0.408331	0.357726
1.130983	0.78366	0.663005	0.852689	0.560005	0.512866	0.519766	0.322749	0.325638	0.3785
1.046575	0.962167	1.251665	1.044745	0.865476	0.876144	0.387675	0.458405	0.486734	0.381704
1.004371	1.025473	1.14855	1.436983	0.769926	0.897465	0.615313	0.499984	0.716919	0.462135
1.065398	1.045436	1.360743	2.20349	1.256431	1.068243	1.727762	0.908042	0.909036	0.613359
1.144653	1.126425	0.949787	1.103109	0.771568	0.385784	0.988142	1.352599	1.318377	1.354069
1.631428	1.190869	1.674047	0.474894	0	0	0.686963	1.728608	1.335488	1.326932
1.451136	2.677624	1.322143	0.237447	0	0	1.739457	0	0.667744	1.443056
1.455696	1.453416	2.486145	0.118723	0	0	0	0	0.333872	1.354069
1.457977	1.330066	0.835352	0.818973	0.059362	0	0	2.216652	0.166936	0.250404
2.31611	0.87246	0.802593	2.083753	1.746742	0.029681	1.325629	1.160432	0.663684	0.20867
0.958475	1.005267	1.513751	1.603811	1.660288	1.585793	1.831534	1.490828	1.001549	1.488567
1.006515	1.26276	1.599242	1.608379	1.564006	1.091259	1.60758	1.352599	1.177074	0.842666
1.786436	1.558714	1.011769	1.19462	1.379313	1.682734	1.390206	1.427812	1.264836	0.999546
1.21511	1.109642	1.092035	1.878979	1.286967	1.191741	1.409009	1.589368	1.132191	1.729758
0.937252	1.098803	1.296326	1.81814	1.096516	1.078322	3.497232	0.991842	1.119359	1.221604
1.190811	2.15434	1.599242	1.684768	1.080752	0.720455	1.2595	1.071866	1.106527	1.311016
1.253014	1.221912	0.930948	1.103558	1.092155	0.866646	1.275492	1.490828	1.230671	1.695327
1.260218	1.158987	0.554427	0.785874	2.06834	2.000912	1.894494	1.464515	1.021625	1.126148
1.17425	1.251098	1.073726	1.847495	1.08334	0.902537	2.742311	0.853172	0.97513	2.198364
0.929785	1.558714	1.255541	1.187918	0.81648	0.601813	1.200841	1.189933	1.712813	1.706503
1.050646	1.373158	0.944049	0.636782	0.771189	0.606089	1.479677	1.195387	1.463039	1.695327
1.476452	1.363205	0.624021	0.939122	2.043962	1.303823	1.948536	1.230751	0.960676	1.886233
0.950637	1.643674	0.812304	1.728673	2.580976	1.551081	1.287885	1.034733	1.266115	1.729762
0.59893	0.92118	1.013996	1.551045	1.6702	0.824878	1.190673	1.018434	2.064422	2.561217
0.806533	1.146862	1.066109	1.296967	1.613865	1.43835	1.513549	2.182001	1.019295	2.164575
1.1942	1.714896	1.244016	1.00153	1.080253	0.764675	1.099196	1.33601	1.513773	1.837676
0.935373	1.643674	0.949787	1.158976	0.449096	0.606885	0.994994	1.433718	1.238301	1.191791
0.874261	0.982159	1.574208	0.0074	0.228248	0.890792	1.161523	2.516242	0	1.088948
1.578871	1.295052	0.014801	0.0037	0.008326	1.204657	1.247881	0	0	0.500451
0.059204	0.029602	0.022201	0.009251	0.006013	0.003006	0	0	0	2.91747
0	0.014801	1.365732	1.81814	0	0	0	0	1.362164	0
1.152078	0	0	0	0	0	0	0	0	0
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0	0	0	1.832569	0	0	0	0	0	0
0	0	0	1.989994	0	0	0	0	0	0
1.338102	1.7494	0	0	0	0	1.673595	0	1.295832	0
2.273245	1.607672	0	0	1.958194	0.836797	2.137871	0.647916	0	0.282193
0.286486	0.143243	0.071622	0.035811	0	0.418399	2.237459	0.480857	0.564387	0.791046
0.747967	0.517227	0.720094	1.366343	0	0.209199	0.313799	0.66081	2.119331	1.017705
1.145945	0.922961	1.506752	1.021466	1.173629	1.002406	2.201665	0.904819	0.840762	1.130935
1.167799	1.080462	1.684374	1.439907	1.650598	1.325793	0.831182	1.372793	0.968876	0.920498
2.19844	1.126425	1.424757	1.455056	0.716581	1.156302	1.00974	1.275924	1.177356	0.886644

[illegible]

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0.080356	0.040178	0.020089	0.010044	0.387854	1.366787	0.446723	0.223361	0.111681	0.05584
1.207663	0.877591	0.798137	0.765665	1.218887	1.060707	0.893445	0.979387	1.264499	1.410395
0.579897	0.49383	0.662882	0.404721	0.813397	0.948424	0.835087	0.652084	0.523218	0.850381
0.595137	0.464492	0.495717	0.393492	0.667577	0.795189	0.647885	0.657247	0.594086	0.799256
0.665111	0.513319	0.535655	0.559558	0.684559	0.581985	0.46922	0.588251	0.508441	0.737689
0.638603	0.731112	0.4992	0.578656	0.475558	0.438365	0.605421	0.560785	0.337181	0.646354
1.124382	0.732332	0.677394	0.812497	0.474222	0.554232	0.689343	0.395405	0.560881	0.63677
1.491388	0.972677	0.878992	1.1185	0.634519	0.531999	0.591844	0.553364	0.467566	0.554152
0.94346	0.715547	0.67845	0.719855	0.531905	0.595211	0.783651	0.53183	0.551155	0.520244
0.64147	0.343743	0.666979	0.578656	0.568433	0.696603	0.736421	0.432153	0.495558	0.306047
0.768651	0.535274	0.415497	0.671006	0.468919	0.509378	0.536687	0.502498	0.581872	0.329696
0.64147	0.700521	0.502711	0.621443	0.485025	0.679964	0.599939	0.380325	0.49415	0.342022
0.584918	0.60413	0.490202	0.553107	0.474889	0.517536	0.386288	0.435257	0.672412	0.515199
0.463147	0.382383	0.424235	0.521472	0.470239	0.452313	0.410838	0.461579	0.5331	0.421477
0.53414	0.321824	0.591588	0.503969	0.598441	0.521296	0.44251	0.542065	0.616789	0.380723
0.658081	0.515539	0.427188	0.545176	0.522861	0.591644	0.43999	0.602664	0.603929	0.461361
0.732902	0.586302	0.546436	0.507558	0.420354	0.391118	0.499118	0.45501	0.529273	0.470314
0.697685	0.495953	0.563938	0.629003	0.469579	0.644456	0.478044	0.395405	0.499098	0.340582

0.715505	0.332889	0.506962	0.435962	0.410453	0.651533	0.428216	0.395973	0.35162	0.269557
0.672255	0.399083	0.428969	0.409295	0.454663	0.657692	0.406746	0.556647	0.436935	0.431996
0.602086	0.496663	0.466865	0.509725	0.510362	0.695473	0.31151	0.41339	0.436935	0.603919
0.692263	0.593345	0.420719	0.347768	0.485025	0.64546	0.357821	0.578613	0.507715	0.544848
0.485993	0.479938	0.506962	0.329692	0.459793	0.407076	0.304097	0.499599	0.5308	0.510213
0.44631	0.437631	0.457235	0.269886	0.303778	0.211697	0.391875	0.550105	0.446278	0.557298
0.340919	0.395128	0.537943	0.396272	0.374552	0.371425	0.440619	0.487488	0.494853	0.63867
0.418472	0.454707	0.584721	0.46568	0.489147	0.418845	0.330617	0.570032	0.498388	0.596945
0.43069	0.391767	0.520704	0.44836	0.546622	0.47479	0.309645	0.5381	0.398625	0.571745
0.510817	0.536051	0.431954	0.425694	0.476227	0.429717	0.38297	0.392008	0.421204	0.619123
0.431872	0.441368	0.477378	0.50183	0.557795	0.484394	0.492687	0.256507	0.325584	0.480777
0.470845	0.397949	0.563127	0.484403	0.551375	0.398454	0.449516	0.396543	0.445648	0.430225
0.557996	0.514798	0.594191	0.455333	0.602006	0.458804	0.475991	0.515041	0.444393	0.547927
0.61814	0.732332	0.457235	0.50183	0.558604	0.445917	0.585651	0.477762	0.489953	0.775134
0.328152	0.572549	0.497803	0.537387	0.538041	0.441496	0.597224	0.462242	0.450071	0.579152
0.321218	0.701659	0.525136	0.617712	0.521372	0.323858	0.46654	0.455663	0.508441	0.45758
0.402145	0.565	0.440422	0.44398	0.47289	0.365582	0.565063	0.374328	0.555181	0.460097
0.361054	0.441368	0.404112	0.328259	0.455301	0.39675	0.62421	0.471623	0.529273	0.586688
0.507283	0.403073	0.355778	0.391833	0.409303	0.442755	0.439362	0.401702	0.411217	0.52903
0.43069	0.489616	0.444102	0.506838	0.314263	0.411159	0.319528	0.447898	0.433865	0.389752
0.407706	0.441368	0.436167	0.461771	0.447079	0.38611	0.463878	0.353194	0.517989	0.499026
0.394478	0.40537	0.488152	0.49129	0.443337	0.365055	0.528908	0.318518	0.3842	0.456953
0.524513	0.503105	0.473406	0.504684	0.545835	0.537452	0.480106	0.419355	0.451981	0.402276
0.390694	0.429034	0.497107	0.551509	0.474889	0.490683	0.489156	0.504686	0.532332	0.451351
0.417326	0.493125	0.444719	0.504684	0.376677	0.375725	0.430054	0.377589	0.54558	0.353225
0.551713	0.731112	0.602095	0.603999	0.313341	0.399024	0.515249	0.418155	0.463617	0.365739
0.589998	0.608703	0.571306	0.629003	0.490529	0.39675	0.452739	0.437755	0.595859	0.33251
0.510107	0.458595	0.517775	0.665788	0.499625	0.494926	0.462552	0.398256	0.603025	0.473557
0.513664	0.493125	0.457871	0.55632	0.403598	0.545362	0.601759	0.4723	0.487177	0.484099
0.557205	0.654228	0.42306	0.606708	0.397967	0.551795	0.778142	0.467577	0.401455	0.323201
0.762274	0.511845	0.50554	0.665788	0.514001	0.440868	0.587412	0.427233	0.540076	0.551028
0.607372	0.496663	0.490202	0.502542	0.412763	0.584598	0.489156	0.412798	0.662978	0.653191
0.572473	0.607785	0.504123	0.620508	0.434119	0.545362	0.537472	0.537311	0.660909	0.521696
0.560375	0.690415	0.452813	0.571918	0.493308	0.44465	0.465207	0.430301	0.455182	0.395153
0.577409	0.597806	0.457235	0.613093	0.575953	0.575948	0.667589	0.546871	0.492046	0.43556
0.648233	0.480622	0.510536	0.576117	0.529626	0.532774	0.62421	0.481904	0.696373	0.450733
0.484655	0.357962	0.490202	0.545963	0.380423	0.576805	0.427605	0.505417	0.617722	0.295552
0.681618	0.453419	0.537179	0.640595	0.449592	0.417654	0.427605	0.446617	0.539295	0.441566
0.546289	0.566666	0.488834	0.635728	0.459148	0.309711	0.579545	0.496719	0.523218	0.45321
0.542456	0.376956	0.553511	0.760473	0.678112	0.497778	0.561724	0.467577	0.59232	0.447655
0.681618	0.452776	0.517775	0.613093	0.506035	0.700008	0.488453	0.508356	0.664016	0.321363
0.799257	0.446402	0.540243	0.522216	0.435337	0.548566	0.547816	0.588251	0.600324	0.430815
0.725859	0.578512	0.468166	0.578656	0.485709	0.66394	0.543011	0.570883	0.480996	0.609225
0.59256	0.479255	0.513417	0.492681	0.399649	0.735618	0.548622	0.468249	0.509168	0.476824
0.608259	0.42782	0.534895	0.535077	0.466947	0.56579	0.502732	0.564964	0.705425	0.612798
0.542456	0.436393	0.61743	0.430496	0.538041	0.53981	0.412015	0.464901	0.526235	0.628321
0.631987	0.570018	0.60121	0.327306	0.434119	0.487877	0.539047	0.567491	0.523218	0.494904

0.681618	0.548679	0.500601	0.53431	0.477569	0.535107	0.450159	0.589138	0.557615	0.397332
0.788365	0.542319	0.567197	0.573592	0.566779	0.562456	0.531227	0.592704	0.483732	0.345401
0.559581	0.408259	0.508388	0.472275	0.68891	0.694347	0.400392	0.541269	0.564172	0.443991
0.510107	0.40942	0.535655	0.422127	0.70336	0.539022	0.44441	0.540475	0.45454	0.660137
0.66108	0.51111	0.480047	0.400758	0.592271	0.711557	0.516746	0.623297	0.412963	0.534239
0.605603	0.378577	0.50554	0.432916	0.616568	0.76637	0.499118	0.484687	0.387487	0.505283
0.62547	0.362112	0.531869	0.513362	0.61105	0.611633	0.501283	0.563288	0.525479	0.625541
0.587451	0.405946	0.509819	0.442117	0.611965	0.494926	0.36675	0.559125	0.655779	0.772535
0.462512	0.274609	0.61835	0.478296	0.502462	0.489278	0.390751	0.511314	0.524724	0.708776
0.689042	0.523779	0.583871	0.617712	0.573432	0.550985	0.436237	0.607268	0.506267	0.663148
0.624547	0.540744	0.71942	0.785706	0.670711	0.630639	0.463878	0.554182	0.541642	0.623698
0.551713	0.504549	0.599445	0.624263	0.69552	0.502092	0.434373	0.722094	0.514292	0.467737
0.499608	0.485442	0.345839	0.415664	0.615643	0.462746	0.490565	0.64597	0.54558	0.518075
0.474746	0.481307	0.508388	0.385802	0.500332	0.506449	0.469892	0.527187	0.391908	0.541029
0.548605	0.500947	0.624839	0.440879	0.602006	0.637493	0.488453	0.426622	0.403733	0.460097
0.419046	0.51111	0.652805	0.460476	0.45212	0.503539	0.399247	0.555824	0.525479	0.554936
0.398843	0.558398	0.562317	0.357351	0.459793	0.412333	0.475991	0.616625	0.510626	0.567683
0.478024	0.79963	0.520704	0.40987	0.56104	0.447826	0.518248	0.528729	0.621476	0.688022
0.557996	0.600505	0.588141	0.538934	0.602902	0.574238	0.589179	0.419355	0.487177	0.579152
0.519417	0.514798	0.586428	0.517767	0.751102	0.460114	0.46922	0.39427	0.500523	0.678526
0.519417	0.531408	0.633327	0.494076	0.726575	0.532774	0.557587	0.638943	0.49415	0.68909
0.5379	0.621772	0.620194	0.531255	0.648237	0.450384	0.434373	0.559954	0.541642	0.509505
0.61814	0.589809	0.611956	0.403585	0.538814	0.423644	0.480795	0.380874	0.492746	0.562859
0.579897	0.602314	0.61105	0.43231	0.735003	0.513809	0.609115	0.405175	0.396936	0.465176
0.487335	0.683806	0.688065	0.538934	0.748586	0.469396	0.485653	0.547678	0.523218	0.784356
0.508693	0.659364	0.660848	0.575274	0.668619	0.531999	0.637863	0.755936	0.669244	0.793778
0.645322	0.669823	0.484081	0.629003	0.571759	0.464067	0.598127	0.665636	0.671353	0.627392
0.516531	0.584559	0.500601	0.417417	0.443958	0.423644	0.700643	0.40055	0.523971	0.532744
0.499608	0.72747	0.466217	0.481678	0.627819	0.519788	0.552674	0.368413	0.494853	0.544081
0.541693	0.664562	0.50554	0.512632	0.623095	0.560799	0.573523	0.488896	0.614001	0.646354
0.544752	0.590691	0.559094	0.751534	0.644273	0.506449	0.621339	0.534171	0.534641	0.60568
0.675354	0.806825	0.550352	0.536616	0.551375	0.575948	0.530453	0.460258	0.612153	0.539511
0.66108	0.698255	0.487471	0.382007	0.477569	0.624849	0.565901	0.416959	0.586195	0.57338
0.523781	0.700521	0.362873	0.582922	0.567605	0.414099	0.527369	0.47845	0.601223	0.455078
0.496851	0.622721	0.439202	0.716344	0.60022	0.43217	0.547011	0.439639	0.566657	0.507389
0.498917	0.552702	0.490202	0.724581	0.508193	0.68544	0.613776	0.397113	0.652731	0.578323
0.755989	0.657302	0.60655	0.662686	0.440859	0.668156	0.704091	0.409851	0.582733	0.474208
0.638603	0.636225	0.539475	0.709406	0.525104	0.683241	0.729026	0.467577	0.613076	0.601291
0.620874	0.479255	0.428374	0.63476	0.571759	0.615368	0.692702	0.451763	0.739917	0.488793
0.64629	0.579371	0.541783	0.403018	0.353848	0.597005	0.516746	0.475706	0.548757	0.398426
0.628251	0.473828	0.619271	0.363514	0.484342	0.694347	0.664418	0.620425	0.64272	0.431405
0.632926	0.465814	0.572132	0.53278	0.516199	0.658727	0.567584	0.580349	0.494853	0.351256
0.696595	0.770646	0.742063	0.661657	0.434727	0.648486	0.530453	0.594498	0.59144	0.460729
0.792418	0.743476	0.665951	0.629003	0.461733	0.704591	0.626135	0.544462	0.769364	0.552587
0.545519	0.493125	0.660848	0.461771	0.504602	0.727044	0.652984	0.634978	0.680973	0.647324
0.680568	0.404795	0.457871	0.467648	0.544265	0.661847	0.528138	0.660374	0.436935	0.622779
0.781694	0.550284	0.68591	0.717511	0.625923	0.571686	0.437485	0.47639	0.466906	0.517354

0.795141	0.581093	0.704581	0.679489	0.448963	0.573386	0.516746	0.680718	0.784186	0.56206
0.596864	0.473155	0.624839	0.442117	0.627819	0.683241	0.434994	0.503955	0.544	0.499716
0.480664	0.396818	0.556693	0.552307	0.790701	0.805237	0.507842	0.541269	0.39302	0.495588
0.561171	0.49383	0.683765	0.609433	0.694411	0.630639	0.664418	0.590027	0.515767	0.523153
0.793777	0.603221	0.717104	0.59158	0.491916	0.535107	0.53512	0.552547	0.470885	0.678526
0.858235	0.602314	0.591588	0.519986	0.651234	0.733151	0.545407	0.748184	0.491347	0.671282
0.611826	0.709706	0.688065	0.470948	0.577642	0.616307	0.540629	0.666696	0.43021	0.585845
0.480664	0.511845	0.647853	0.644529	0.571759	0.523567	0.604503	0.436504	0.343097	0.520244
0.547832	0.41175	0.686987	0.580357	0.731371	0.508644	0.558411	0.415766	0.441893	0.51952
0.517971	0.569177	0.646869	0.305949	0.586188	0.538236	0.592736	0.673112	0.527751	0.56206
0.47671	0.581093	0.50625	0.337904	0.544265	0.532774	0.618488	0.676355	0.450071	0.759766
0.433057	0.639174	0.421303	0.440879	0.567605	0.662892	0.740167	0.606343	0.604836	0.705432
0.486664	0.536051	0.464276	0.649497	0.738665	0.755876	0.850977	0.496002	0.544	0.821883
0.550156	0.633296	0.526623	0.53278	0.474222	0.447826	0.590066	0.567491	0.631003	0.756008
0.536392	0.70509	0.749466	0.652505	0.644273	0.560799	0.681605	0.574301	0.542426	0.715542
0.387477	0.606868	0.645888	0.679489	0.803321	0.646466	0.607264	0.619472	0.522467	0.579983
0.360552	0.551895	0.41723	0.544391	0.589653	0.623892	0.794882	0.582093	0.621476	0.635823
0.335199	0.532179	0.464922	0.658585	0.475558	0.448464	0.698359	0.546871	0.567489	0.575021
0.466338	0.792551	0.56475	0.597745	0.45722	0.397885	0.626135	0.546871	0.615858	0.515917
0.626395	0.591574	0.485433	0.450251	0.546622	0.448464	0.539047	0.504686	0.564999	0.505283
0.725859	0.568339	0.437985	0.572754	0.627819	0.531999	0.569272	0.485386	0.542426	0.749815
0.638603	0.596017	0.41492	0.539709	0.558604	0.639471	0.816758	0.509094	0.492046	0.565264
0.487335	0.806825	0.484756	0.645518	0.435947	0.449103	0.635886	0.419956	0.623365	0.430815
0.496851	0.844709	0.493641	0.512632	0.531144	0.40476	0.692702	0.47027	0.699746	0.513055
0.676392	0.833764	0.648839	0.723394	0.551375	0.530454	0.741422	0.5188	0.605743	0.678526
0.77643	0.577655	0.664926	0.871612	0.580188	0.69887	0.625171	0.536524	0.462963	0.783027
0.598598	0.509643	0.541012	0.680561	0.327854	0.512327	0.537472	0.554182	0.679893	0.676444
0.702072	0.643138	0.41492	0.622381	0.399649	0.450384	0.742682	0.739312	0.971496	0.488119
0.814694	0.766659	0.362362	0.620508	0.578489	0.639471	0.762023	0.444067	0.732552	0.491498
0.709857	0.633296	0.553511	0.637668	0.565132	0.741848	0.68601	0.418754	0.793888	0.607449
0.54706	0.520014	0.571306	0.774902	0.601112	0.745629	0.544607	0.480519	0.758893	0.637719
0.445698	0.518518	0.513417	0.809598	0.620286	0.638481	0.499118	0.432772	0.737448	0.558879
0.593417	0.638189	0.354774	0.526712	0.440859	0.60609	0.620387	0.509833	0.616789	0.378625
0.668158	0.570018	0.321945	0.650497	0.610137	0.605173	0.758086	0.469595	0.553566	0.39461
0.737661	0.507453	0.442258	0.687049	0.570925	0.674557	0.508577	0.397684	0.599427	0.451351
0.54938	0.492421	0.509819	0.53431	0.516934	0.782603	0.589179	0.568336	0.715839	0.632994
0.64629	0.625579	0.490888	0.549917	0.372436	0.538236	0.721754	0.634978	0.842797	0.450733
0.645322	0.687098	0.489518	0.6031	0.422125	0.524327	0.561724	0.512801	0.535413	0.355203
0.615423	0.523779	0.504123	0.695855	0.659329	0.721022	0.521267	0.38752	0.594972	0.469024
0.693342	0.436393	0.522914	0.638642	0.639369	0.728259	0.502007	0.419355	0.702009	0.579983
0.565174	0.531408	0.586428	0.541264	0.435337	0.559972	0.561724	0.509094	0.552761	0.524615
0.615423	0.675148	0.726444	0.525208	0.352839	0.51085	0.639849	0.64597	0.485796	0.509505
0.62179	0.698255	0.562317	0.599523	0.465638	0.745629	0.654012	0.524118	0.587065	0.436754
0.683726	0.565	0.495717	0.586364	0.62687	0.709222	0.670783	0.429071	0.758893	0.556509
0.596864	0.574244	0.56638	0.680561	0.62687	0.718636	0.528138	0.532609	0.728916	0.579983
0.498227	0.546283	0.602095	0.571083	0.464985	0.587227	0.44251	0.590917	0.458407	0.484767
0.624547	0.58369	0.574621	0.640595	0.504602	0.762405	0.51079	0.599925	0.511356	0.38548

0.640512	0.551895	0.631426	0.787076	0.485709	0.666043	0.583898	0.496719	0.522467	0.419173
0.73172	0.453419	0.530364	0.673111	0.523607	0.624849	0.541421	0.406339	0.626213	0.561263
0.511527	0.422996	0.517775	0.503255	0.429883	0.647475	0.428216	0.52565	0.669244	0.541029
0.656094	0.548679	0.671115	0.644529	0.496104	0.521296	0.492687	0.553364	0.550354	0.405047
0.771229	0.646134	0.556693	0.619574	0.735003	0.739345	0.501283	0.550105	0.587936	0.376537
0.913753	0.593345	0.644909	0.636697	0.487081	0.517536	0.465873	0.44534	0.778737	0.549475
0.64147	0.551895	0.681631	0.610345	0.242937	0.522809	0.311978	0.419355	0.755031	0.671282
0.566786	0.461206	0.559898	0.608522	0.424497	0.554232	0.431283	0.512057	0.626213	0.520244
0.728194	0.639174	0.482059	0.560371	0.521372	0.68765	0.665472	0.696344	0.542426	0.527553
0.800638	0.687098	0.452185	0.662686	0.494703	0.7677	0.618488	0.602664	0.445648	0.607449
0.721227	0.374804	0.4999	0.682713	0.694411	0.668156	0.508577	0.488896	0.873676	0.658141
0.513664	0.395128	0.56475	0.506838	0.657291	0.64546	0.441248	0.543661	0.835023	0.529771
0.595137	0.597806	0.554304	0.50183	0.56349	0.537452	0.547011	0.537311	0.728916	0.557298
0.570027	0.688201	0.576288	0.635728	0.528869	0.633563	0.465873	0.514293	0.534641	0.422054
0.444478	0.546283	0.555895	0.833352	0.595786	0.746897	0.588295	0.418754	0.44127	0.395153
0.630115	0.403646	0.412622	0.658585	0.555376	0.774411	0.580412	0.665636	0.622419	0.414035
0.562768	0.472482	0.319164	0.56446	0.445828	0.415281	0.387399	0.531053	0.693027	0.513055
0.603841	0.639174	0.565564	0.540486	0.450223	0.388885	0.456638	0.64597	0.685317	0.501101
0.587451	0.49383	0.503416	0.576962	0.450223	0.654602	0.565063	0.493145	0.469554	0.377058
0.563569	0.420009	0.506962	0.58464	0.438396	0.659765	0.547816	0.488191	0.464273	0.415741
0.657086	0.477212	0.461703	0.512632	0.560227	0.608853	0.310577	0.582093	0.589684	0.455078
0.464421	0.441368	0.504123	0.511176	0.561855	0.619136	0.387956	0.521071	0.730125	0.73175
0.561171	0.696001	0.712508	0.659607	0.646251	0.621983	0.396965	0.547678	0.424185	0.394067
0.7535	0.594234	0.60655	0.824291	0.598441	0.701149	0.462552	0.580349	0.377701	0.31999
0.611826	0.386222	0.549566	0.661657	0.640345	0.644456	0.452739	0.530277	0.5331	0.505984
0.470199	0.470471	0.623906	0.528221	0.494703	0.534328	0.371016	0.584721	0.546372	0.499026
0.496164	0.478573	0.693501	0.515559	0.454663	0.470066	0.441248	0.557471	0.38914	0.530512
0.626395	0.523024	0.555099	0.440879	0.395178	0.545362	0.422748	0.626188	0.45454	0.537244
0.595137	0.464492	0.697899	0.490596	0.59933	0.522052	0.221511	0.451763	0.57167	0.497647
0.309902	0.333864	0.726444	0.702577	0.730167	0.515296	0.350603	0.47639	0.639761	0.554152
0.425412	0.40422	0.768545	0.692532	0.730167	0.504265	0.494108	0.555002	0.664016	0.715542
0.522322	0.41645	0.650817	0.495475	0.468919	0.538236	0.590066	0.686235	0.520222	0.611008
0.662084	0.47114	0.563938	0.312799	0.405302	0.522052	0.376952	0.691822	0.420017	0.499026
0.699873	0.632323	0.735989	0.326356	0.496806	0.494216	0.407328	0.551731	0.343594	0.625541
0.525246	0.58369	0.727625	0.478971	0.622157	0.399024	0.545407	0.529502	0.447538	0.632056
0.623626	0.63427	0.622046	0.369766	0.521372	0.478196	0.595424	0.556647	0.603929	0.594358
0.686908	0.543109	0.486791	0.400195	0.443337	0.400737	0.544607	0.488191	0.42779	0.520244
0.599467	0.508182	0.572132	0.440261	0.699983	0.45425	0.404425	0.477076	0.514292	0.701014
0.472142	0.581957	0.595935	0.484403	0.624979	0.511588	0.580412	0.487488	0.481678	0.674372
0.576582	0.596017	0.540243	0.509001	0.550579	0.473435	0.640846	0.546067	0.402024	0.634878
0.602963	0.624624	0.530364	0.528978	0.595786	0.584598	0.544607	0.559125	0.613076	0.541029
0.677432	0.633296	0.575454	0.533544	0.816319	0.686543	0.606342	0.38752	0.451343	0.503885
0.507283	0.608703	0.743288	0.589835	0.945067	0.535887	0.595424	0.512801	0.504824	0.611902
0.461877	0.769313	0.631426	0.593333	0.662404	0.528146	0.800609	0.753337	0.483732	0.611008
0.644355	0.72868	0.555895	0.621443	0.509638	0.568307	0.785039	0.637949	0.618658	0.515199
0.637652	0.656275	0.428969	0.436573	0.56349	0.628701	0.626135	0.405757	0.594086	0.491498
0.617232	0.621772	0.657814	0.493378	0.567605	0.471411	0.473949	0.407507	0.462309	0.492177

0.543985	0.597806	0.829894	0.618642	0.634519	0.418845	0.579545	0.549295	0.700876	0.768665
0.620874	0.553511	0.488834	0.595092	0.704492	0.526615	0.562557	0.512057	0.68314	0.71782
0.671228	0.671945	0.542555	0.643542	0.576797	0.642455	0.515249	0.496002	0.698619	0.440961
0.562768	0.685998	0.558292	0.587229	0.489147	0.653576	0.589179	0.522592	0.573354	0.515917
0.568403	0.72868	0.442872	0.68814	0.59933	0.556683	0.614714	0.527187	0.684227	0.5487
0.622707	0.77467	0.654802	0.777578	0.552172	0.449103	0.631959	0.567491	0.57083	0.619123
0.541693	0.696001	0.635236	0.735405	0.531905	0.499211	0.558411	0.455663	0.621476	0.541029
0.494111	0.639174	0.40243	0.574432	0.643288	0.617248	0.406164	0.482598	0.587936	0.381249
0.493428	0.531408	0.399641	0.617712	0.536499	0.529684	0.480795	0.418754	0.485796	0.362703
0.463147	0.674078	0.611956	0.542825	0.432298	0.581117	0.498399	0.45241	0.704283	0.576669
0.492747	0.638189	0.480047	0.650497	0.570093	0.701149	0.630983	0.562452	0.756315	0.501796
0.534889	0.526054	0.57379	0.673111	0.640345	0.673483	0.636874	0.702063	0.590561	0.521696
0.570027	0.638189	0.422473	0.578656	0.714813	0.786758	0.44251	0.623297	0.441893	0.517354
0.651164	0.676221	0.447193	0.513362	0.459793	0.609777	0.426995	0.506884	0.64371	0.601291
0.687973	0.651175	0.61105	0.623321	0.430486	0.636507	0.456638	0.553364	0.71234	0.572561
0.704282	0.742223	0.639079	0.590706	0.476227	0.617248	0.646873	0.665636	0.559245	0.505283
0.672255	0.510376	0.47209	0.472275	0.423903	0.704591	0.565901	0.68402	0.556802	0.635823
0.565174	0.491016	0.565564	0.542825	0.491222	0.738099	0.475991	0.451763	0.500523	0.796508
0.629182	0.624624	0.668009	0.595975	0.510362	0.705744	0.616597	0.636956	0.513556	0.539511
0.681618	0.496663	0.753215	0.59158	0.41859	0.666043	0.540629	0.670962	0.584461	0.467095
0.72238	0.428427	0.689147	0.487833	0.456579	0.651533	0.689343	0.670962	0.483046	0.550251
0.614521	0.452135	0.605655	0.474273	0.560227	0.636507	0.61284	0.623297	0.478276	0.585002
0.525246	0.453419	0.628591	0.531255	0.531905	0.498494	0.407328	0.560785	0.583596	0.624618
0.859817	0.623672	0.709093	0.562002	0.635484	0.626771	0.573523	0.792641	0.523971	0.613696
0.84425	0.865797	0.697899	0.509725	0.602902	0.770372	0.643849	0.695209	0.472219	0.609225
0.637652	0.644134	0.548782	0.50041	0.545835	0.566627	0.699499	0.57516	0.388588	0.779062
0.687973	0.542319	0.676341	0.572754	0.778438	0.525851	0.609115	0.667759	0.564172	0.735304
0.781694	0.67301	0.798137	0.522962	0.594905	0.42667	0.554305	0.755936	0.633903	0.678526
0.693342	0.748521	0.56638	0.403018	0.682399	0.502092	0.581281	0.64597	0.496264	0.671282
0.59256	0.734784	0.521439	0.412178	0.590524	0.692103	0.701789	0.568336	0.380397	0.693388
0.536392	0.602314	0.516317	0.516293	0.715975	0.613497	0.707566	0.554182	0.638779	0.686956
0.606486	0.569177	0.773778	0.641575	0.67176	0.46473	0.629037	0.540475	0.684227	0.759766
0.746118	0.683806	0.81517	0.620508	0.749842	0.487877	0.732708	0.677442	0.697495	0.547927
0.712107	0.947887	0.68591	0.542825	0.879316	0.628701	0.732708	0.524883	0.474229	0.52903
0.470199	0.770646	0.638115	0.681636	0.872589	0.762405	0.738914	0.416959	0.505545	0.666181
0.388547	0.749792	0.653802	0.729358	0.605601	0.683241	0.696088	0.503226	0.600324	0.5742
0.540932	0.740974	0.792604	0.830311	0.658309	0.634542	0.778142	0.532609	0.727711	0.54179
0.526716	0.58893	0.727625	0.909916	0.806176	0.654602	0.881129	0.689578	0.793888	0.634878
0.704282	0.669823	0.512695	0.78845	0.67176	0.723421	0.73025	0.598108	0.836567	0.906569
0.511527	0.616123	0.631426	0.709406	0.6038	0.679964	0.610043	0.453709	0.988712	0.947229
0.557996	0.749792	0.682697	0.750271	0.576797	0.597905	0.523545	0.51579	0.758893	0.640578
0.692263	0.81562	0.511974	0.735405	0.644273	0.610704	0.704091	0.560785	0.959018	0.777749
0.879267	0.812669	0.574621	0.89913	0.807611	0.744365	0.862455	0.567491	0.81544	0.668214
0.746118	0.681625	0.695694	0.739075	0.781133	0.884685	0.645862	0.555824	0.838116	0.681669
0.730542	0.990027	0.859322	0.741538	0.587052	0.814038	0.394695	0.50615	0.768041	0.59008
0.951215	1.120697	0.821	0.754069	0.501751	0.639471	0.560065	0.675271	0.703144	0.523883
0.992217	0.903997	0.710228	0.777578	0.596669	0.781227	0.583898	0.601749	0.69081	0.576669

1.101668	0.600505	0.755733	0.920977	0.939191	0.913519	0.865791	0.656209	0.954937	0.729397
0.676392	0.635246	0.743288	0.677353	0.646251	0.820006	0.486351	0.568336	0.835023	0.835149
0.771229	0.710868	0.756997	0.766972	0.602902	0.531999	0.436237	0.644959	0.614001	0.564461
0.891028	0.765338	0.792604	0.996218	0.71714	0.851143	0.828891	1.090617	0.724115	0.556509
0.917357	0.707392	0.796747	1.095577	0.797667	0.944404	0.842959	0.759865	0.765408	0.579983
0.829221	0.620825	0.777744	0.9918	0.835808	0.826057	0.51079	0.586483	0.825875	0.576669
0.718929	0.603221	0.787142	0.742775	0.724197	0.779855	0.565063	0.565805	0.80669	0.761026
0.894447	0.661436	0.917543	0.573592	0.524355	0.564954	0.551048	0.771868	0.781453	0.807603
0.741265	0.490315	0.823944	0.744015	0.497509	0.85276	0.58653	0.717297	0.632934	0.688022
0.494111	0.397383	0.68591	0.680561	0.625923	0.7677	0.610973	0.875194	0.803813	0.676444
0.488682	0.490315	0.4992	0.470286	0.706764	0.648486	0.617541	0.801236	0.885629	0.799256
0.751025	0.690415	0.910275	0.708261	0.884431	0.748168	0.518248	0.498877	0.566657	0.864561
0.9265	0.568339	0.762092	0.627101	0.732578	0.65563	0.599033	0.787003	0.629081	0.67231
0.620874	0.424197	0.462988	0.483038	0.838886	0.602433	0.503458	0.848578	0.645699	0.567683
0.615423	0.681625	0.620194	0.676288	0.967318	0.575948	0.571818	0.865021	0.632934	0.694469
0.548605	0.752345	0.592454	0.52596	0.813397	0.542973	0.719357	0.692948	0.718188	0.829203
0.762274	0.764021	0.610146	0.508279	0.678112	0.576805	0.743945	0.769171	0.69081	0.69016
0.560375	0.526815	0.636193	0.434741	0.728966	0.712729	0.701789	0.774581	0.567489	0.527553
0.568403	0.60413	0.936266	0.645518	0.631635	0.508644	0.479417	0.758551	0.679893	0.820434
0.544752	0.784207	0.852959	0.629003	0.743597	0.443385	0.652984	0.90172	0.776039	0.748587
0.554058	0.761399	0.534137	0.683793	0.801901	0.648486	0.642846	0.738059	0.639761	0.706544
0.671228	0.509643	0.490202	0.454057	0.779783	0.741848	0.806412	0.738059	0.634874	0.640578
0.550934	0.635246	0.409767	0.452785	0.657291	0.601524	0.75548	0.731849	0.564999	0.496273
0.612723	0.649152	0.422473	0.622381	0.739893	0.600616	0.762023	0.64597	0.59764	0.795141
0.543985	0.565832	0.534895	0.630914	0.662404	0.582854	0.713422	0.640939	0.583596	0.809011
0.570841	0.661436	0.559898	0.58464	0.471562	0.605173	0.75289	0.613797	0.725311	0.585002
0.576582	0.619881	0.466217	0.435962	0.520629	0.433402	0.665472	0.535738	0.631003	0.534239
0.525246	0.658332	0.482059	0.427488	0.631635	0.554232	0.577816	0.573444	0.520222	0.601291
0.512238	0.851089	0.745749	0.466335	0.6655	0.587227	0.838219	0.738059	0.789704	0.746142
0.588298	0.757495	0.586428	0.828798	0.742359	0.602433	0.762023	0.717297	0.747408	0.60568
0.533392	0.613326	0.474066	0.596859	0.733789	0.723421	0.792047	0.572589	0.70657	0.487447
0.444478	0.517026	0.559898	0.674168	0.737441	0.740595	0.76733	0.584721	0.49981	0.512343
0.45185	0.736015	0.785787	0.571083	0.608317	0.54218	0.659184	0.460918	0.515029	0.681669
0.540172	0.677296	0.68591	0.625207	0.389106	0.515296	0.663366	0.488896	0.490649	0.64442
0.705391	0.647138	0.50625	0.657566	0.457862	0.530454	0.663366	0.614737	0.579299	0.511632
0.594277	0.515539	0.528864	0.766972	0.687818	0.734383	0.664418	0.460918	0.613076	0.429636
0.574112	0.628457	0.41492	0.606708	0.624036	0.617248	0.567584	0.429071	0.450071	0.400622
0.488008	0.65219	0.510536	0.571918	0.525855	0.445283	0.564226	0.627156	0.751203	0.602165
0.487335	0.566666	0.466217	0.629003	0.395735	0.519036	0.694956	0.634978	0.812504	0.701014
0.606486	0.462518	0.464922	0.561186	0.461085	0.535887	0.48986	0.397684	0.777386	0.562859
0.571656	0.561686	0.352772	0.482358	0.516199	0.808151	0.547011	0.430301	0.444393	0.465176
0.462512	0.611471	0.433754	0.610345	0.480942	0.646466	0.712244	0.511314	0.59144	0.510922
0.586605	0.650162	0.528864	0.710555	0.622157	0.568307	0.625171	0.485386	0.845946	0.517354
0.795141	0.743476	0.683765	0.705978	0.656276	0.540598	0.528908	0.313783	0.670297	0.439153
0.638603	0.570018	0.569658	0.605803	0.514001	0.556683	0.467878	0.47027	0.448803	0.386011
0.547832	0.543109	0.484756	0.554711	0.473555	0.528914	0.506376	0.533389	0.377163	0.417453
0.643391	0.486828	0.534137	0.548331	0.504602	0.759782	0.526602	0.420557	0.646696	0.611902

0.77774	0.769313	0.762092	0.573592	0.491916	0.660805	0.633918	0.548485	0.677743	0.536491
0.762274	0.571703	0.640045	0.440879	0.4709	0.474112	0.447594	0.698623	0.496971	0.427289
0.675354	0.462518	0.464922	0.4311	0.464985	0.697735	0.354712	0.553364	0.590561	0.467095
0.716643	0.640162	0.589	0.55632	0.568433	0.690985	0.346025	0.511314	0.435705	0.501101
0.692263	0.690415	0.721749	0.590706	0.520629	0.654602	0.457945	0.638943	0.512088	0.426704
0.690113	0.539958	0.587284	0.425098	0.610137	0.704591	0.569272	0.588251	0.44127	0.472906
0.563569	0.569177	0.387035	0.423313	0.485025	0.542973	0.487751	0.777311	0.476248	0.615497
0.4754	0.560039	0.483406	0.509001	0.574271	0.575092	0.436237	0.633993	0.526993	0.584162
0.638603	0.508912	0.56638	0.56282	0.507473	0.553418	0.437485	0.632028	0.46493	0.63677
0.707618	0.610546	0.623906	0.455973	0.470239	0.717448	0.533558	0.622337	0.587936	0.57338
0.63481	0.531408	0.705704	0.439644	0.412184	0.50137	0.630009	0.739312	0.573354	0.752282
0.484655	0.324205	0.611956	0.55632	0.587917	0.536669	0.523545	0.679623	0.4089	0.677484
0.488682	0.420009	0.658823	0.640595	0.614721	0.631612	0.451447	0.546067	0.377163	0.57338
0.730542	0.657302	0.67845	0.696968	0.544265	0.679964	0.454035	0.775943	0.440027	0.626466
0.787023	0.731112	0.91208	0.632833	0.565955	0.770372	0.53278	0.676355	0.574198	0.49696
0.556416	0.573396	0.558292	0.423313	0.654252	0.68544	0.634901	0.698623	0.564172	0.558088
0.48199	0.330459	0.455335	0.535077	0.698863	0.442125	0.48287	0.687346	0.59764	0.693388
0.645322	0.356931	0.569658	0.554711	0.709049	0.519788	0.499118	0.612858	0.682055	0.752282
0.695508	0.440119	0.655804	0.47294	0.627819	0.627735	0.443776	0.546067	0.458407	0.703217
0.54706	0.479938	0.664926	0.446478	0.59933	0.641458	0.532003	0.667759	0.461656	0.759766
0.520141	0.551895	0.550352	0.597745	0.739893	0.658727	0.860797	0.709028	0.547961	0.567683
0.665111	0.495244	0.682697	0.627101	0.711345	0.417654	0.67616	0.50615	0.68641	0.668214
0.629182	0.599604	0.86578	0.56446	0.570925	0.389442	0.553489	0.682916	0.634874	0.703217
0.589147	0.618938	0.616513	0.529735	0.753632	0.353613	0.517496	0.717297	0.517989	0.569303
0.619961	0.651175	0.498501	0.514093	0.707905	0.516788	0.610973	0.661421	0.536187	0.833655
0.45809	0.501665	0.421303	0.445227	0.683478	0.535107	0.603586	0.660374	0.588809	0.645386
0.538656	0.482681	0.4999	0.526712	0.702232	0.483701	0.428828	0.445978	0.617722	0.665168
0.54322	0.517771	0.638115	0.589835	0.639369	0.545362	0.584773	0.57948	0.540858	0.766104
0.640512	0.498799	0.737197	0.586364	0.933393	0.999809	0.674002	0.603581	0.484419	0.757257
0.839686	0.79963	0.511255	0.369766	0.828209	0.857647	0.768667	0.457626	0.504104	0.752282
0.595137	0.546283	0.571306	0.493378	0.779783	0.506449	0.78923	0.559125	0.496264	0.787027
0.521594	0.594234	0.735989	0.575274	0.683478	0.544564	0.634901	0.654142	0.636822	0.602165
0.540932	0.681625	0.798137	0.389081	0.783846	0.76637	0.684904	0.548485	0.547961	0.518075
0.662084	0.820086	0.605655	0.470286	0.779783	0.598807	0.666529	0.68402	0.500523	0.577495
0.500994	0.715547	0.565564	0.580357	0.738665	0.507911	0.649918	0.550918	0.661942	0.784356
0.607372	0.572549	0.595062	0.614013	0.61105	0.472084	0.603586	0.419355	0.633903	0.67231
0.670202	0.659364	0.872336	0.574432	0.582749	0.489278	0.555943	0.546871	0.580155	0.625541
0.663091	0.761399	0.658823	0.506119	0.787946	0.48648	0.585651	0.720889	0.512088	0.623698
0.596	0.761399	0.570481	0.48372	0.685642	0.449743	0.565901	0.522592	0.542426	0.761026
0.488008	0.543901	0.713652	0.705978	0.620286	0.494926	0.800609	0.481211	0.680973	0.749815
0.522322	0.597806	0.828399	0.692532	0.614721	0.587227	0.780888	0.758551	0.798114	0.623698
0.408827	0.617998	0.70796	0.576117	0.547411	0.365582	0.597224	0.568336	0.877057	0.57338
0.49071	0.726263	0.541012	0.525208	0.796265	0.499211	0.628067	0.686235	0.773356	0.809011
0.531155	0.703943	0.373213	0.52596	1.05946	1.082147	0.940521	0.771868	0.609394	0.752282
0.52598	0.58369	0.428969	0.56446	0.766511	0.736857	0.862455	0.566647	0.760189	0.624618
0.54322	0.532179	0.553511	0.635728	0.491916	0.499211	0.714602	0.703216	0.975736	0.747363
0.484655	0.58893	0.541012	0.469625	0.663433	0.452313	0.78923	0.76783	0.825875	0.613696

0.409951	0.626536	0.645888	0.645518	0.758738	0.540598	0.639849	0.564964	0.730125	0.732931
0.593417	0.753627	0.67845	0.648499	0.792086	0.575092	0.559237	0.447257	0.598533	0.640578
0.496851	0.625579	0.594191	0.660631	0.598441	0.538236	0.456638	0.590917	0.651719	0.558879
0.43843	0.654228	0.470778	0.428689	0.550579	0.45425	0.443776	0.480519	0.76279	0.500408
0.540172	0.608703	0.51559	0.63476	0.583606	0.581117	0.69158	0.518046	0.644704	0.567683
0.541693	0.580231	0.384343	0.627101	0.539589	0.601524	0.727805	0.509094	0.619595	0.617306
0.423666	0.512581	0.474726	0.643542	0.364594	0.531226	0.623251	0.574301	0.687506	0.637719
0.339482	0.486828	0.509819	0.588964	0.467604	0.51085	0.580412	0.571735	0.657824	0.531999
0.343808	0.499514	0.459783	0.611259	0.459793	0.523567	0.655041	0.52565	0.607565	0.359187
0.52893	0.464492	0.437985	0.649497	0.402466	0.499211	0.558411	0.485386	0.720549	0.476824
0.536392	0.40768	0.385418	0.514825	0.533431	0.579387	0.51153	0.426622	0.576741	0.520244
0.534889	0.508912	0.456601	0.611259	0.555376	0.621032	0.457945	0.506884	0.450071	0.476168
0.555629	0.528341	0.395765	0.435962	0.440242	0.568307	0.590954	0.62138	0.566657	0.456953
0.465059	0.396254	0.450307	0.442737	0.272503	0.476149	0.642846	0.532609	0.541642	0.394067
0.628251	0.364202	0.525879	0.592455	0.454663	0.534328	0.42517	0.547678	0.600324	0.381775
0.431872	0.274609	0.32241	0.507558	0.579338	0.555864	0.338501	0.443431	0.676671	0.450115
0.414475	0.356931	0.400197	0.358372	0.459148	0.368228	0.312915	0.456971	0.509896	0.516635
0.523781	0.507453	0.516317	0.571918	0.432904	0.563287	0.406746	0.551731	0.480996	0.492857
0.594277	0.337297	0.511255	0.620508	0.381499	0.468726	0.521267	0.530277	0.544	0.515917
0.537145	0.389541	0.383806	0.529735	0.368236	0.403031	0.399819	0.395405	0.500523	0.448269
0.372772	0.340756	0.39853	0.362481	0.43717	0.485784	0.363577	0.34705	0.460353	0.469024
0.338527	0.381837	0.343879	0.333055	0.315186	0.469396	0.389072	0.43588	0.36813	0.49082
0.477366	0.467804	0.477378	0.474941	0.425092	0.542973	0.434994	0.521831	0.38584	0.289118
0.416754	0.329975	0.354774	0.494076	0.468261	0.546961	0.421542	0.397113	0.272256	0.278604
0.36611	0.39965	0.297095	0.342808	0.482979	0.503539	0.352653	0.329609	0.376091	0.30649
0.498227	0.441368	0.41205	0.326356	0.371909	0.340966	0.347545	0.473659	0.406022	0.436157
0.502383	0.526054	0.47605	0.425098	0.401901	0.472759	0.317155	0.578613	0.356712	0.340103
0.502383	0.419414	0.46947	0.434741	0.290035	0.466058	0.375325	0.563288	0.315219	0.1798
0.461244	0.314756	0.403551	0.459185	0.3842	0.453603	0.367281	0.513547	0.297878	0.288693
0.492747	0.295112	0.497803	0.407002	0.48162	0.344973	0.307325	0.25199	0.440027	0.470961
0.601212	0.432698	0.541783	0.40872	0.388558	0.476149	0.422748	0.360999	0.312897	0.365232
0.644355	0.481307	0.527369	0.477623	0.406441	0.633563	0.428216	0.444703	0.261428	0.30649
0.538656	0.488917	0.474726	0.450883	0.420354	0.528146	0.395261	0.480519	0.281204	0.476824
0.457462	0.361071	0.455967	0.425098	0.477569	0.420638	0.403846	0.493858	0.382566	0.392444
0.596864	0.312891	0.420135	0.180173	0.374552	0.382255	0.265443	0.426622	0.346086	0.462629
0.682671	0.429034	0.485433	0.329214	0.419177	0.437119	0.319052	0.446617	0.309668	0.428461
0.653129	0.471811	0.686987	0.549123	0.444581	0.513809	0.329641	0.358904	0.299222	0.308711
0.604721	0.471811	0.658823	0.53431	0.533431	0.589872	0.414377	0.542065	0.231625	0.368797
0.800638	0.688201	0.776418	0.504684	0.559414	0.588107	0.465873	0.557471	0.473558	0.470314
1.037497	1.026955	0.821	0.607614	0.588784	0.46077	0.285659	0.566647	0.487177	0.524615
0.859817	0.721468	0.71595	0.732976	0.562672	0.763723	0.448875	0.550105	0.527751	0.49082
0.59085	0.477212	0.659834	0.744015	0.694411	0.782603	0.476674	0.654142	0.422394	0.487447
0.702072	0.692641	0.957838	0.671006	0.792086	0.693224	0.603586	0.770517	0.394694	0.595218
0.699873	0.795369	0.828399	0.560371	0.582749	0.575092	0.618488	0.865021	0.574198	0.761026
0.623626	0.575946	0.740842	0.56282	0.605601	0.694347	0.704091	0.646983	0.535413	0.611902
0.616327	0.541531	0.889171	0.72577	0.774426	0.614431	0.589179	0.606343	0.507715	0.52903
0.464421	0.565832	0.733583	0.593333	0.724197	0.434638	0.503458	0.837428	0.845946	0.965025

0.630115	0.651175	0.748223	0.58464	0.752365	0.474112	0.577816	0.750753	0.81544	0.987816
0.806206	0.792551	0.581328	0.488522	0.697745	0.676712	0.61284	0.676355	0.46493	0.620034
0.670202	0.641151	0.777744	0.557128	0.813397	0.671345	0.849361	0.680718	0.511356	0.579152
0.589147	0.611471	0.835925	0.828798	0.799074	0.711557	0.515997	0.856722	0.733771	0.862962
0.472142	0.51111	0.527369	0.661657	0.641324	0.380613	0.581281	0.829635	0.668193	0.848833
0.565174	0.721468	0.555099	0.572754	0.624979	0.450384	0.764669	0.858369	0.74867	0.853492
0.709857	0.808279	0.625774	0.512632	0.705627	0.553418	0.682702	0.725726	0.551155	0.661138
0.572473	0.67301	0.83441	0.606708	0.840433	0.579387	0.483564	0.508356	0.390799	0.536491
0.58073	0.584559	0.673198	0.546751	0.666537	0.484394	0.517496	0.711374	0.530036	0.711019
0.530412	0.690415	0.732385	0.669957	0.751102	0.459458	0.57267	0.680718	0.614001	0.766104
0.603841	0.789752	0.477378	0.616785	0.726575	0.763723	0.705246	0.524883	0.677743	0.709896
0.654115	0.716725	0.578801	0.47561	0.835808	0.712729	0.785039	0.5188	0.672412	0.63677
0.594277	0.723859	0.963912	0.678419	0.832752	0.674557	0.484955	0.507619	0.507715	0.761026
0.540172	0.651175	0.926804	0.7996	0.726575	0.472759	0.587412	0.724512	0.563347	0.933874
0.78302	0.983439	0.695694	0.755342	0.782487	0.535107	0.849361	0.887372	0.768041	0.727057
0.689042	0.960105	0.592454	0.718681	0.696631	0.757174	0.818256	0.624258	0.671353	0.646354
0.636702	0.751067	0.532624	0.690331	0.882719	0.594317	0.802052	0.560785	0.578445	0.754762
0.608259	1.012737	0.98694	0.886876	1.083192	0.636507	0.740167	0.534954	0.703144	0.906569
0.574934	0.827632	0.860928	0.836415	0.933393	0.504992	0.881129	0.826557	0.719367	0.682721
0.550156	0.88102	0.457871	0.538934	0.543482	0.481629	0.842959	0.620425	0.593202	0.665168
0.52893	0.764021	0.650817	0.478971	0.496806	0.446553	0.794882	0.418155	0.667145	0.619123
0.417899	0.663517	0.710228	0.614935	0.710195	0.616307	0.824301	0.589138	0.536187	0.627392
0.635755	0.81562	0.689147	0.860101	0.801901	0.694347	0.850977	0.720889	0.672412	0.955048
0.670202	0.839984	0.589861	0.793989	0.485025	0.539022	0.881129	0.687346	0.770691	0.816115
0.595137	0.79963	0.522914	0.625207	0.656276	0.49993	0.616597	0.650037	0.69414	0.630184
0.570027	0.713201	0.577124	0.557128	0.753632	0.556683	0.740167	0.516541	0.510626	0.467095
0.523051	0.805377	0.541012	0.520728	0.832752	0.584598	0.726588	0.501046	0.346586	0.600418
0.610039	0.651175	0.461062	0.589835	0.612881	0.50572	0.6489	0.723301	0.555991	0.769951
0.668158	0.50023	0.437985	0.747758	0.508193	0.45425	0.657107	0.696344	0.698619	0.759766
0.575757	0.538391	0.442872	0.611259	0.424497	0.396184	0.683801	0.498877	0.668193	0.544081
0.512951	0.432698	0.424235	0.551509	0.635484	0.539022	0.46654	0.421763	0.503385	0.541029
0.563569	0.48822	0.42778	0.522962	0.663433	0.510113	0.540629	0.480519	0.517247	0.725892
0.52893	0.628457	0.569658	0.711706	0.430486	0.56579	0.786431	0.582093	0.575044	0.590932
0.54938	0.457944	0.540243	0.588964	0.321239	0.495637	0.626135	0.57516	0.751203	0.480777
0.59085	0.581957	0.388117	0.465026	0.424497	0.697735	0.603586	0.465569	0.517247	0.447043
0.589998	0.707392	0.519237	0.58121	0.476898	0.713904	0.665472	0.488191	0.676671	0.529771
0.562768	0.607785	0.528864	0.546751	0.514732	0.649499	0.92298	0.585601	0.684227	0.674372
0.498227	0.376417	0.537179	0.56282	0.474889	0.647475	0.631959	0.445978	0.616789	0.515199
0.397201	0.344243	0.484081	0.53431	0.3842	0.586349	0.430054	0.527957	0.59232	0.447655
0.44387	0.355902	0.450307	0.549123	0.374022	0.572535	0.41974	0.398256	0.505545	0.595218
0.569214	0.402501	0.497803	0.608522	0.399087	0.581985	0.447594	0.369482	0.724115	0.624618
0.556416	0.481307	0.637153	0.539709	0.513271	0.642455	0.565901	0.569183	0.719367	0.628321
0.395021	0.420605	0.518505	0.428088	0.484342	0.587227	0.548622	0.702063	0.42299	0.546384
0.384815	0.369471	0.471434	0.370817	0.497509	0.679964	0.430668	0.489601	0.390799	0.416311
0.448149	0.458595	0.50625	0.425098	0.513271	0.582854	0.436237	0.473659	0.466246	0.56206
0.569214	0.573396	0.532624	0.455973	0.438396	0.477513	0.28964	0.510573	0.594086	0.555722
0.486664	0.541531	0.395215	0.40872	0.434119	0.532774	0.333065	0.488191	0.435705	0.470961

0.360552	0.474503	0.33325	0.312799	0.508915	0.386664	0.428216	0.481904	0.397499	0.463264
0.386944	0.541531	0.371647	0.357351	0.529626	0.338977	0.28654	0.420557	0.327974	0.471608
0.283468	0.438252	0.400197	0.334504	0.436558	0.308784	0.400966	0.516541	0.271835	0.458837
0.395565	0.423597	0.31778	0.343302	0.480942	0.332572	0.350091	0.430918	0.34809	0.470314
0.321218	0.421799	0.362873	0.36455	0.340412	0.34851	0.43811	0.371629	0.243302	0.462629
0.285575	0.542319	0.377948	0.313259	0.275024	0.375725	0.413785	0.351137	0.248461	0.489468
0.397201	0.523024	0.431954	0.37878	0.323119	0.315785	0.318577	0.395973	0.44817	0.518797
0.629182	0.502384	0.555099	0.612175	0.470239	0.462086	0.451447	0.469595	0.379856	0.517354
0.655103	0.561686	0.468817	0.55632	0.558604	0.579387	0.47873	0.323787	0.424784	0.562859
0.743685	1.005798	0.590724	0.679489	0.403032	0.436497	0.499118	0.311434	0.411798	0.455078
2.183625	1.572955	0.976321	0.796786	0.685642	0.66499	0.722958	0.481211	0.575044	0.410079
1.508005	1.975835	1.352772	1.933478	2.937715	1.68907	1.236883	0.885611	0.744897	0.640578
2.45247	0.728554	0.390361	1.54685	1.740927	1.502294	1.145007	1.00176	1.192165	1.107007
0.104335	0.052167	0.091293	1.047518	1.885874	1.656949	2.264334	1.708513	1.252246	1.032591
0.156502	0.130419	0.548187	3.509435	1.092021	0.819016	1.237982	1.245114	1.24868	1.511319
1.028724	2.045359	0.965956	1.136523	0.54601	0	0.54601	1.784992	1.246897	1.177642
1.214783	1.372919	1.21311	2.406773	1.066959	0.273005	0.409508	1.445059	0.708763	1.21227
0.941542	1.213946	1.235387	1.638252	0.997394	1.399754	0.341257	0.170628	0.648639	1.427617
1.573292	1.224667	0.887458	1.055608	1.429185	0.678877	0.835775	0.588516	0.820655	1.393829
1.589998	1.11987	1.246969	0.948224	0.979672	1.302935	1.769686	0.992672	1.148813	0.984734
0.955145	1.015074	1.00899	1.011121	0.995396	1.004324	1.226951	1.150966	1.810227	1.066774
0.692263	0.966346	1.930564	2.154048	1.013251	0.888187	1.521085	1.720361	1.318893	1.196865
1.399941	1.114695	1.382579	1.816295	1.604556	0.86259	1.432369	1.506561	1.440922	1.018668
1.263045	1.18887	1.576288	1.16178	1.383168	1.407768	1.420068	1.426219	1.37206	1.334335
1.519417	1.176449	0.993438	1.043062	1.807381	2.792474	1.413918	1.438734	1.296609	1.790471
1.164029	1.170239	1.173344	2.094462	1.286922	0.792361	2.308419	1.221158	1.2648	1.25748
1.573292	1.747862	1.171792	1.619201	1.500928	0.981997	1.028397	1.232991	1.742948	1.26114
2.042295	0.861063	0.948082	0.976681	1.389018	1.259504	1.244825	1.438734	1.115234	1.284275
0.819001	0.919483	0.903125	0.895594	2.937715	2.198957	2.753355	1.135075	0.982176	1.240273
0.93584	1.145296	1.338049	1.152136	1.493772	1.388484	2.550529	0.981573	1.57882	1.777172
1.14528	0.970556	1.245093	1.370607	2.277663	1.59906	2.12254	1.48355	2.176461	1.368274
1.792418	1.934988	1.845134	0.913572	1.075136	0.537568	0.268784	1.435915	1.388279	1.358272
1.000903	1.11182	1.459783	0.893836	0	0	0.403176	1.653688	1.228731	2.963333
1.176994	0.500451	0.250226	0	0	0	1.707287	1.150966	1.221167	0
0	0	0	0	0	1.37211	1.623021	0.575483	0	0
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0	0	0	0	0	0	2.640208	1.713186	1.3774	0.6887
0	0	0	0	0	0	1.536498	2.316694	2.249997	2.678694
0	0	0	0	1.90343	0	0	0.946605	1.673964	1.154272
0	0	0	0	0	0	0.356711	2.193655	1.312799	1.034956
1.112877	1.532549	0	0	0	1.917789	0.713422	1.471325	1.605235	0.517478
1.24449	0.943889	0	0	0.498185	0.818201	0.92298	1.358675	1.286103	0.826659
0.867467	0.899831	0.918936	0.99637	1.183339	2.164417	1.034957	1.213532	1.135841	1.952217
0.932194	0.938041	2.593322	1.073803	1.253575	1.146934	1.128731	1.058149	1.10859	1.032591
1.607372	0.943889	1.576288	0.920977	1.378193	1.110528	0.96088	1.414315	1.08134	0.853492
1.037497	0.918765	0.885751	1.392164	1.218887	1.180378	0.778142	0.8667	0.803813	0.838153

[illegible]

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180	181	182	183	184	185	186	187	188	189
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0.02792	0	0	0	0	0	0	0	0	0
1.4492	3.060797	0.441768	0.220884	0	0	0	0	0	0
0.967058	0.883535	1.308329	1.330363	1.504849	0.305575	0.152788	0.076394	0.038197	0.019098
0.896207	0.696514	0.943735	0.60028	0.611151	1.364112	0.786868	1.073764	1.093798	1.154521
0.698181	0.508186	0.812515	0.644345	0.687253	1.080074	0.733196	1.098607	0.860643	1.274717
0.54896	0.565385	0.730958	0.64033	0.948466	0.964302	0.806342	1.766025	1.282299	0.981019
0.454408	0.483551	0.65921	0.617942	0.904249	0.84848	0.789597	0.929079	1.113227	0.978824
0.56104	0.760181	0.435621	0.510119	0.656226	0.563138	0.958036	0.975718	1.372607	1.245435
0.594118	0.608791	0.476379	0.516832	0.569471	0.58683	0.972393	0.929079	0.80575	0.925332
0.49244	0.57626	0.434387	0.683348	0.607444	0.546973	0.723684	0.631796	0.780704	0.750767
0.461492	0.541281	0.443095	0.528257	0.625342	0.713104	0.584083	0.513669	0.494947	0.650595
0.240762	0.41239	0.400634	0.473923	0.387667	0.744448	0.675848	0.611896	0.576347	0.609423
0.460196	0.51549	0.505844	0.499157	0.564426	0.517084	0.488075	0.520369	0.649789	0.319457
0.37734	0.552363	0.477738	0.628506	0.636051	0.54936	0.533432	0.525652	0.55332	0.406835
0.546584	0.670493	0.542955	0.580688	0.374516	0.435613	0.566535	0.39823	0.510633	0.430957
0.578538	0.453802	0.490862	0.616994	0.342277	0.532922	0.555218	0.487161	0.481164	0.520891
0.536435	0.346247	0.268951	0.418386	0.506602	0.427102	0.374965	0.487856	0.361034	0.340589
0.427771	0.294579	0.18818	0.429308	0.493628	0.601871	0.377078	0.584092	0.444745	0.451918

0.572627	0.44872	0.360917	0.47597	0.421799	0.453792	0.410067	0.399364	0.456121	0.523185
0.568453	0.479465	0.42888	0.415995	0.435867	0.491907	0.508367	0.485081	0.570475	0.497866
0.601226	0.438114	0.57409	0.421996	0.285954	0.582503	0.498452	0.7268	0.479809	0.679285
0.730728	0.480143	0.60947	0.585064	0.537685	0.500376	0.421058	0.775263	0.636007	0.726833
0.792913	0.578808	0.713047	0.53999	0.544018	0.590322	0.499153	0.572942	0.627373	0.776096
0.66582	0.473407	0.57409	0.352876	0.485886	0.602772	0.526655	0.562897	0.550128	0.54119
0.428974	0.52668	0.552548	0.33968	0.46745	0.691549	0.536478	0.460868	0.256799	0.416923
0.413003	0.422379	0.48598	0.372913	0.461474	0.396874	0.466732	0.552272	0.225575	0.262447
0.329277	0.41239	0.439965	0.356498	0.46946	0.324142	0.26644	0.441047	0.473098	0.560809
0.277423	0.488368	0.515385	0.295513	0.470805	0.480866	0.3661	0.608206	0.434877	0.444818
0.32832	0.465458	0.352167	0.332737	0.563591	0.488426	0.449505	0.592868	0.314721	0.362803
0.436878	0.470741	0.376263	0.463161	0.58672	0.548563	0.481965	0.452446	0.436711	0.598343
0.476691	0.480143	0.366148	0.480786	0.490092	0.419937	0.530407	0.410871	0.449765	0.609423
0.520525	0.538943	0.46765	0.418985	0.57801	0.537556	0.418721	0.48095	0.416958	0.592007
0.479389	0.690963	0.477058	0.386619	0.687253	0.416986	0.26685	0.5419	0.366209	0.471893
0.374673	0.590905	0.430098	0.367017	0.460157	0.184425	0.443912	0.3536	0.378351	0.497866
0.356451	0.577957	0.502951	0.507169	0.405266	0.221045	0.581533	0.356677	0.41813	0.566703
0.415917	0.556391	0.405793	0.442408	0.462134	0.382514	0.441449	0.32829	0.388644	0.671663
0.39203	0.430781	0.435621	0.417787	0.506602	0.381429	0.398233	0.39823	0.388644	0.534843
0.442436	0.470741	0.382775	0.4154	0.466114	0.451876	0.453906	0.393163	0.343886	0.505161
0.42717	0.441207	0.421047	0.485656	0.438361	0.371782	0.582381	0.320645	0.331695	0.508114
0.402673	0.577108	0.425248	0.53999	0.409926	0.313817	0.466082	0.362375	0.489381	0.471212
0.404378	0.547579	0.463679	0.467837	0.526819	0.464158	0.501967	0.295792	0.449765	0.355967
0.388722	0.410073	0.284804	0.381085	0.606522	0.548563	0.538777	0.355649	0.396946	0.525492
0.384351	0.391967	0.350133	0.410665	0.539259	0.4836	0.458352	0.339522	0.486625	0.624651
0.390373	0.345749	0.311807	0.471207	0.478966	0.394075	0.35238	0.371331	0.445995	0.546822
0.433821	0.545207	0.422243	0.400196	0.390458	0.370195	0.499855	0.465471	0.586603	0.416923
0.475348	0.637083	0.567347	0.441775	0.40759	0.381971	0.51778	0.473478	0.463875	0.411553
0.514614	0.422379	0.455199	0.572067	0.538471	0.447437	0.502674	0.356162	0.425825	0.588428
0.407234	0.473407	0.513165	0.668175	0.436489	0.514132	0.393809	0.45891	0.659909	0.684813
0.583669	0.630315	0.49936	0.552048	0.421198	0.33667	0.479948	0.449887	0.589205	0.491404
0.599438	0.62365	0.408685	0.408316	0.439613	0.396313	0.632762	0.462178	0.424037	0.389021
0.604824	0.468091	0.401775	0.349284	0.627269	0.559857	0.682215	0.588457	0.558152	0.61697
0.47068	0.389205	0.492971	0.56782	0.596508	0.715436	0.602371	0.446076	0.584016	0.566703
0.56104	0.547579	0.477058	0.643337	0.434006	0.446177	0.506223	0.298484	0.515745	0.379553
0.549755	0.768013	0.564015	0.699071	0.585841	0.431337	0.622393	0.433612	0.520918	0.407422
0.453769	0.532768	0.372509	0.533693	0.544816	0.515606	0.710937	0.5419	0.598881	0.430957
0.581096	0.416475	0.369317	0.562777	0.46412	0.487734	0.599711	0.412039	0.589205	0.444818
0.476691	0.46284	0.339116	0.553682	0.430922	0.642418	0.506937	0.436694	0.492852	0.472575
0.647501	0.74869	0.515385	0.511602	0.402955	0.439932	0.497753	0.410871	0.449134	0.399275
0.482104	0.520676	0.436239	0.56782	0.498627	0.470099	0.529654	0.487856	0.511359	0.490692
0.519781	0.40036	0.433772	0.674613	0.502959	0.573977	0.509084	0.527174	0.665058	0.639429
0.602123	0.445573	0.373578	0.550421	0.434006	0.564788	0.428742	0.384298	0.68847	0.520891
0.59677	0.535073	0.470317	0.634378	0.380494	0.4836	0.509084	0.419706	0.537588	0.434068
0.809957	0.546787	0.475701	0.561942	0.278968	0.467449	0.552831	0.504893	0.630232	0.51408
0.756845	0.58309	0.513904	0.623672	0.341776	0.499664	0.568999	0.419706	0.503433	0.368136
0.576841	0.457652	0.587898	0.602106	0.372362	0.588572	0.483992	0.413209	0.532214	0.4291

0.450591	0.428967	0.477738	0.425637	0.530668	0.550959	0.40722	0.448613	0.498463	0.367064
0.66582	0.532768	0.448786	0.39392	0.43277	0.484286	0.381869	0.468124	0.467146	0.275254
0.598547	0.562092	0.49936	0.545575	0.513237	0.641431	0.459631	0.420301	0.345868	0.339583
0.503743	0.360443	0.461707	0.71066	0.570317	0.608219	0.448256	0.43055	0.479133	0.398124
0.578538	0.455081	0.461707	0.481479	0.541632	0.740714	0.329012	0.402212	0.494947	0.35078
0.667904	0.389756	0.558244	0.474604	0.447842	0.482915	0.353382	0.357192	0.437937	0.49859
0.73926	0.446829	0.548525	0.525181	0.462795	0.576517	0.473951	0.601825	0.469121	0.324766
0.555361	0.382105	0.59497	0.478716	0.502234	0.592079	0.502674	0.515149	0.536817	0.453874
0.573466	0.368244	0.612243	0.531355	0.503685	0.54936	0.396569	0.473478	0.625477	0.466476
0.603922	0.430175	0.615969	0.413618	0.555328	0.541455	0.471312	0.618428	0.563859	0.437832
0.617658	0.466773	0.625425	0.440512	0.417606	0.472766	0.295721	0.562071	0.473098	0.431577
0.484836	0.430175	0.49509	0.4154	0.513237	0.691549	0.377078	0.542689	0.479809	0.439726
0.57515	0.532768	0.584405	0.449431	0.524526	0.72729	0.498452	0.565387	0.504863	0.385656
0.531066	0.571207	0.713047	0.622712	0.61489	0.529099	0.443912	0.54586	0.483203	0.401587
0.51388	0.574569	0.580077	0.494848	0.553694	0.445549	0.417557	0.527174	0.337992	0.442264
0.594118	0.545207	0.510956	0.455915	0.447204	0.514868	0.442063	0.650621	0.375683	0.467824
0.536435	0.511823	0.698101	0.485656	0.485189	0.512663	0.397678	0.570409	0.444745	0.439726
0.498762	0.58223	0.635092	0.439253	0.557791	0.415812	0.420472	0.671361	0.435488	0.487855
0.493837	0.58309	0.57409	0.556143	0.625342	0.439932	0.467383	0.443555	0.423443	0.612238
0.623276	0.71828	0.564015	0.533693	0.585841	0.601871	0.522195	0.400501	0.357448	0.634447
0.581952	0.498872	0.508758	0.396192	0.587601	0.529099	0.594439	0.514408	0.203547	0.476689
0.435653	0.553166	0.678221	0.455262	0.504412	0.534461	0.556016	0.623155	0.31937	0.566703
0.417088	0.470741	0.59408	0.507169	0.570317	0.450603	0.597067	0.734101	0.461923	0.528587
0.368339	0.511823	0.560708	0.597556	0.555328	0.41464	0.568999	0.562071	0.444122	0.609423
0.537207	0.608791	0.45134	0.489168	0.605602	0.5446	0.630858	0.464811	0.513547	0.537212
0.516821	0.487676	0.433158	0.465159	0.786498	0.608219	0.645343	0.541113	0.390843	0.561646
0.537207	0.758889	0.565678	0.461173	0.608367	0.500376	0.620534	0.492757	0.297496	0.555821
0.484152	0.634169	0.476379	0.493421	0.451049	0.398562	0.584937	0.45696	0.441018	0.561646
0.462142	0.535845	0.411013	0.556143	0.445929	0.405953	0.48264	0.49065	0.546959	0.534056
0.480744	0.520676	0.464338	0.45461	0.534552	0.533691	0.626135	0.453731	0.544597	0.456497
0.402107	0.626494	0.633142	0.500602	0.730357	0.529099	0.655275	0.564555	0.524651	0.606626
0.439957	0.638058	0.524382	0.564451	0.635067	0.4836	0.774796	0.55878	0.500586	0.657853
0.539532	0.52668	0.430098	0.601192	0.436489	0.406527	0.602371	0.446076	0.40598	0.465803
0.602123	0.702137	0.428273	0.544773	0.505141	0.506115	0.533432	0.350037	0.511359	0.451918
0.459549	0.620825	0.542165	0.616994	0.607444	0.562315	0.496357	0.429941	0.410569	0.520891
0.497349	0.632238	0.537455	0.53999	0.625342	0.519312	0.553625	0.496291	0.673426	0.538005
0.684946	0.579661	0.568184	0.522126	0.415229	0.612811	0.841901	0.438555	0.585739	0.489271
0.780554	0.456365	0.474349	0.586827	0.430922	0.689341	0.733196	0.45891	0.522407	0.321862
0.639601	0.58309	0.451981	0.526716	0.595609	0.733341	0.560032	0.485773	0.413462	0.386775
0.625165	0.562913	0.555794	0.619844	0.516219	0.568941	0.560032	0.441047	0.50558	0.44997
0.642547	0.661123	0.559885	0.603021	0.43277	0.621201	0.566535	0.49065	0.698424	0.784412
0.501601	0.486297	0.535897	0.562777	0.429082	0.667858	0.545747	0.497001	0.691763	0.588428
0.671049	0.525171	0.469649	0.507905	0.408756	0.602772	0.395463	0.414383	0.543813	0.478761
0.574307	0.480143	0.397229	0.551234	0.429082	0.606396	0.475276	0.392603	0.458047	0.468499
0.711832	0.606061	0.419855	0.446224	0.365964	0.580784	0.530407	0.512194	0.64879	0.449322
0.885733	0.743679	0.518364	0.451366	0.510275	0.688242	0.514136	0.527174	0.599772	0.426024
0.706092	0.538943	0.59408	0.522888	0.466781	0.630717	0.441449	0.531001	0.520918	0.546013

0.539532	0.415304	0.48737	0.551234	0.488686	0.698241	0.429936	0.431772	0.353891	0.467824
0.635705	0.57037	0.573242	0.783369	0.557791	0.542239	0.360458	0.518871	0.427021	0.492117
0.817261	0.741195	0.615035	0.65146	0.468119	0.523801	0.478608	0.745289	0.68847	0.615071
0.626113	0.561273	0.678221	0.397332	0.424213	0.68062	0.564085	0.690914	0.586603	0.492117
0.564319	0.647936	0.625425	0.417787	0.411099	0.600972	0.614091	0.62506	0.468462	0.547632
0.543436	0.546787	0.648998	0.429923	0.483799	0.476123	0.47329	0.481636	0.465835	0.623684
0.652513	0.527436	0.615969	0.490581	0.605602	0.61652	0.457714	0.704456	0.621711	0.662056
0.619523	0.577108	0.657148	0.612287	0.65314	0.716607	0.554421	0.751632	0.602454	0.594711
0.408382	0.520676	0.618784	0.429308	0.736524	0.703897	0.747866	0.688697	0.54854	0.699522
0.534126	0.560456	0.52514	0.453959	0.689477	0.55176	0.663388	0.647594	0.54854	0.625621
0.613031	0.565385	0.715393	0.497716	0.54722	0.541455	0.512686	0.599118	0.473098	0.6663
0.815791	0.747432	0.758639	0.338681	0.420597	0.576517	0.595313	0.904777	0.558152	0.638428
0.747964	0.760181	0.603976	0.561109	0.721867	0.693768	0.690852	0.885226	0.444122	0.609423
0.666861	0.825689	0.526661	0.68556	0.759481	0.687145	0.803506	0.737799	0.573821	0.852443
0.57515	0.622707	0.517617	0.483562	0.751693	0.380346	0.496357	0.49065	0.632149	0.833234
0.347869	0.489754	0.464338	0.449431	0.592923	0.31289	0.426956	0.494167	0.475101	0.690411
0.428372	0.637083	0.579217	0.436745	0.601942	0.567275	0.636594	0.669242	0.46649	0.535631
0.390924	0.70327	0.464999	0.565291	0.595609	0.482915	0.747866	0.687593	0.601558	0.621755
0.370967	0.550763	0.466985	0.675695	0.597409	0.501089	0.781461	0.552272	0.574661	0.673827
0.360035	0.62365	0.605799	0.638337	0.57543	0.543025	0.666469	0.404504	0.506299	0.598343
0.552149	0.663188	0.567347	0.612287	0.635067	0.400823	0.682215	0.466133	0.599772	0.546013
0.588862	0.609705	0.440589	0.657653	0.724276	0.406527	0.645343	0.589336	0.571309	0.609423
0.560224	0.674723	0.500076	0.783369	0.881114	0.553367	0.728414	0.509259	0.611518	0.70415
0.515348	0.630315	0.633142	0.874157	0.536116	0.622143	0.746625	0.479582	0.699544	0.694943
0.574307	0.792397	0.596757	0.673533	0.388224	0.351588	0.730799	0.5596	0.802895	0.61697
0.648499	0.771983	0.559063	0.779223	0.730357	0.599178	0.837294	0.670301	0.671319	0.578735
0.725926	0.557201	0.403492	0.585064	0.725485	0.687145	0.615922	0.50417	0.667135	0.563325
0.509507	0.468752	0.363524	0.530578	0.465448	0.5912	0.620534	0.542689	0.650791	0.762581
0.529545	0.649939	0.510222	0.692263	0.483799	0.588572	0.586649	0.492757	0.686289	0.509597
0.741729	0.770656	0.491564	0.700216	0.470805	0.661615	0.806342	0.512194	0.660934	0.542792
0.641563	0.739958	0.45134	0.738551	0.627269	0.60458	0.799286	0.519619	0.530691	0.550889
0.719998	0.599756	0.569864	0.532133	0.49791	0.693768	0.541088	0.424492	0.600664	0.583995
0.519781	0.503146	0.592305	0.749972	0.500066	0.761012	0.521456	0.338534	0.683037	0.615071
0.564319	0.721819	0.53902	0.703669	0.577148	0.693768	0.58923	0.37939	0.610603	0.502228
0.538756	0.687666	0.583536	0.704827	0.414636	0.571452	0.724862	0.528701	0.580591	0.383983
0.768538	0.607879	0.57494	0.818043	0.393831	0.455075	0.626135	0.385946	0.612435	0.362273
0.651506	0.465458	0.592305	0.690017	0.445293	0.567275	0.452644	0.515149	0.699544	0.434068
0.641563	0.516227	0.623518	0.621754	0.379947	0.630717	0.514136	0.535639	0.517954	0.497143
0.838392	0.543632	0.565678	0.609486	0.373976	0.546181	0.608642	0.537976	0.381036	0.428483
0.755565	0.511093	0.416887	0.672457	0.514725	0.617452	0.655275	0.507798	0.528416	0.488562
0.681699	0.36615	0.456493	0.673533	0.548024	0.687145	0.488075	0.516634	0.668177	0.570962
0.529545	0.316839	0.456493	0.53683	0.442129	0.692657	0.436564	0.600921	0.699544	0.652657
0.571789	0.41472	0.471657	0.516832	0.37831	0.503236	0.414084	0.497713	0.572145	0.60017
0.660654	0.558012	0.651021	0.577219	0.438361	0.755848	0.538777	0.630827	0.60969	0.51408
0.680622	0.59266	0.638035	0.68667	0.676302	0.854881	0.631809	0.659832	0.572982	0.559974
0.649499	0.456365	0.543747	0.825629	0.836676	0.858117	0.525908	0.720807	0.612435	0.636433
0.585393	0.537391	0.723705	0.697929	0.580605	0.569776	0.510521	0.57891	0.603352	0.664173

0.707234	0.428364	0.535897	0.74359	0.565263	0.493307	0.416976	0.588457	0.455482	0.411553
0.601226	0.452525	0.531254	0.701364	0.470805	0.72609	0.490131	0.651635	0.551721	0.453874
0.462142	0.351264	0.51986	0.713015	0.481031	0.72729	0.584083	0.578052	0.470443	0.564167
0.532593	0.352781	0.543747	0.634378	0.526053	0.532155	0.477272	0.616552	0.672371	0.633457
0.472009	0.542847	0.664408	0.631432	0.4188	0.386882	0.438389	0.616552	0.567982	0.646501
0.631842	0.62365	0.641989	0.625599	0.434625	0.608219	0.452644	0.64359	0.404841	0.472575
0.708379	0.667347	0.569864	0.827162	0.566101	0.746956	0.541088	0.641602	0.536817	0.45584
0.679548	0.315908	0.420451	0.610418	0.406426	0.721323	0.544188	0.692026	0.670269	0.622718
0.553752	0.349251	0.558244	0.704827	0.475547	0.603675	0.434142	0.50707	0.602454	0.708828
0.703817	0.550763	0.612243	0.561109	0.506602	0.539891	0.426363	0.54348	0.457404	0.61697
0.850944	0.640998	0.479784	0.504969	0.495051	0.693768	0.514136	0.628896	0.492155	0.479454
0.817261	0.577957	0.560708	0.760382	0.538471	0.602772	0.577314	0.69426	0.50558	0.445458
0.66895	0.407768	0.446881	0.603939	0.536899	0.697119	0.545747	0.614683	0.662991	0.639429
0.557786	0.470077	0.610392	0.564451	0.506602	0.638483	0.514862	0.60546	0.734568	0.724389
0.611194	0.578808	0.683652	0.574635	0.387111	0.560675	0.471312	0.619369	0.467804	0.538799
0.703817	0.565385	0.578358	0.692263	0.473509	0.668908	0.459631	0.626016	0.474432	0.549258
0.626113	0.367195	0.461707	0.631432	0.430308	0.585094	0.44888	0.504893	0.498463	0.58932
0.592359	0.395305	0.404066	0.5488	0.432153	0.570613	0.409496	0.52112	0.473765	0.497143
0.537981	0.444321	0.650008	0.545575	0.47148	0.463503	0.524419	0.687593	0.490766	0.560809
0.546584	0.443696	0.588776	0.498435	0.546417	0.508287	0.578155	0.756773	0.494248	0.631485
0.567623	0.618018	0.681471	0.582433	0.458844	0.607306	0.528152	0.611896	0.452296	0.487149
0.644522	0.470741	0.654074	0.650436	0.508067	0.68062	0.521456	0.741528	0.639901	0.577864
0.578538	0.547579	0.619727	0.579818	0.734047	0.580784	0.541861	0.749084	0.784779	0.784412
0.55941	0.498872	0.744578	0.469856	0.589368	0.538333	0.470655	0.661906	0.556536	0.684813
0.721177	0.490448	0.545334	0.443041	0.449764	0.446177	0.459631	0.645588	0.392499	0.565011
0.583669	0.381023	0.582669	0.349284	0.42786	0.661615	0.483992	0.492053	0.471769	0.552527
0.476691	0.400926	0.634116	0.539197	0.550445	0.550159	0.397678	0.528701	0.56304	0.58932
0.578538	0.549965	0.65921	0.494134	0.677385	0.507561	0.468689	0.585833	0.588336	0.6589
0.621395	0.6284	0.679301	0.499879	0.443392	0.513397	0.467383	0.551465	0.636007	0.710005
0.694834	0.531238	0.626382	0.443676	0.389339	0.541455	0.458352	0.435459	0.452296	0.636433
0.627063	0.547579	0.578358	0.387176	0.535333	0.521551	0.548881	0.616552	0.348859	0.542792
0.479389	0.731399	0.763867	0.615105	0.544816	0.431945	0.538009	0.696505	0.475101	0.536421
0.466719	0.545207	0.655096	0.50278	0.572015	0.511199	0.543411	0.710225	0.599772	0.724389
0.455047	0.433821	0.570706	0.402501	0.386556	0.392961	0.619608	0.705603	0.416374	0.436574
0.400411	0.371403	0.689153	0.561109	0.496478	0.474106	0.516319	0.527937	0.483203	0.597432
0.419439	0.436269	0.683652	0.572067	0.548024	0.478827	0.549668	0.456312	0.455482	0.643456
0.48966	0.478111	0.48737	0.565291	0.577148	0.462195	0.509802	0.58063	0.589205	0.522419
0.463445	0.590029	0.550935	0.500602	0.46745	0.45765	0.516319	0.390373	0.572145	0.534056
0.401541	0.436883	0.448786	0.480095	0.599216	0.472098	0.596189	0.354623	0.449765	0.482236
0.515348	0.528194	0.551741	0.539197	0.730357	0.418755	0.586649	0.521872	0.523154	0.724389
0.526517	0.589156	0.562358	0.539197	0.611151	0.532155	0.802095	0.568728	0.615197	0.70183
0.484152	0.538166	0.402347	0.482867	0.502234	0.550159	0.810631	0.537976	0.661961	0.494982
0.573466	0.640016	0.462364	0.439882	0.482413	0.491907	0.713227	0.448613	0.604252	0.456497
0.548167	0.658044	0.576646	0.607629	0.529125	0.449968	0.57984	0.447977	0.504147	0.463792
0.453769	0.639036	0.481153	0.475287	0.518468	0.407677	0.582381	0.372397	0.550128	0.473942
0.365206	0.660094	0.475025	0.43612	0.345799	0.351588	0.613178	0.381564	0.51648	0.521654
0.408957	0.661123	0.508028	0.644345	0.435246	0.410565	0.619608	0.45891	0.560589	0.507374

0.502314	0.640998	0.526661	0.610418	0.556148	0.640446	0.696338	0.492053	0.441018	0.453874
0.450591	0.667347	0.566512	0.582433	0.381041	0.502519	0.652271	0.515149	0.636977	0.565856
0.597658	0.693175	0.51986	0.468509	0.374516	0.443044	0.686512	0.509259	0.728531	0.570962
0.543436	0.637083	0.474349	0.617942	0.445293	0.501803	0.607741	0.476181	0.666095	0.535631
0.659628	0.665262	0.462364	0.680052	0.68504	0.776883	0.597947	0.514408	0.621711	0.726833
0.589734	0.632238	0.458441	0.676781	0.555328	0.610968	0.499153	0.425094	0.604252	0.813341
0.535664	0.706688	0.63902	0.786155	0.646022	0.634582	0.259115	0.293561	0.630232	0.461125
0.66582	0.600651	0.641989	0.690017	0.540049	0.524554	0.27389	0.571251	0.652801	0.513329
0.653522	0.538166	0.505844	0.636353	0.493628	0.674192	0.567355	0.714896	0.672371	0.551707
0.593238	0.548373	0.459092	0.825629	0.583215	0.649392	0.5048	0.515149	0.561404	0.569253
0.550552	0.755036	0.607631	0.80036	0.530668	0.618386	0.364554	0.565387	0.762175	0.795754
0.535664	0.629356	0.686944	0.746131	0.481031	0.639463	0.471312	0.784812	0.710908	0.63247
0.645513	0.535073	0.636071	0.618892	0.492919	0.661615	0.695235	0.692026	0.531452	0.4461
0.678477	0.427761	0.455199	0.491289	0.645014	0.635554	0.488075	0.673491	0.461923	0.489271
0.615801	0.579661	0.632169	0.45331	0.594712	0.505393	0.32196	0.600018	0.604252	0.677094
0.701554	0.749952	0.674994	0.596651	0.596508	0.579073	0.381334	0.672425	0.515011	0.531703
0.651506	0.572045	0.64598	0.543173	0.737768	0.645393	0.491507	0.632766	0.494947	0.482935
0.676341	0.432602	0.528187	0.378891	0.563591	0.713104	0.618684	0.65367	0.559775	0.731763
0.702684	0.486986	0.496509	0.433011	0.549636	0.555789	0.566535	0.549856	0.497758	0.6589
0.595	0.553166	0.64398	0.348773	0.477595	0.546181	0.472629	0.622206	0.499877	0.685927
0.742969	0.572045	0.634116	0.433011	0.397799	0.514132	0.511963	0.684298	0.43063	0.543595
0.682779	0.696514	0.711879	0.464492	0.572015	0.608219	0.473951	0.652651	0.571309	0.667367
0.516084	0.595308	0.898431	0.525948	0.523003	0.527579	0.607741	0.534087	0.643829	0.677094
0.627063	0.558012	0.709552	0.624635	0.668797	0.418164	0.599711	0.686492	0.64879	0.628543
0.723545	0.546787	0.527423	0.453959	0.630177	0.455075	0.518513	0.782062	0.563859	0.573537
0.631842	0.61523	0.569023	0.50278	0.646022	0.705038	0.611358	0.728008	0.517217	0.664173
0.645513	0.753759	0.482527	0.528257	0.637038	0.676324	0.721339	0.64359	0.479133	0.881196
0.481424	0.584814	0.505119	0.575495	0.696217	0.436228	0.745387	0.546656	0.460627	0.6589
0.412423	0.612459	0.661282	0.610418	0.652116	0.58683	0.51341	0.546656	0.590948	0.659949
0.566795	0.693175	0.534344	0.444312	0.585841	0.498953	0.714376	0.56622	0.642844	0.685927
0.707234	0.873343	0.433772	0.571214	0.815308	0.515606	0.669573	0.572942	0.469121	0.592907
0.613952	0.717107	0.548525	0.729871	0.872535	0.775538	0.776121	0.417924	0.540689	0.680385
0.488276	0.657023	0.596757	0.913541	0.72307	0.659554	0.741693	0.672425	0.647794	0.538005
0.573466	0.785485	0.490862	0.60028	0.601942	0.505393	0.656281	0.614683	0.701793	0.425411
0.619523	0.841	0.570706	0.519093	0.543221	0.682784	0.843448	0.473478	0.625477	0.49859
0.653522	0.744926	0.532025	0.688898	0.760793	0.814868	0.752869	0.504893	0.749408	0.662056
0.646506	0.6284	0.488763	0.978071	0.762108	0.832878	0.710937	0.611896	0.681959	0.801537
0.62422	0.753759	0.571549	0.701364	0.407008	0.506115	0.552831	0.584961	0.598881	0.536421
0.801351	0.886986	0.49722	0.552864	0.483799	0.675257	0.519247	0.611896	0.567982	0.471212
0.841496	0.658044	0.612243	0.864008	0.658296	0.7432	0.626135	0.614683	0.638924	0.51258
0.916091	0.57626	0.723705	1.036138	0.698487	0.900746	0.496357	0.624107	0.755745	0.54199
0.776512	0.822691	0.94175	0.911672	0.494339	0.800409	0.47197	0.570409	0.776666	0.78722
0.655548	0.687666	0.686944	0.911672	0.52073	0.674192	0.630858	0.952787	0.723761	0.567551
0.811408	0.677922	0.539804	0.881057	0.648043	0.825283	0.582381	0.706754	0.617048	0.377355
0.933065	0.612459	0.640997	1.004977	0.824337	0.717781	0.464784	0.616552	0.770019	0.546013
0.745459	0.599756	0.770492	0.756449	0.600123	0.842172	0.423997	0.663989	0.734568	0.677094
0.692617	0.605154	0.662321	0.59937	0.437736	0.624982	0.598828	0.795989	0.630232	0.708828

0.90694	0.666303	0.68256	0.747408	0.504412	0.695999	0.573969	0.780694	0.650791	0.51258
0.923553	0.638058	0.6312	0.739805	0.51398	0.667858	0.402142	0.590216	0.698424	0.530922
0.892687	0.597971	0.720123	0.729871	0.589368	0.753289	0.451386	0.874921	0.782058	0.77064
0.795707	0.565385	0.716571	0.74359	0.877662	0.867973	0.607741	0.858272	0.68847	0.867428
0.938874	0.736269	0.770492	0.611351	0.55944	0.851668	0.790968	0.892234	0.503433	0.778851
1.031999	0.815284	0.680385	0.64133	0.557791	0.900746	0.62426	0.658799	0.543813	0.63247
0.860603	0.841	1.105848	0.729871	0.682839	0.754566	0.612267	0.697632	0.629277	0.730526
0.690412	0.461538	0.855783	0.701364	0.642006	0.753289	0.639491	0.913964	0.733354	0.800084
0.775173	0.428967	0.603976	0.450075	0.662466	0.558225	0.605944	0.829822	0.733354	0.931179
0.936929	0.733827	0.678221	0.619844	0.599216	0.658527	0.503381	0.616552	0.653809	0.754669
1.015412	0.548373	0.664408	0.506434	0.583215	0.900746	0.926902	0.773916	0.653809	0.797192
0.808511	0.399232	0.669669	0.786155	0.758173	0.893637	0.739249	0.8391	0.578888	0.939098
0.609364	0.485609	0.628303	0.818043	1.013864	0.581643	0.71208	0.752911	0.57804	0.773359
0.648499	0.564559	0.694724	0.674613	0.805006	0.7432	0.747866	0.627934	0.697306	0.676002
0.814325	0.813818	0.902031	0.65146	0.797794	0.577368	0.696338	0.720807	0.584016	0.626593
0.786004	0.668393	0.793804	0.779223	0.995439	0.494712	0.65327	0.767242	0.614274	0.766592
0.55295	0.602447	0.775865	0.775116	0.973456	0.654444	1.030301	0.980021	0.791658	0.777471
0.592359	0.850453	0.662321	0.633393	0.857506	0.501803	0.817874	1.057958	0.919751	0.683702
0.625165	0.692067	0.761245	0.588597	0.71119	0.520057	0.659312	0.572942	0.724948	0.611298
0.531066	0.52668	0.657148	0.401347	0.67307	0.7702	0.803506	0.48095	0.669222	0.710005
0.382181	0.760181	0.680385	0.516832	0.61961	0.569776	0.773475	0.578052	0.727333	0.70183
0.414166	0.675787	0.516128	0.625599	0.587601	0.408829	0.625197	0.772573	0.670269	0.612238
0.464751	0.707834	0.44815	0.593053	0.566941	0.543811	0.756659	0.574638	0.577193	0.443539
0.691513	0.741195	0.579217	0.557792	0.592923	0.526064	0.739249	0.435459	0.380498	0.513329
0.586258	0.861747	0.589655	0.557792	0.726698	0.608219	0.554421	0.401071	0.562221	0.746899
0.564319	0.827196	0.585276	0.553682	0.601942	0.407677	0.602371	0.478218	0.666095	0.607557
0.618589	0.587414	0.381138	0.643337	0.58672	0.526064	0.765632	0.535639	0.820315	0.523953
0.674217	0.590029	0.360917	0.575495	0.529896	0.595614	0.756659	0.562897	0.685202	0.451267
0.54187	0.663188	0.507299	0.586827	0.682839	0.768875	0.682215	0.524894	0.579739	0.453874
0.508782	0.781391	0.728526	0.64033	0.707689	0.676324	0.828223	0.491351	0.770019	0.676002
0.664782	0.746177	0.684747	0.674613	0.587601	0.659554	0.770845	0.469456	0.68847	0.576995
0.608452	0.778682	0.534344	0.7697	0.601031	0.671014	0.843448	0.620313	0.723761	0.381763
0.608452	0.702137	0.464338	0.588597	0.616772	0.721323	0.670613	0.706754	0.664023	0.520129
0.733148	0.758889	0.406947	0.592158	0.67847	0.732124	0.629909	0.58063	0.658886	0.603848
0.641563	0.684394	0.708394	0.781982	0.66562	0.597393	0.603262	0.527174	0.735785	0.572677
0.618589	0.633202	0.749638	0.872449	0.621512	0.667858	0.556016	0.39823	0.596221	0.473942
0.643533	0.49464	0.554168	0.653514	0.61583	0.8375	0.659312	0.786194	0.526153	0.524722
0.565143	0.453163	0.482527	0.663936	0.537685	0.728493	0.44888	0.564555	0.490073	0.718338
0.619523	0.58223	0.588776	0.796049	0.582343	0.7237	0.47197	0.512194	0.499169	0.547632
0.658604	0.708982	0.601254	0.898803	0.503685	0.691549	0.683285	0.692026	0.677671	0.649568
0.667904	0.607879	0.544539	0.630454	0.564426	0.530624	0.765632	0.808916	0.539912	0.494982
0.699302	0.528194	0.534344	0.455262	0.584964	0.635554	0.537243	0.67456	0.485938	0.511086
0.724734	0.555582	0.459092	0.504969	0.544018	0.583365	0.408926	0.535639	0.565504	0.606626
0.689313	0.533535	0.523625	0.612287	0.424213	0.565616	0.278929	0.501288	0.431839	0.564167
0.508059	0.631275	0.6312	0.576356	0.46745	0.648389	0.392161	0.565387	0.439167	0.407422
0.532593	0.404904	0.559063	0.490581	0.426641	0.511931	0.584083	0.57891	0.365689	0.527036
0.738031	0.444321	0.45779	0.474604	0.495764	0.622143	0.593567	0.721999	0.490766	0.516338

0.805633	0.492539	0.48737	0.643337	0.477595	0.559857	0.470655	0.717251	0.593576	0.71237
0.674217	0.676853	0.545334	0.658694	0.34328	0.568107	0.477272	0.586706	0.419894	0.444178
0.518299	0.711288	0.74082	0.477341	0.490797	0.664726	0.435351	0.560422	0.454205	0.53327
0.631842	0.472739	0.676067	0.489874	0.617716	0.779586	0.636594	0.719619	0.454843	0.601086
0.569285	0.322469	0.55498	0.511602	0.692834	0.694882	0.558421	0.633739	0.473098	0.562485
0.657583	0.408343	0.63902	0.563613	0.563591	0.507561	0.480619	0.587581	0.35288	0.606626
0.701554	0.554775	0.559063	0.466496	0.500788	0.554981	0.476606	0.702169	0.482522	0.597432
0.508059	0.589156	0.569864	0.441775	0.599216	0.632645	0.510521	0.5596	0.507738	0.706483
0.610278	0.614304	0.573242	0.459853	0.835114	0.61005	0.671655	0.612823	0.50846	0.79289
0.617658	0.427761	0.52287	0.466496	0.696217	0.487734	0.553625	0.570409	0.513547	0.780234
0.593238	0.553166	0.596757	0.500602	0.567783	0.460242	0.474613	0.483699	0.432445	0.572677
0.736805	0.816755	0.636071	0.525181	0.727914	0.567275	0.556016	0.62506	0.346863	0.51408
0.510233	0.662154	0.642984	0.48776	0.565263	0.53678	0.680082	0.491351	0.416958	0.719541
0.456328	0.415889	0.616905	0.392789	0.556968	0.380346	0.618684	0.55389	0.600664	0.661001
0.467376	0.435656	0.64799	0.494134	0.632126	0.387981	0.543411	0.64961	0.605154	0.603848
0.51388	0.406047	0.496509	0.405399	0.65726	0.599178	0.617761	0.679943	0.481842	0.536421
0.552149	0.516965	0.562358	0.523651	0.771431	0.482915	0.524419	0.482323	0.34936	0.598343
0.434431	0.635138	0.480468	0.556967	0.832008	0.451876	0.673746	0.431772	0.392499	0.725609
0.493138	0.446829	0.516872	0.545575	0.622466	0.532922	0.568176	0.422691	0.354397	0.459136
0.587124	0.41765	0.523625	0.529029	0.601031	0.514132	0.662365	0.584092	0.558963	0.577864
0.671049	0.651951	0.48598	0.390535	0.727914	0.553367	0.680082	0.644588	0.533743	0.646501
0.546584	0.796598	0.479784	0.409489	0.628236	0.525308	0.573969	0.4789	0.558152	0.699522
0.552149	0.572045	0.578358	0.518338	0.65726	0.520803	0.538009	0.337056	0.517954	0.6663
0.494537	0.656004	0.516872	0.428694	0.585841	0.449334	0.5048	0.399932	0.536046	0.550072
0.711832	0.688762	0.560708	0.498435	0.622466	0.422908	0.747866	0.593755	0.612435	0.505161
0.516084	0.764079	0.55013	0.498435	0.683938	0.55176	0.747866	0.622206	0.559775	0.655767
0.51096	0.612459	0.411013	0.542375	0.647031	0.678467	0.838824	0.617489	0.506299	0.637429
0.502314	0.474746	0.483905	0.661831	0.686145	0.614661	0.682215	0.450525	0.597993	0.463792
0.423585	0.50674	0.767829	0.551234	0.656226	0.472766	0.570649	0.43055	0.567982	0.409188
0.650501	0.598863	0.455845	0.357539	0.608367	0.481548	0.772158	0.532541	0.579739	0.535631
0.690412	0.83635	0.483215	0.471207	0.656226	0.524554	0.754128	0.626974	0.658886	0.724389
0.545795	0.668393	0.605799	0.618892	0.663515	0.529861	0.736818	0.634714	0.586603	0.657853
0.488967	0.518446	0.553357	0.775116	0.582343	0.520803	0.460272	0.460214	0.473098	0.581357
0.618589	0.802262	0.633142	0.547991	0.567783	0.538333	0.637557	0.393723	0.5823	0.485739
0.679548	0.705546	0.527423	0.452661	0.747851	0.667858	0.786868	0.469456	0.467146	0.449322
0.631842	0.77465	0.461052	0.575495	0.612083	0.695999	0.790968	0.472805	0.593576	0.668437
0.483468	0.597971	0.568184	0.902441	0.610221	0.573134	0.582381	0.297136	0.456121	0.69154
0.483468	0.642969	0.363524	0.810587	0.535333	0.427704	0.586649	0.415561	0.490766	0.719541
0.695947	0.694285	0.347101	0.504969	0.544816	0.431337	0.662365	0.545065	0.63311	0.557477
0.875506	0.824188	0.433772	0.543972	0.721867	0.789179	0.993761	0.651635	0.572982	0.560809
0.780554	0.764079	0.513904	0.7311	0.68504	0.690444	0.793723	0.661906	0.795837	0.656809
0.506615	0.675787	0.64398	0.862339	0.474867	0.585094	0.695235	0.568728	0.779354	0.73675
0.666861	0.863385	0.59142	0.697929	0.641008	0.691549	0.695235	0.581493	0.815894	0.617923
0.801351	0.841	0.597652	0.580688	0.718279	0.648389	0.735607	0.482323	0.786146	0.678188
0.687124	0.762776	0.546129	0.738551	0.646022	0.671014	0.640461	0.599118	0.992572	0.842732
0.659628	0.747432	0.737096	0.969461	0.666677	0.66996	0.617761	0.62506	0.843122	0.823939
0.542652	0.737496	0.77317	0.940602	0.601031	0.744448	0.67902	0.619369	0.631189	0.599255

0.589734	0.770656	0.634116	0.704827	0.563591	0.567275	0.831226	0.59822	0.671319	0.596523
0.59677	0.756316	0.613172	0.956857	0.786498	0.489815	0.772158	0.65674	0.829295	0.645484
0.792913	0.633202	0.546927	0.865683	0.744042	0.845314	0.764339	0.592868	0.954637	0.746899
0.652513	0.590029	0.5259	0.80764	0.519975	0.796164	0.626135	0.736563	1.001472	0.891817
0.49947	0.506019	0.419855	0.816541	0.526053	0.652416	0.641433	0.567054	0.863906	0.620794
0.580242	0.688762	0.548525	0.576356	0.519975	0.679542	0.663388	0.540326	0.812972	0.453874
0.640581	0.670493	0.503672	0.697929	0.584089	0.850071	0.806342	0.630827	0.723761	0.440993
0.777855	0.577957	0.550935	0.7697	0.719472	0.8134	0.672699	0.589336	0.821799	0.671663
0.522762	0.627446	0.633142	0.656615	0.545616	0.716607	0.600596	0.652651	0.821799	0.697226
0.578538	0.652961	0.629266	0.671382	0.460815	0.594728	0.703015	0.832893	0.689565	0.678188
0.674217	0.735047	0.526661	0.822578	0.449122	0.618386	0.66544	0.568728	0.612435	0.584878
0.797111	0.62365	0.610392	0.896995	0.560267	0.861377	0.556817	0.482323	0.539136	0.415724
0.527272	0.458297	0.635092	0.616994	0.42725	0.72251	0.429338	0.485081	0.616121	0.576995
0.572627	0.534304	0.588776	0.420187	0.30347	0.489815	0.500558	0.658799	0.778008	0.745617
0.666861	0.48906	0.459744	0.428694	0.256185	0.553367	0.385633	0.687593	0.83233	0.688163
0.643533	0.479465	0.576646	0.639332	0.434625	0.55904	0.564085	0.622206	0.710908	0.550072
0.674217	0.462189	0.666505	0.71066	0.47148	0.660584	0.601483	0.477538	0.601558	0.406249
0.399284	0.44872	0.506571	0.494134	0.432153	0.666812	0.571477	0.635692	0.661961	0.630502
0.448065	0.343761	0.538237	0.395623	0.37831	0.534461	0.436564	0.55308	0.564681	0.802995
0.565143	0.391967	0.493676	0.452661	0.419997	0.664726	0.354888	0.567054	0.474432	0.570107
0.558597	0.430175	0.436239	0.592158	0.34935	0.55904	0.419888	0.504893	0.564681	0.525492
0.441815	0.400926	0.409266	0.471207	0.411099	0.54936	0.46349	0.626016	0.591823	0.515584
0.480066	0.414136	0.431319	0.337685	0.551255	0.443044	0.317783	0.518124	0.575503	0.766592
0.533359	0.303527	0.406947	0.279554	0.370754	0.290785	0.345434	0.58063	0.377816	0.489271
0.47068	0.295465	0.392171	0.431155	0.425425	0.480185	0.418138	0.502007	0.34786	0.432821
0.493837	0.407194	0.421645	0.418386	0.337294	0.692657	0.585792	0.60546	0.621711	0.679285
0.449327	0.405475	0.471657	0.482867	0.589368	0.448069	0.531161	0.731654	0.601558	0.706483
0.360549	0.358387	0.519111	0.382738	0.426033	0.365991	0.33282	0.581493	0.483886	0.597432
0.497349	0.334924	0.434387	0.319176	0.434625	0.553367	0.474613	0.609126	0.481842	0.554995
0.570952	0.479465	0.570706	0.326873	0.370219	0.548563	0.445149	0.564555	0.356428	0.538005
0.341911	0.385914	0.460398	0.486356	0.474867	0.491209	0.401582	0.545065	0.449765	0.523185
0.347369	0.365628	0.439342	0.408902	0.464784	0.446807	0.457077	0.433612	0.370394	0.467149
0.498762	0.369294	0.433772	0.324453	0.346305	0.291225	0.517049	0.398797	0.33459	0.353366
0.558597	0.400926	0.502951	0.384951	0.379947	0.329879	0.446389	0.473478	0.382115	0.364929
0.473341	0.385368	0.439342	0.443041	0.376138	0.407101	0.415817	0.500571	0.2805	0.448031
0.333126	0.288423	0.325966	0.341182	0.42847	0.383058	0.319171	0.388708	0.299724	0.291139
0.416502	0.374586	0.336159	0.302799	0.376138	0.346059	0.393259	0.361333	0.321713	0.435319
0.444304	0.358387	0.356262	0.326388	0.379947	0.430123	0.3564	0.392045	0.36465	0.419936
0.453132	0.382647	0.475025	0.288348	0.369685	0.506115	0.306837	0.352069	0.286092	0.424799
0.450591	0.375652	0.49722	0.352361	0.4595	0.516344	0.368169	0.331678	0.320306	0.383427
0.473341	0.421192	0.389942	0.36755	0.4595	0.31848	0.411784	0.297136	0.380498	0.468499
0.562677	0.500292	0.355748	0.368618	0.47828	0.353617	0.384554	0.325407	0.429424	0.583995
0.647501	0.402626	0.512427	0.343194	0.61583	0.467449	0.459631	0.41615	0.339458	0.457815
0.600331	0.544419	0.568184	0.34018	0.439613	0.419346	0.440835	0.557144	0.370394	0.499315
0.584531	0.664224	0.671791	0.467166	0.458189	0.319888	0.497054	0.505617	0.328342	0.481539
0.522015	0.629356	0.678221	0.491289	0.405846	0.371253	0.453275	0.544272	0.507738	0.483634
0.786004	0.762776	0.694724	0.499879	0.616772	0.524554	0.510521	0.483699	0.449134	0.467149

0.594118	0.585679	0.821431	0.684453	0.849376	0.588572	0.489444	0.526412	0.317505	0.457155
0.336521	0.550763	0.593192	0.499157	0.726698	0.434387	0.492196	0.560422	0.382115	0.487149
0.491743	0.602447	0.50223	0.547185	0.494339	0.442419	0.572306	0.491351	0.421074	0.564167
0.691513	0.645943	0.693604	0.501327	0.576288	0.454433	0.584937	0.420897	0.449134	0.456497
0.639601	0.516227	0.77317	0.616049	0.813821	0.637504	0.687593	0.440423	0.446621	0.570962
0.460844	0.513286	0.757341	0.635364	0.641008	0.524554	0.627075	0.820739	0.57804	0.730526
0.536435	0.710133	0.749638	0.626566	0.771431	0.548563	0.663388	0.73533	0.630232	0.802995
0.50089	0.719456	0.557425	0.473923	0.659335	0.506115	0.633717	0.52112	0.605154	0.608489
0.595	0.522918	0.49509	0.501327	0.648043	0.441796	0.637557	0.377226	0.388097	0.466476
0.522762	0.529713	0.702645	0.511602	0.679558	0.469435	0.544188	0.440423	0.493549	0.628543
0.522762	0.755036	0.699233	0.502053	0.703064	0.529861	0.546528	0.798828	0.627373	0.655767
0.507336	0.828709	0.655096	0.612287	0.729134	0.564788	0.695235	0.810376	0.632149	0.630502
0.593238	0.827196	0.502951	0.512345	0.644009	0.617452	0.796496	0.536416	0.549333	0.577864
0.513148	0.653973	0.596757	0.451366	0.688363	0.474106	0.595313	0.470124	0.584876	0.511833
0.34488	0.741195	0.880866	0.678959	0.712364	0.55904	0.559226	0.609126	0.542248	0.696083
0.41885	0.789619	0.753473	0.779223	0.689477	0.54936	0.745387	0.657768	0.602454	0.715941
0.567623	0.791006	0.379507	0.59395	0.561096	0.458297	0.682215	0.518124	0.56304	0.758607
0.660654	0.728984	0.415117	0.404237	0.570317	0.415812	0.675848	0.465471	0.61984	0.677094
0.579389	0.59266	0.498645	0.478028	0.677385	0.470764	0.602371	0.422092	0.484569	0.702989
0.532593	0.558825	0.530485	0.50938	0.737768	0.462849	0.521456	0.505617	0.459335	0.761252
0.788754	0.875025	0.657148	0.717765	0.646022	0.503236	0.803506	0.642595	0.674484	0.729291
0.731936	0.911944	0.570706	0.739805	0.617716	0.630717	0.903152	0.754195	0.88746	0.650595
0.619523	0.678994	0.572395	0.664992	0.758173	0.639463	0.820806	0.596428	0.658886	0.618878
0.562677	0.868335	0.739575	0.727423	0.977765	0.61652	0.723684	0.707908	0.448504	0.603848
0.429577	0.618018	0.667557	0.631432	0.836676	0.5566	0.66544	0.583224	0.572982	0.752064
0.465406	0.651951	0.557425	0.590374	0.687253	0.54936	0.566535	0.655714	0.698424	0.696083
0.506615	0.715937	0.458441	0.491289	0.556968	0.628797	0.76305	0.714896	0.638924	0.592907
0.484836	0.645943	0.381683	0.50938	0.756869	0.573134	0.713227	0.678861	0.497053	0.570107
0.564319	0.742435	0.68256	0.682247	0.699627	0.459592	0.549668	0.730435	0.550923	0.776096
0.707234	0.883535	0.704936	0.781982	0.68504	0.511199	0.72017	0.758068	0.62359	0.642446
0.669998	0.865029	0.541377	0.69452	0.442129	0.61005	0.832735	0.749084	0.601558	0.61602
0.52426	0.71828	0.552548	0.604859	0.613952	0.70276	0.899611	0.589336	0.661961	0.557477
0.385439	0.684394	0.769158	0.902441	1.082539	0.705038	0.72251	0.642595	0.481164	0.529364
0.473341	0.697633	0.752191	0.84121	1.002257	0.618386	0.848122	0.660868	0.646799	0.822409
0.509507	0.643958	0.482527	0.717765	0.625342	0.717781	0.857622	0.803123	0.897959	0.972305
0.583669	0.680069	0.547725	0.596651	0.438361	0.506115	0.67796	0.573789	0.691763	0.713557
0.475348	0.661123	0.518364	0.547991	0.591142	0.443044	0.688676	0.554701	0.647794	0.620794
0.481424	0.704407	0.521362	0.456569	0.612083	0.509741	0.641433	0.562071	0.402571	0.53327
0.529545	0.644949	0.516128	0.59937	0.438986	0.47143	0.752869	0.549856	0.539136	0.556648
0.691513	0.516227	0.5259	0.816541	0.577148	0.595614	0.657289	0.462178	0.589205	0.569253
0.689313	0.603347	0.581803	0.695653	0.536899	0.5912	0.443295	0.466133	0.661961	0.593808
0.756845	0.558825	0.429489	0.522888	0.49221	0.648389	0.440222	0.425697	0.602454	0.622718
0.850944	0.660094	0.434387	0.519093	0.540049	0.579073	0.384016	0.388154	0.444745	0.573537
0.571789	0.534304	0.621618	0.554501	0.451049	0.664726	0.57984	0.497001	0.589205	0.554171
0.653522	0.463493	0.413353	0.597556	0.579738	0.659554	0.606841	0.429332	0.572982	0.479454
0.644522	0.472739	0.274455	0.649415	0.544816	0.716607	0.498452	0.460868	0.441637	0.414529
0.574307	0.500292	0.521362	0.593053	0.454929	0.533691	0.387798	0.434226	0.526153	0.441628

0.591482	0.470077	0.589655	0.474604	0.444025	0.477473	0.397123	0.597323	0.666095	0.584878
0.429577	0.462189	0.513165	0.443041	0.57801	0.714269	0.510521	0.741528	0.585739	0.718338
0.514614	0.452525	0.516872	0.459194	0.490797	0.665767	0.528902	0.725594	0.542248	0.523953
0.531829	0.474075	0.479101	0.401923	0.531442	0.656481	0.514862	0.624107	0.601558	0.517094
0.486209	0.516227	0.423443	0.407147	0.449764	0.59296	0.412358	0.489251	0.511359	0.50296
0.393693	0.575413	0.455199	0.407731	0.607444	0.529861	0.407788	0.484389	0.396946	0.477379
0.403809	0.310362	0.391055	0.491289	0.701915	0.579928	0.494272	0.385946	0.329776	0.572677
0.378948	0.402626	0.436239	0.389413	0.551255	0.504673	0.453275	0.473478	0.436711	0.597432
0.380023	0.451889	0.571549	0.471884	0.508802	0.313817	0.512686	0.659832	0.416374	0.568401
0.453132	0.58223	0.396665	0.571214	0.541632	0.436843	0.568999	0.548253	0.421074	0.595616
0.351382	0.391967	0.376802	0.347244	0.51398	0.572292	0.58923	0.383202	0.469121	0.531703
0.381101	0.506019	0.430708	0.484259	0.509538	0.450603	0.492887	0.313597	0.281784	0.523185
0.852539	0.780034	0.651021	0.47597	0.767411	0.55904	0.50409	0.308501	0.237022	0.469854
1.368758	0.841	0.564846	0.672457	0.698487	0.629756	0.664412	0.541113	0.492852	0.511086
1.108387	1.056475	0.898431	0.965219	0.807924	0.706181	0.76305	0.442299	0.57804	0.705315
1.540154	3.060797	1.362208	1.211286	1.224717	0.928488	0.890882	0.690914	0.628324	0.762581
1.483886	1.51202	1.132668	1.22259	1.01682	1.105152	1.420168	1.779439	0.894431	0.913871
1.990124	2.400745	1.31296	0.189765	0.237206	0.225346	1.03101	1.61197	0.973191	1.525307
1.274796	2.61586	0.37953	0.284648	0.213486	0.219416	0.763062	0.956867	1.961143	1.084368
1.025754	0.759061	0.737609	0.55857	1.808804	0.569256	1.708068	1.119583	1.195545	1.3013
0.492367	0.716157	1.209838	1.279623	0.919096	1.313582	2.933105	1.271507	1.282299	1.320302
0.673254	0.694705	0.777219	1.516953	0.897728	2.02046	1.260715	1.364836	1.447373	1.383837
0.85414	0.683979	0.689342	0.777786	1.233465	0.87636	1.795773	1.207848	2.495088	1.415605
3.031516	0.65636	0.778353	1.179037	1.855214	1.287892	1.207251	1.527998	1.694193	1.268532
0.62874	0.95509	1.285887	0.867364	2.531908	1.690367	1.525521	3.338475	1.269611	1.231624
1.25382	1.25199	1.277225	1.524537	2.617338	1.096631	2.933105	1.853528	0.757023	1.195796
1.25016	2.61586	1.264608	1.335814	1.430176	1.105152	2.029064	1.79328	1.372607	1.670327
1.798238	1.524199	1.394403	1.067032	1.567446	1.657912	1.009371	2.445369	1.515158	3.719975
1.798238	1.638806	2.560115	0.741063	1.575945	2.126916	0.904934	1.413598	2.166905	2.089887
1.242249	1.687534	1.590078	1.130101	1.353023	2.31215	1.312038	1.94291	1.102221	1.565653
1.348269	1.35077	1.445588	2.448633	1.306454	0.985553	1.607273	1.630904	1.394272	1.248246
1.35327	1.540407	1.292483	1.259886	1.258159	1.402185	1.252499	1.500773	1.886079	1.318004
0.676635	0.338318	1.26334	1.234197	1.256432	1.324196	1.871415	1.293241	1.216978	1.387761
0	0.507476	1.8975	1.422697	1.390234	2.479098	1.333982	1.140715	0.811518	0.805926
0	1.012688	1.656614	1.209878	1.367	1.343767	1.370499	1.016514	0.98819	0.077571
0	1.046356	1.029522	1.123909	1.355384	2.753799	1.044837	1.002352	0.155142	0.038785
0	1.746027	1.037939	2.081024	2.345597	1.20011	1.888263	0.310283	0.232713	0.096964
0.34435	0.172175	1.201989	1.366039	0.212198	0.736475	0.620567	0.465425	0.387854	1.517669
1.280699	1.407125	0.687082	0.424397	0.27284	0.504658	1.482964	0.92519	1.229813	0.193927
1.572459	2.300231	0.161712	0.333482	1.987839	0.770115	1.325933	1.904923	0.462595	0.096964
0.776217	0.323424	0.242568	0.854956	1.035571	0.829991	0.84496	2.055585	0.655649	0.279779
0.646848	0.691801	0.820044	1.03863	0.889867	0.859929	0.852445	0.848702	0.984978	1.315522
0.736753	0.948287	1.461366	1.026309	0.958088	0.940625	1.888263	0.887804	1.417075	1.082152
0.978186	1.008085	1.046514	1.036412	1.038937	1.761532	0.923163	1.559666	0.984978	0.492489
1.020338	1.226618	1.256297	1.041463	1.322967	1.147291	2.106917	1.716166	1.171009	0.738733
1.026465	3.060797	1.83127	1.171186	0.904249	1.125711	1.613829	1.861561	1.35704	1.453051
2.214907	0.856871	1.086075	1.7375	0.719472	1.511492	2.167842	2.006955	2.027408	1.549062

[illegible]

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0.009549	0.004775	0.002387	0.001194	5.97E-04	2.98E-04	2.441485	0	0	0
1.28885	0.938819	0.727891	0.93806	1.11616	1.248475	0.873489	1.094126	1.534585	0.874762
0.946028	0.651185	0.63369	0.948092	0.549128	0.720466	1.026512	1.16174	2.226072	0.867013
0.660203	0.684901	0.60511	0.828237	0.757153	0.844988	0.786481	0.689565	0.984051	0.858088
0.39239	0.449031	1.338449	0.971014	0.770637	0.851445	0.884832	0.520891	0.674518	0.729104
0.79033	0.697524	1.934956	0.913011	0.649522	0.702788	0.728992	0.70719	0.706015	0.584216
0.828119	0.850931	1.164091	0.637983	0.55743	0.639492	0.785086	0.860983	0.591778	0.369688
0.749191	0.60178	0.756978	0.828237	0.684015	0.689145	0.636728	0.590166	0.62051	0.673713
0.762041	0.797941	0.636654	0.93215	0.688525	0.756831	0.514987	0.480647	0.903485	0.601482
0.633207	0.741603	0.563805	0.65729	0.548306	0.541593	0.423022	0.437328	0.659586	0.622535
0.572678	0.59806	0.490679	0.469565	0.512102	0.463082	0.374423	0.51162	0.425433	0.467058
0.556944	0.398829	0.419607	0.475678	0.378587	0.461754	0.470269	0.482787	0.43973	0.379555
0.629346	0.511078	0.352835	0.501752	0.538567	0.536838	0.415822	0.36673	0.559801	0.531999
0.544122	0.598987	0.504352	0.652125	0.493622	0.504938	0.411088	0.4871	0.565673	0.372567
0.395744	0.588897	0.580904	0.61665	0.379142	0.738895	0.534874	0.451071	0.37634	0.420784
0.613312	0.438003	0.639639	0.614761	0.389267	0.699336	0.682608	0.596625	0.373618	0.467058

0.690092	0.549073	0.546547	0.592718	0.566749	0.730198	0.487467	0.555838	0.506546	0.522921
0.760738	0.672636	0.502165	0.661466	0.608046	0.677005	0.477752	0.627442	0.599926	0.574912
0.811728	0.790666	0.742823	0.659373	0.518952	0.583381	0.403503	0.565248	0.431592	0.322945
0.866184	0.777871	0.713455	0.488872	0.757153	0.745216	0.51424	0.638561	0.355027	0.383092
0.722192	0.554903	0.615372	0.654184	0.777539	0.519837	0.47162	0.419654	0.568214	0.505317
0.784798	0.511078	0.666402	0.515776	0.549951	0.6375	0.350227	0.415959	0.538661	0.665698
0.681341	0.409494	0.429339	0.421116	0.437999	0.639492	0.40874	0.477102	0.322963	0.653394
0.443125	0.406505	0.395621	0.3578	0.44506	0.523643	0.375506	0.349552	0.400482	0.673713
0.38851	0.467829	0.474684	0.370497	0.503133	0.457137	0.585452	0.367278	0.425433	0.522921
0.279304	0.312104	0.446273	0.412161	0.502394	0.322315	0.393215	0.296134	0.387963	0.482405
0.38851	0.331715	0.448196	0.429644	0.548306	0.54319	0.599755	0.402672	0.395317	0.463482
0.552896	0.559963	0.467237	0.389706	0.561641	0.540797	0.54357	0.508573	0.359732	0.472114
0.479664	0.639823	0.411857	0.342937	0.608989	0.555355	0.54437	0.472887	0.4885	0.601482
0.471572	0.55827	0.553859	0.460225	0.633251	0.351659	0.442825	0.378383	0.360785	0.496775
0.408267	0.48676	0.706413	0.554181	0.455539	0.400052	0.443459	0.422136	0.414564	0.54555
0.427756	0.470582	0.65799	0.562454	0.453555	0.461754	0.501009	0.584705	0.536286	0.621509
0.565983	0.51565	0.505084	0.419911	0.612781	0.496237	0.569058	0.402672	0.471854	0.770392
0.439387	0.575506	0.431806	0.353133	0.525911	0.398903	0.646738	0.369476	0.356068	0.540419
0.369613	0.427873	0.443722	0.494549	0.568466	0.222246	0.385933	0.356449	0.388524	0.475761
0.36593	0.51412	0.453366	0.329054	0.583334	0.340484	0.507574	0.281941	0.413373	0.417568
0.401392	0.570263	0.523025	0.404546	0.644371	0.41527	0.494542	0.419654	0.330268	0.36797
0.483081	0.570263	0.410677	0.43584	0.55409	0.41053	0.570755	0.374464	0.409819	0.583276
0.372263	0.439929	0.359069	0.444665	0.503133	0.33155	0.429114	0.324997	0.304988	0.40122
0.421162	0.516416	0.459256	0.476362	0.430426	0.250248	0.333172	0.340696	0.368761	0.281215
0.430787	0.587088	0.513215	0.372111	0.519719	0.392073	0.499564	0.480647	0.487089	0.469217
0.433839	0.53204	0.411267	0.367288	0.523579	0.464414	0.588984	0.422758	0.502146	0.602462
0.393505	0.498381	0.425054	0.384685	0.510594	0.446126	0.472297	0.340181	0.353989	0.419494
0.344966	0.647019	0.604189	0.6036	0.395573	0.388137	0.39265	0.406256	0.476644	0.343522
0.438767	0.600847	0.537774	0.562454	0.479384	0.427351	0.66325	0.462524	0.559801	0.46994
0.459059	0.627759	0.493522	0.511298	0.494346	0.46642	0.550006	0.432841	0.496348	0.742435
0.481028	0.438644	0.384939	0.49598	0.594144	0.59135	0.46424	0.369476	0.51926	0.698686
0.432615	0.537644	0.485048	0.604519	0.472437	0.451273	0.431575	0.430299	0.477333	0.498315
0.501296	0.687169	0.513962	0.592718	0.552429	0.368444	0.592544	0.422136	0.575063	0.360602
0.540975	0.542505	0.412448	0.497416	0.515894	0.441672	0.604323	0.4471	0.484979	0.338152
0.610543	0.434177	0.360117	0.484662	0.615647	0.540002	0.488169	0.434758	0.562308	0.409317
0.411746	0.415534	0.404824	0.530267	0.473127	0.602207	0.335144	0.293351	0.526145	0.605414
0.381395	0.581704	0.441186	0.546868	0.409657	0.424908	0.458294	0.326991	0.572482	0.480179
0.478305	0.624794	0.426885	0.607289	0.431052	0.445487	0.690376	0.520891	0.553186	0.433225
0.512897	0.53204	0.364863	0.542857	0.424831	0.293026	0.548388	0.396765	0.462431	0.354464
0.524062	0.430384	0.312008	0.425359	0.356925	0.305337	0.398328	0.423381	0.634137	0.409317
0.449429	0.361821	0.390528	0.493836	0.400217	0.421268	0.383165	0.390358	0.591778	0.461351
0.585515	0.53845	0.431806	0.465538	0.375268	0.471814	0.481197	0.395593	0.402218	0.274711
0.619843	0.587088	0.425664	0.399351	0.429176	0.502018	0.487467	0.336079	0.410409	0.344062
0.610543	0.512597	0.388844	0.438343	0.491456	0.557829	0.315342	0.306973	0.461101	0.445349
0.575215	0.585286	0.407741	0.390267	0.337301	0.496956	0.301405	0.430933	0.428502	0.341904
0.619843	0.554065	0.486449	0.461547	0.296373	0.477277	0.416417	0.394424	0.445455	0.348412
0.564326	0.532836	0.417208	0.539675	0.429176	0.573837	0.409912	0.347976	0.432834	0.445349

0.484456	0.37381	0.423231	0.627185	0.542598	0.62477	0.488169	0.296134	0.469141	0.461351
0.443752	0.372156	0.355422	0.511298	0.502394	0.560318	0.400621	0.280592	0.503608	0.453624
0.416429	0.314026	0.434288	0.40863	0.368163	0.364716	0.341616	0.456423	0.490627	0.467776
0.484456	0.509565	0.499988	0.482572	0.382491	0.509354	0.256282	0.474288	0.430972	0.344062
0.501296	0.462375	0.519226	0.78155	0.532193	0.695913	0.573312	0.495857	0.494911	0.426632
0.582054	0.40591	0.47332	0.608216	0.572786	0.714493	0.468922	0.425884	0.646167	0.45923
0.478305	0.459	0.599613	0.415721	0.323389	0.565338	0.404082	0.348501	0.55483	0.525378
0.63515	0.441863	0.536985	0.365692	0.215291	0.491952	0.475698	0.569594	0.491338	0.506101
0.522557	0.417974	0.47264	0.419911	0.434196	0.560318	0.411088	0.490728	0.468465	0.397534
0.51143	0.376582	0.649738	0.515026	0.544221	0.59314	0.348186	0.514688	0.411592	0.461351
0.470904	0.363437	0.547354	0.350049	0.591416	0.56115	0.414041	0.593845	0.4885	0.5262
0.464283	0.369959	0.562131	0.282807	0.468321	0.537627	0.389279	0.573103	0.459776	0.602462
0.645996	0.536839	0.599613	0.477735	0.516656	0.613342	0.489577	0.546627	0.255964	0.457119
0.522557	0.434177	0.467237	0.453674	0.468321	0.645524	0.502459	0.46802	0.285063	0.450848
0.432615	0.376026	0.486449	0.518787	0.538567	0.507877	0.501734	0.670418	0.47527	0.46634
0.462971	0.431013	0.521502	0.430876	0.602432	0.411711	0.46825	0.542504	0.525375	0.393878
0.510698	0.469203	0.450773	0.321795	0.4298	0.381473	0.446003	0.470795	0.498514	0.540419
0.634177	0.427248	0.450127	0.365692	0.439914	0.480726	0.483972	0.506302	0.439099	0.492947
0.763347	0.495446	0.667465	0.465538	0.554922	0.489118	0.424233	0.602239	0.379079	0.557765
0.483768	0.516416	0.648718	0.46221	0.67955	0.396614	0.436539	0.604126	0.471854	0.637159
0.489997	0.491806	0.632706	0.604519	0.685138	0.459769	0.549196	0.638561	0.542647	0.604428
0.576915	0.653283	0.689292	0.572595	0.610881	0.522116	0.577609	0.516231	0.432834	0.448778
0.475599	0.451667	0.669599	0.545259	0.616606	0.689145	0.500286	0.451071	0.368761	0.530334
0.391834	0.488915	0.615372	0.549292	0.4829	0.519837	0.472297	0.569594	0.399905	0.467776
0.440629	0.507305	0.489265	0.596315	0.606167	0.46043	0.54357	0.567851	0.387963	0.41565
0.393505	0.622829	0.39335	0.474312	0.49945	0.298	0.490283	0.524813	0.463097	0.624594
0.468244	0.629746	0.470606	0.381369	0.512102	0.358923	0.52101	0.408662	0.395888	0.61038
0.503448	0.634755	0.659033	0.509816	0.559952	0.501291	0.578474	0.475693	0.450608	0.622535
0.38576	0.536839	0.564644	0.56329	0.608989	0.464414	0.750311	0.62248	0.691107	0.731738
0.420568	0.586186	0.347199	0.498136	0.622409	0.451273	0.693748	0.496595	0.588205	0.661183
0.474925	0.637789	0.373972	0.363046	0.422367	0.380923	0.615486	0.371686	0.57766	0.540419
0.362798	0.478947	0.40135	0.41098	0.66535	0.470459	0.567367	0.446441	0.465773	0.569423
0.372263	0.581704	0.427497	0.427803	0.687393	0.487005	0.525582	0.378383	0.361312	0.50297
0.435065	0.576386	0.565485	0.557472	0.550775	0.459769	0.554077	0.415959	0.426045	0.40681
0.576064	0.686034	0.438037	0.579489	0.368163	0.371665	0.498123	0.438618	0.608229	0.357802
0.545704	0.608367	0.304099	0.502479	0.417481	0.532916	0.653885	0.474288	0.516989	0.407435
0.52633	0.569395	0.399049	0.690758	0.586907	0.513069	0.54517	0.428401	0.673434	0.505317
0.567647	0.677056	0.580033	0.55173	0.580673	0.494804	0.587214	0.381771	0.470496	0.518049
0.564326	0.546599	0.629769	0.516527	0.422367	0.59135	0.559013	0.498074	0.439099	0.41374
0.728182	0.514884	0.533844	0.506132	0.580673	0.58163	0.443459	0.429033	0.639109	0.392061
0.634177	0.562515	0.578296	0.71027	0.625339	0.619972	0.421813	0.380639	0.608229	0.496007
0.607791	0.589805	0.421415	0.536517	0.407278	0.456482	0.448562	0.378383	0.643128	0.536188
0.579477	0.587088	0.460576	0.378079	0.263209	0.602207	0.572458	0.618551	0.691107	0.48315
0.594289	0.478947	0.563805	0.717371	0.452896	0.689145	0.70287	0.753993	0.560635	0.504533
0.581194	0.552395	0.579163	0.691882	0.495799	0.669453	0.436539	0.557534	0.430972	0.505317
0.507058	0.456319	0.462564	0.682972	0.444413	0.580757	0.52329	0.445128	0.471175	0.559538
0.622672	0.32475	0.525321	0.565808	0.532985	0.738895	0.631808	0.529567	0.685507	0.543833

0.521057	0.408296	0.671744	0.468219	0.526692	0.743945	0.555716	0.558384	0.476644	0.509255
0.521806	0.48676	0.602353	0.397063	0.601503	0.586905	0.561503	0.583801	0.335208	0.434555
0.613312	0.510321	0.533062	0.406875	0.61183	0.504206	0.430343	0.470795	0.403378	0.507676
0.683512	0.716564	0.665342	0.687404	0.63425	0.502746	0.378772	0.747366	0.63811	0.67836
0.769937	0.554065	0.534627	0.556647	0.564188	0.755525	0.575026	0.780142	0.649227	0.72001
0.816138	0.455652	0.608814	0.460225	0.573655	0.614283	0.420007	0.601298	0.58643	0.701141
0.637102	0.511078	0.519226	0.422324	0.693083	0.601291	0.510524	0.51162	0.539455	0.587994
0.614239	0.487477	0.751777	0.484662	0.639281	0.585139	0.625977	0.68271	0.55483	0.713629
0.794526	0.812867	0.814215	0.352617	0.495799	0.653698	0.56317	0.796033	0.607298	0.594686
0.690092	0.649097	0.616318	0.38413	0.453555	0.633544	0.481889	0.694195	0.476644	0.605414
0.565983	0.572876	0.562967	0.394786	0.535368	0.449336	0.581077	0.449081	0.470496	0.686615
0.499868	0.432909	0.571416	0.49598	0.657892	0.347562	0.493118	0.474288	0.649227	0.725183
0.570155	0.532836	0.771609	0.43709	0.448308	0.400627	0.533312	0.485658	0.572482	0.664565
0.772602	0.720229	0.762241	0.534163	0.663206	0.456482	0.625013	0.614657	0.454513	0.583276
0.749191	0.847629	0.598704	0.679678	0.911797	0.578149	0.696011	0.528771	0.497069	0.701141
0.542546	0.590714	0.496384	0.623324	0.674033	0.668384	0.876159	0.491457	0.601757	0.697464
0.4425	0.478947	0.490679	0.575167	0.484315	0.451921	0.698285	0.534373	0.666988	0.61138
0.360206	0.608367	0.696059	0.622364	0.644371	0.553713	0.792105	0.499559	0.646167	0.635039
0.466259	0.691741	0.639639	0.875372	0.645397	0.580757	0.669607	0.526392	0.505075	0.527024
0.623619	0.470582	0.461238	0.82978	0.798928	0.626705	0.583697	0.49	0.632164	0.556881
0.455181	0.505057	0.454668	0.681871	0.554922	0.503475	0.442193	0.536796	0.748899	0.64466
0.531668	0.766806	0.591496	0.698686	0.510594	0.36102	0.428501	0.451736	0.623394	0.342442
0.645996	0.764083	0.579163	0.76526	0.647454	0.532135	0.708671	0.520891	0.623394	0.386657
0.675959	0.586186	0.338629	0.807191	0.653687	0.579017	0.654915	0.52324	0.517745	0.570333
0.713942	0.66826	0.540149	0.685183	0.636256	0.666256	0.506107	0.465951	0.575063	0.636098
0.534749	0.979198	0.760919	0.609145	0.489302	0.619972	0.541976	0.445784	0.592676	0.587994
0.560209	0.737754	0.530725	0.638978	0.554922	0.547207	0.731446	0.584705	0.703688	0.481662
0.711613	0.587991	0.551408	0.753431	0.513615	0.594038	0.612668	0.563522	0.70953	0.589895
0.767289	0.536839	0.431806	0.449146	0.458867	0.610531	0.475698	0.390358	0.864815	0.70859
0.629346	0.553229	0.57227	0.608216	0.415059	0.620927	0.57934	0.400892	0.789361	0.621509
0.623619	0.681522	0.585286	0.59004	0.316115	0.461091	0.604323	0.642676	0.694502	0.440594
0.798763	0.670442	0.45532	0.546063	0.282802	0.510836	0.628883	0.534373	0.558138	0.380731
0.851516	0.546599	0.504352	0.681871	0.481491	0.594038	0.565684	0.393841	0.564829	0.427287
0.594289	0.488196	0.539356	0.527947	0.63126	0.714493	0.33023	0.478517	0.60637	0.67953
0.564326	0.599916	0.782568	0.556647	0.425449	0.45387	0.399473	0.556685	0.478022	0.462771
0.641032	0.627759	0.596891	0.504667	0.334784	0.553713	0.534092	0.656325	0.626298	0.306761
0.581194	0.521821	0.625883	0.698686	0.469689	0.720466	0.493829	0.477102	0.597193	0.388451
0.744155	0.499855	0.606033	0.6036	0.69769	0.674834	0.322482	0.512385	0.708355	0.530334
0.589003	0.554903	0.606033	0.425969	0.487157	0.613342	0.399473	0.584705	0.716645	0.523739
0.54176	0.479652	0.642644	0.545259	0.464244	0.558657	0.497404	0.621494	0.562308	0.552488
0.730602	0.432909	0.515459	0.523343	0.415059	0.721671	0.394346	0.536796	0.503608	0.49371
0.814663	0.557425	0.545742	0.643987	0.540981	0.686912	0.463575	0.560946	0.696781	0.603444
0.843576	0.480358	0.529174	0.534946	0.413853	0.686912	0.330719	0.549119	0.530796	0.506888
0.780694	0.696361	0.726669	0.545259	0.452896	0.567025	0.404082	0.639586	0.531576	0.431236
0.787555	0.651185	0.759601	0.554181	0.396729	0.665195	0.524817	0.642676	0.535498	0.624594
0.716283	0.675947	0.881899	0.491701	0.407278	0.627675	0.46825	0.542504	0.530018	0.528676
0.751731	0.585286	0.868167	0.539675	0.443768	0.551262	0.408155	0.735686	0.725096	0.473569

0.534749	0.557425	0.642644	0.576891	0.667504	0.480726	0.382063	0.595696	0.636119	0.539569
0.533976	0.52494	0.646684	0.473631	0.604295	0.523643	0.530204	0.675962	0.473218	0.579539
0.662271	0.480358	0.70525	0.438343	0.521259	0.759455	0.47162	0.645788	0.551548	0.443305
0.692308	0.459	0.745363	0.416914	0.443768	0.611466	0.436539	0.556685	0.47527	0.537031
0.617967	0.425377	0.660078	0.484662	0.584224	0.561985	0.417014	0.662773	0.532358	0.566705
0.489997	0.305917	0.614429	0.423536	0.607105	0.659932	0.517236	0.72807	0.686621	0.633983
0.660203	0.470582	0.640638	0.577755	0.490737	0.683585	0.680414	0.747366	0.605443	0.773289
0.671701	0.449689	0.593287	0.5203	0.508342	0.675918	0.559842	0.520891	0.578529	0.630831
0.723383	0.396494	0.590603	0.621407	0.530614	0.594938	0.426057	0.648922	0.565673	0.53367
0.577767	0.52887	0.637647	0.594513	0.587805	0.614283	0.381512	0.660613	0.598102	0.600505
0.553703	0.470582	0.745363	0.460225	0.508342	0.479343	0.354856	0.52324	0.644138	0.721297
0.664349	0.450347	0.548161	0.437716	0.39155	0.567025	0.463575	0.477809	0.521543	0.626663
0.762041	0.477542	0.576566	0.4396	0.413853	0.618067	0.482582	0.479226	0.52769	0.615403
0.552091	0.408895	0.671744	0.596315	0.695381	0.641493	0.406405	0.662773	0.510991	0.633983
0.483081	0.491081	0.692662	0.55173	0.650559	0.409354	0.353308	0.643711	0.613854	0.690201
0.655075	0.496911	0.662176	0.474995	0.495072	0.471136	0.592544	0.679323	0.646167	0.760401
0.510698	0.462375	0.636654	0.465538	0.449614	0.448049	0.51275	0.531963	0.52002	0.606403
0.513633	0.53204	0.774323	0.567495	0.601503	0.56115	0.482582	0.549954	0.468465	0.701141
0.685694	0.550731	0.596891	0.609145	0.821426	0.555355	0.524817	0.715666	0.533925	0.67603
0.55532	0.413714	0.538564	0.460225	0.647454	0.484902	0.502459	0.554148	0.647184	0.780618
0.513633	0.390137	0.600525	0.351588	0.458867	0.444849	0.560671	0.566982	0.551548	0.537875
0.582917	0.432909	0.688174	0.494549	0.656837	0.368444	0.606163	0.6355	0.470496	0.613387
0.643011	0.422277	0.805353	0.624286	0.778932	0.615226	0.546776	0.691874	0.470496	0.717446
0.499155	0.418586	0.638642	0.746997	0.725169	0.494089	0.617374	0.798986	0.665923	0.766082
0.590758	0.526508	0.615372	0.44023	0.466278	0.360495	0.50684	0.651025	0.727541	0.877971
0.468907	0.52887	0.579163	0.283685	0.518185	0.379823	0.52101	0.451071	0.377434	0.683058
0.525573	0.471965	0.623953	0.399926	0.751875	0.484902	0.526349	0.471491	0.376887	0.70485
0.497024	0.476841	0.708747	0.498136	0.630267	0.481419	0.571606	0.56009	0.489208	0.689002
0.512897	0.517954	0.502165	0.440861	0.668586	0.431042	0.54357	0.602239	0.531576	0.499862
0.591638	0.686034	0.51471	0.3578	0.540981	0.458451	0.609868	0.572223	0.63811	0.472114
0.578621	0.648056	0.568017	0.356239	0.593233	0.342998	0.581949	0.563522	0.60084	0.477965
0.37386	0.464412	0.51471	0.42475	0.708237	0.499118	0.374423	0.49	0.451906	0.596617
0.387959	0.475442	0.67067	0.736895	0.664276	0.436637	0.608939	0.505547	0.365553	0.521291
0.521806	0.590714	0.513215	0.558298	0.500185	0.53448	0.760718	0.527976	0.530796	0.489153
0.531668	0.702206	0.384384	0.407459	0.580673	0.613342	0.610799	0.463892	0.747614	0.522921
0.435065	0.605532	0.401927	0.537304	0.654734	0.513069	0.580208	0.461842	0.56147	0.440594
0.438148	0.691741	0.384939	0.528719	0.595057	0.399477	0.585452	0.419654	0.52769	0.567609
0.42836	0.662851	0.503622	0.497416	0.547486	0.409942	0.627912	0.424006	0.551548	0.672559
0.441876	0.614094	0.487151	0.63699	0.542598	0.490533	0.511265	0.424631	0.628244	0.506101
0.560209	0.598987	0.552224	0.610076	0.586011	0.525942	0.610799	0.513919	0.530018	0.557765
0.397994	0.631743	0.424446	0.484662	0.566749	0.349093	0.514987	0.503292	0.593575	0.550743
0.357628	0.535233	0.424446	0.533381	0.544221	0.450626	0.70287	0.461161	0.659586	0.53367
0.363319	0.528081	0.523025	0.647021	0.39847	0.523643	0.772731	0.401485	0.525375	0.507676
0.563499	0.55827	0.399049	0.544457	0.447006	0.519079	0.606163	0.412295	0.562308	0.408689
0.51437	0.513358	0.307338	0.499579	0.529827	0.570417	0.593439	0.541684	0.553186	0.522105
0.45647	0.615056	0.467237	0.633041	0.466278	0.558657	0.665358	0.457771	0.62051	0.55424
0.561029	0.635764	0.606033	0.834442	0.490737	0.515313	0.605242	0.532765	0.699071	0.46206

0.571835	0.52966	0.460576	0.686292	0.508342	0.439147	0.530979	0.697701	0.736209	0.464909
0.561851	0.522598	0.421415	0.626217	0.628289	0.675918	0.54437	0.581102	0.535498	0.490667
0.492093	0.723926	0.548971	0.860189	0.652642	0.649592	0.396048	0.395008	0.416956	0.511636
0.503448	0.680401	0.607885	0.87882	0.485024	0.752925	0.559013	0.540048	0.585545	0.5262
0.725776	0.614094	0.616318	0.668873	0.492177	0.678095	0.667478	0.573103	0.575927	0.503751
0.733035	0.567665	0.649738	0.510556	0.610881	0.671597	0.656984	0.704798	0.57766	0.564902
0.561029	0.327225	0.385495	0.54206	0.650559	0.671597	0.580208	0.704798	0.616694	0.592763
0.661236	0.415534	0.530725	0.541264	0.416874	0.56115	0.447921	0.559236	0.50069	0.472114
0.554511	0.548247	0.583528	0.588264	0.460205	0.562821	0.276959	0.582899	0.504341	0.400604
0.49561	0.511837	0.676065	0.415721	0.516656	0.665195	0.400621	0.541684	0.647184	0.671408
0.580334	0.476141	0.480181	0.479111	0.463568	0.560318	0.399473	0.4871	0.594477	0.690201
0.712776	0.407101	0.540149	0.535731	0.493622	0.482809	0.384824	0.384044	0.588205	0.79413
0.717458	0.421044	0.601438	0.5203	0.501656	0.478653	0.425448	0.560946	0.469818	0.593723
0.499868	0.510321	0.7492	0.523343	0.603362	0.588677	0.506107	0.552466	0.424212	0.50297
0.576915	0.564225	0.677152	0.410392	0.536964	0.536838	0.644717	0.674848	0.509504	0.594686
0.441876	0.42166	0.540149	0.442759	0.643349	0.549635	0.621177	0.513151	0.533141	0.616415
0.406538	0.418586	0.708747	0.543656	0.592323	0.499841	0.480506	0.575753	0.545862	0.549005
0.607791	0.576386	0.624917	0.427803	0.53937	0.41946	0.488169	0.715666	0.5794	0.607394
0.59252	0.70694	0.485048	0.538093	0.696534	0.468435	0.530979	0.586517	0.505075	0.67487
0.481711	0.578151	0.482956	0.634025	0.773384	0.604964	0.827471	0.544973	0.490627	0.766082
0.485834	0.656449	0.506551	0.548482	0.769269	0.510836	0.655948	0.503292	0.493478	0.569423
0.606878	0.780682	0.718214	0.472272	0.667504	0.463082	0.593439	0.601298	0.602676	0.484643
0.562674	0.764083	0.459916	0.466876	0.668586	0.451273	0.754184	0.687268	0.694502	0.558651
0.490694	0.748095	0.376688	0.483268	0.607105	0.418859	0.737644	0.540048	0.619553	0.731738
0.40253	0.436724	0.447554	0.542857	0.480085	0.344008	0.583697	0.350079	0.474585	0.711102
0.428966	0.461698	0.589713	0.601767	0.495799	0.426127	0.422417	0.37951	0.602676	0.619464
0.614239	0.557425	0.589713	0.55173	0.613734	0.453219	0.588984	0.489273	0.582023	0.41565
0.730602	0.690593	0.508023	0.628156	0.693083	0.529803	0.54357	0.394424	0.51473	0.457119
0.582917	0.69869	0.597796	0.59004	0.684015	0.640492	0.517236	0.408059	0.8665	0.558651
0.457762	0.629746	0.618214	0.780169	0.544221	0.58163	0.562336	0.389203	0.763301	0.560428
0.517329	0.742893	0.692662	0.865192	0.586907	0.491952	0.699427	0.638561	0.745053	0.50297
0.660203	0.657509	0.501438	0.659373	0.584224	0.506405	0.682608	0.598488	0.63811	0.571245
0.657119	0.648056	0.485048	0.601767	0.545851	0.670524	0.525582	0.484939	0.758009	0.587994
0.629346	0.655391	0.617265	0.707928	0.567607	0.779656	0.548388	0.582899	0.79937	0.546411
0.596065	0.726407	0.613488	0.748276	0.415059	0.601291	0.639707	0.704798	0.686621	0.543833
0.842005	0.753359	0.627822	0.745721	0.558269	0.835479	0.448562	0.500303	0.51398	0.527849
0.876245	0.647019	0.606958	0.868559	0.62632	0.755525	0.411677	0.422136	0.566518	0.475761
0.73671	0.470582	0.664284	0.714991	0.696534	0.722879	0.400046	0.581102	0.818594	0.651194
0.622672	0.547422	0.737788	0.544457	0.592323	0.664137	0.470944	0.683845	0.845089	0.835705
0.694535	0.620873	0.583528	0.591824	0.413853	0.613342	0.513494	0.726814	0.44738	0.549005
0.678104	0.511078	0.580033	0.678585	0.510594	0.754223	0.470269	0.708391	0.497791	0.472114
0.710454	0.471273	0.707578	0.707928	0.568466	0.631579	0.515735	0.869612	0.60637	0.621509
0.485834	0.485329	0.608814	0.65729	0.633251	0.548824	0.459609	0.756673	0.499963	0.49371
0.595176	0.499855	0.731576	0.559126	0.529827	0.474537	0.452429	0.680449	0.62436	0.742435
0.920873	0.649097	0.676065	0.519543	0.486445	0.619019	0.558187	0.604126	0.520781	0.64358
0.813193	0.606475	0.835626	0.534946	0.66001	0.802292	0.533312	0.582899	0.562308	0.589895
0.890033	0.627759	0.885401	0.686292	0.761154	0.754223	0.68151	0.85085	0.756696	0.792607

0.632239	0.613134	0.814215	0.769276	0.81989	0.548015	0.668541	0.645788	0.625328	0.743791
0.79033	0.528081	0.648718	0.622364	0.758483	0.542391	0.66325	0.661692	0.665923	0.749257
0.750459	0.478244	0.732811	0.538884	0.71181	0.790827	0.732679	0.641643	0.509504	0.638222
0.560209	0.360212	0.766231	0.599033	0.715413	0.754223	0.519496	0.720585	0.526145	0.68424
0.601438	0.555742	0.777054	0.858535	0.880713	0.6375	0.608939	0.941479	0.725096	0.79719
0.670643	0.818984	0.943634	0.662516	0.708237	0.525174	0.689258	0.831266	0.513231	0.70361
0.869512	0.640844	0.79239	0.557472	0.812287	0.725305	0.607087	0.710803	0.559801	0.712364
0.706993	0.67484	0.970586	0.62525	0.981558	0.719265	0.59076	0.515459	0.530796	0.835705
0.710454	0.789226	0.740299	0.490284	0.719046	0.582505	0.70287	0.468712	0.535498	0.808075
0.490694	0.645983	0.736539	0.672086	0.725169	0.455174	0.797803	0.61176	0.652309	0.653394
0.701286	0.655391	0.732811	0.660418	0.591416	0.468435	0.594336	0.710803	0.776822	0.609382
0.713942	0.802365	0.677152	0.534163	0.636256	0.509354	0.517988	0.422758	0.708355	0.623563
0.604149	0.850931	0.848351	0.703283	0.78739	0.626705	0.588098	0.495857	0.697924	0.727793
0.474252	0.756015	0.740299	0.882295	0.66967	0.540797	0.940856	0.719351	0.920354	0.845892
0.487217	0.581704	0.403084	0.707928	0.572786	0.451921	0.656984	0.817137	0.873306	0.722589
0.580334	0.820526	0.343145	0.452375	0.497986	0.612403	0.632787	0.556685	0.817084	0.477965
0.516587	0.723926	0.444358	0.516527	0.485734	0.572979	0.738894	0.47499	0.746331	0.489153
0.378689	0.753359	0.640638	0.761281	0.579789	0.496956	0.674977	0.601298	0.818594	0.645742
0.55939	0.647019	0.683731	0.797039	0.562488	0.548015	0.713367	0.640613	0.87675	0.650098
0.706993	0.53845	0.425664	0.873659	0.573655	0.526712	0.665358	0.599423	0.715451	0.540419
0.576064	0.584387	0.573983	0.63206	0.640295	0.619019	0.651831	0.564384	0.609161	0.695029
0.527089	0.71293	0.420209	0.469565	0.598729	0.515313	0.654915	0.573103	0.699071	0.70485
0.570155	0.779274	0.57227	0.487464	0.44506	0.416463	0.597941	0.666033	0.778197	0.551615
0.70356	0.889021	0.642644	0.720965	0.395573	0.656804	0.503186	0.588338	0.520781	0.4286
0.713942	0.753359	0.715828	0.762603	0.644371	0.826174	0.660105	0.731861	0.594477	0.458525
0.556131	0.559963	0.546547	0.787119	0.582445	0.692516	0.575885	0.736968	0.701374	0.613387
0.639063	0.764083	0.590603	0.791343	0.652642	0.565338	0.534874	0.598488	0.85484	0.71617
0.681341	0.66935	0.569713	0.693009	0.335286	0.573837	0.559842	0.613689	0.688858	0.478702
0.647997	0.447719	0.51247	0.653153	0.490019	0.719265	0.417014	0.590166	0.483579	0.355019
0.851516	0.599916	0.580033	0.542857	0.558269	0.689145	0.414634	0.690718	0.563987	0.399988
0.655075	0.50881	0.496384	0.72459	0.530614	0.63256	0.629856	0.661692	0.565673	0.689002
0.548088	0.417974	0.528401	0.748276	0.648487	0.747771	0.50831	0.690718	0.82622	0.67603
0.533976	0.686034	0.691536	0.678585	0.523579	0.832355	0.425448	0.584705	0.727541	0.535347
0.644003	0.455652	0.741559	0.667807	0.568466	0.824642	0.713367	0.790187	0.467791	0.641429
0.654057	0.511837	0.485048	0.651099	0.710616	0.679187	0.700572	0.610798	0.473218	0.692608
0.820592	0.62185	0.519226	0.531044	0.523579	0.555355	0.501009	0.647875	0.653341	0.763232
0.762041	0.704567	0.63369	0.513531	0.571918	0.657844	0.435293	0.59477	0.49205	0.690201
0.69342	0.622829	0.712273	0.437716	0.50092	0.740152	0.535658	0.588338	0.463765	0.743791
0.754285	0.587991	0.715828	0.607289	0.522804	0.623806	0.634753	0.582899	0.444815	0.863421
0.817617	0.553229	0.782568	0.662516	0.628289	0.507877	0.562336	0.573984	0.496348	0.792607
0.854733	0.692891	0.673899	0.666744	0.606167	0.514564	0.509785	0.734407	0.708355	0.663435
0.771267	0.591626	0.634676	0.453674	0.629277	0.728969	0.645726	0.818684	0.504341	0.546411
0.722192	0.606475	0.578296	0.428416	0.643349	0.795091	0.77681	0.593845	0.530796	0.845892
0.64202	0.605532	0.591496	0.575167	0.663206	0.642498	0.844696	0.461842	0.503608	0.687807
0.643011	0.604591	0.82632	0.548482	0.678441	0.449981	0.501009	0.457771	0.637113	0.592763
0.846734	0.692891	0.727891	0.577755	0.51742	0.340484	0.385933	0.44121	0.60084	0.522105
0.605057	0.651185	0.746638	0.588264	0.773384	0.405259	0.578474	0.529567	0.4885	0.573074

0.500581	0.576386	0.545742	0.454325	0.716621	0.522879	0.742667	0.423381	0.526917	0.692608
0.405389	0.325244	0.433666	0.383577	0.685138	0.599467	0.662199	0.375022	0.534711	0.627701
0.544122	0.424135	0.508023	0.444665	0.542598	0.321354	0.273087	0.37058	0.494194	0.685426
0.67918	0.600847	0.610678	0.469565	0.550775	0.375453	0.4105	0.618551	0.657495	0.669115
0.626473	0.577268	0.550594	0.535731	0.740228	0.557003	0.617374	0.584705	0.497791	0.586101
0.427152	0.464412	0.452067	0.452375	0.633251	0.489118	0.599755	0.337101	0.451257	0.636098
0.441876	0.429755	0.510241	0.527947	0.520489	0.391508	0.534874	0.505547	0.385167	0.635039
0.580334	0.606475	0.590603	0.5326	0.61183	0.485602	0.669607	0.6166	0.666988	0.588943
0.621727	0.680401	0.652814	0.474995	0.653687	0.660979	0.806493	0.552466	0.62436	0.581403
0.576064	0.613134	0.545742	0.693009	0.705871	0.555355	0.692621	0.418419	0.635126	0.641429
0.461011	0.477542	0.46993	0.58123	0.726405	0.531356	0.55163	0.412904	0.692236	0.689002
0.487217	0.62578	0.578296	0.612881	0.61469	0.454521	0.533312	0.510856	0.760647	0.542977
0.488605	0.632745	0.544939	0.526407	0.382491	0.321354	0.671747	0.424006	0.559801	0.558651
0.544913	0.769546	0.519983	0.651099	0.528256	0.347052	0.540388	0.428401	0.567365	0.377798
0.494904	0.748095	0.594185	0.698686	0.758483	0.663082	0.630831	0.356984	0.417556	0.530334
0.412329	0.649097	0.474684	0.584733	0.562488	0.511579	0.576746	0.48422	0.63811	0.587046
0.434452	0.616986	0.502165	0.506866	0.607105	0.529028	0.62405	0.618551	0.60637	0.393878
0.571835	0.605532	0.505817	0.490284	0.608046	0.58163	0.91008	0.592922	0.480098	0.35836
0.548886	0.768173	0.442452	0.676408	0.696534	0.565338	0.614544	0.44121	0.789361	0.629785
0.521057	0.653283	0.613488	0.788522	0.588705	0.555355	0.44093	0.33506	0.6638	0.72001
0.455181	0.642892	0.576566	0.699831	0.555757	0.445487	0.426667	0.333029	0.541847	0.561319
0.473581	0.684901	0.544939	0.600854	0.705871	0.517569	0.599755	0.504042	0.702529	0.477965
0.509968	0.67484	0.45532	0.694138	0.653687	0.627675	0.594336	0.465264	0.607298	0.432561
0.681341	0.679283	0.475367	0.753431	0.526692	0.569567	0.49099	0.338125	0.610096	0.439245
0.614239	0.592539	0.408913	0.733167	0.512102	0.548015	0.421211	0.420273	0.537868	0.524558
0.497024	0.686034	0.458598	0.489577	0.42114	0.499841	0.517236	0.544148	0.564829	0.494474
0.661236	0.708131	0.513215	0.611944	0.478685	0.610531	0.71931	0.507058	0.463097	0.587994
0.684602	0.667173	0.463228	0.784325	0.588705	0.725305	0.70984	0.527183	0.503608	0.433225
0.531668	0.590714	0.576566	0.758649	0.705871	0.95572	0.568212	0.63246	0.662743	0.512432
0.471572	0.710524	0.599613	0.648037	0.387563	0.542391	0.365323	0.419036	0.713073	0.548139
0.579477	0.688308	0.503622	0.542857	0.475897	0.574696	0.379866	0.485658	0.632164	0.450848
0.591638	0.681522	0.41304	0.571741	0.607105	0.610531	0.676059	0.510856	0.599926	0.452929
0.515847	0.358075	0.408326	0.531821	0.549951	0.422478	0.520252	0.544973	0.67888	0.527849
0.55939	0.475442	0.465228	0.699831	0.323389	0.469109	0.453725	0.563522	0.728769	0.486141
0.449429	0.503564	0.411267	0.728245	0.42793	0.541593	0.452429	0.394424	0.708355	0.64466
0.695653	0.660707	0.609745	0.633041	0.457533	0.480034	0.647752	0.566114	0.510247	0.470663
0.79033	0.757349	0.491388	0.485361	0.437363	0.519837	0.720509	0.556685	0.636119	0.396922
0.694535	0.533634	0.471961	0.499579	0.549951	0.519837	0.477066	0.444472	0.776822	0.661183
0.515847	0.459	0.537774	0.752137	0.508342	0.551262	0.488169	0.513919	0.525375	0.577682
0.552091	0.52966	0.519226	0.813101	0.585117	0.572124	0.666417	0.626445	0.560635	0.512432
0.719819	0.697524	0.562967	0.825167	0.773384	0.821595	0.705181	0.693033	0.587317	0.363421
0.745409	0.570263	0.495667	0.820603	0.737682	0.630599	0.626943	0.600359	0.677786	0.50297
0.772602	0.50431	0.642644	0.76526	0.638271	0.693645	0.556538	0.608882	0.764635	0.512432
0.711613	0.692891	0.631725	0.682972	0.506102	0.674834	0.493829	0.535987	0.609161	0.642503
0.725776	0.889021	0.727891	0.700978	0.549951	0.752925	0.557362	0.636518	0.489208	0.557765
0.805918	0.683772	0.560464	0.856886	0.533778	0.776908	0.549196	0.680449	0.580272	0.453624
0.942062	0.547422	0.630746	0.825167	0.602432	0.719265	0.559013	0.714445	0.6638	0.518049

0.749191	0.576386	0.680429	0.72459	0.640295	0.751631	0.374423	0.687268	0.765972	0.605414
0.656096	0.656449	0.649738	0.825167	0.525911	0.555355	0.472297	0.610798	0.644138	0.535347
0.733035	0.881843	0.667465	0.731931	0.60523	0.694777	0.671747	0.663857	0.599013	0.560428
0.803042	0.745486	0.622032	0.889329	0.629277	0.941482	0.70984	0.746053	0.685507	0.586101
0.944041	0.548247	0.558804	0.76526	0.593233	0.710948	0.560671	0.656325	0.70953	0.721297
0.805918	0.671537	0.59239	0.690758	0.464244	0.608667	0.464906	0.600359	0.652309	0.747884
0.728182	0.71293	0.721817	0.63699	0.608989	0.599467	0.493829	0.664944	0.502146	0.636098
0.826603	0.731414	0.619165	0.836007	0.646424	0.700484	0.538806	0.931315	0.590882	0.489909
0.932302	0.730157	0.747917	0.855244	0.690798	0.890561	0.712188	0.726814	0.476644	0.467776
0.77394	0.550731	0.742823	0.719764	0.750565	0.803747	0.644717	0.63246	0.467117	0.656715
0.700154	0.548247	0.636654	0.525639	0.62632	0.621885	0.582822	0.58561	0.528464	0.731738
0.708144	0.540068	0.729116	0.554181	0.473818	0.618067	0.592544	0.534373	0.397032	0.722589
0.775282	0.628751	0.566327	0.711445	0.637262	0.702788	0.597941	0.58561	0.458454	0.516437
0.810269	0.503564	0.629769	0.693009	0.774765	0.720466	0.610799	0.664944	0.526917	0.574912
0.620784	0.517954	0.685947	0.635999	0.773384	0.708601	0.493829	0.492919	0.743779	0.745151
0.700154	0.590714	0.758288	0.483964	0.509092	0.655766	0.698285	0.798986	0.707184	0.839075
0.749191	0.626768	0.600525	0.503207	0.526692	0.75034	0.794945	0.933329	0.541048	0.756189
0.708144	0.487477	0.621074	0.538884	0.585117	0.899551	0.746472	0.731861	0.560635	0.569423
0.690092	0.481772	0.73405	0.748276	0.671846	0.818569	0.491698	0.721824	0.778197	0.750635
0.545704	0.467829	0.650761	0.647021	0.678441	0.721671	0.479127	0.686124	0.759326	0.851077
0.672762	0.52494	0.756978	0.713806	0.608989	0.540797	0.54517	0.782988	0.603596	0.774745
0.744155	0.426	0.476737	0.716179	0.584224	0.772817	0.571606	0.653137	0.465773	0.628742
0.59252	0.461022	0.51621	0.78155	0.609934	0.695913	0.417611	0.573103	0.485681	0.615403
0.465599	0.418586	0.433666	0.545259	0.502394	0.742677	0.540388	0.796033	0.542647	0.636098
0.463627	0.401176	0.691536	0.459565	0.602432	0.489825	0.601576	0.787293	0.558968	0.714898
0.595176	0.447065	0.660078	0.492412	0.566749	0.533697	0.4403	0.82336	0.575063	0.573992
0.685694	0.608367	0.694924	0.583854	0.662138	0.622845	0.524053	0.615628	0.64011	0.440594
0.556944	0.481064	0.576566	0.537304	0.731381	0.459769	0.462912	0.674848	0.727541	0.656715
0.548886	0.379371	0.447554	0.458249	0.770637	0.464414	0.51424	0.742136	0.62051	0.711102
0.496316	0.436724	0.597796	0.381369	0.482195	0.633544	0.71931	0.738254	0.649227	0.651194
0.59252	0.416143	0.574842	0.358844	0.456203	0.639492	0.545973	0.56009	0.344243	0.463482
0.418198	0.391286	0.668531	0.333468	0.424213	0.541593	0.352278	0.405657	0.374161	0.509255
0.270805	0.307812	0.414821	0.390267	0.540175	0.422478	0.462912	0.626445	0.849937	0.896873
0.267869	0.391286	0.448839	0.391392	0.500185	0.374367	0.581077	0.609839	0.564829	0.745151
0.400823	0.426623	0.392219	0.313712	0.452896	0.384238	0.51275	0.517004	0.389086	0.605414
0.440629	0.541691	0.476737	0.243411	0.542598	0.464414	0.430958	0.479226	0.456479	0.63293
0.325921	0.371056	0.400198	0.303931	0.361706	0.448692	0.347677	0.651025	0.456479	0.607394
0.36593	0.378812	0.482956	0.505399	0.381372	0.328612	0.361106	0.592922	0.324899	0.566705
0.425948	0.440573	0.394484	0.466876	0.530614	0.41946	0.409912	0.516231	0.398179	0.587046
0.408845	0.371606	0.41661	0.388585	0.503133	0.327637	0.522529	0.400892	0.433456	0.54555
0.321169	0.410695	0.441186	0.344957	0.44506	0.406425	0.462249	0.492187	0.389649	0.530334
0.417017	0.293342	0.5095	0.416914	0.419917	0.312801	0.51424	0.455079	0.414564	0.50297
0.376536	0.35489	0.42811	0.449146	0.416874	0.28545	0.451782	0.459802	0.440362	0.484643
0.345965	0.416753	0.432425	0.310895	0.371974	0.346543	0.429114	0.380074	0.51926	0.41565
0.392947	0.490358	0.370735	0.321315	0.552429	0.444849	0.452429	0.267761	0.380731	0.365122
0.38851	0.545777	0.405988	0.41931	0.464244	0.36102	0.511265	0.310807	0.364489	0.426632
0.384118	0.530452	0.413633	0.43026	0.395573	0.271966	0.515735	0.316135	0.347808	0.542122

0.304027	0.403537	0.25779	0.350049	0.282357	0.318961	0.420007	0.332522	0.429735	0.567609
0.39969	0.389563	0.33614	0.229222	0.369792	0.290784	0.375506	0.372795	0.420569	0.399988
0.332662	0.360748	0.45142	0.294365	0.399052	0.432899	0.441561	0.329496	0.353989	0.38132
0.341981	0.349109	0.490679	0.338925	0.350632	0.363129	0.418209	0.338125	0.363958	0.411839
0.391834	0.496911	0.36222	0.384685	0.28638	0.329589	0.324889	0.197845	0.355027	0.491425
0.412912	0.587088	0.354903	0.357279	0.354292	0.389258	0.342118	0.252764	0.492764	0.418209
0.516587	0.575506	0.432425	0.408044	0.526692	0.487708	0.429728	0.422136	0.450608	0.363987
0.480345	0.574627	0.480181	0.515776	0.649522	0.468435	0.383165	0.419654	0.346277	0.354464
0.478984	0.447719	0.41304	0.579489	0.428553	0.348582	0.46825	0.519332	0.467117	0.483896
0.4942	0.608367	0.361693	0.38027	0.378032	0.360495	0.497404	0.455079	0.576793	0.380731
0.498444	0.548247	0.400198	0.403966	0.536964	0.402358	0.473654	0.372795	0.564829	0.43589
0.400256	0.461022	0.666402	0.628156	0.666426	0.351659	0.396617	0.384615	0.477333	0.514831
0.454538	0.357543	0.494236	0.527176	0.550775	0.304413	0.517988	0.414123	0.450608	0.622535
0.465599	0.541691	0.414227	0.460885	0.432936	0.323277	0.430958	0.504042	0.575063	0.507676
0.560209	0.666088	0.567171	0.546868	0.476592	0.41408	0.531755	0.351134	0.497791	0.418209
0.633207	0.610268	0.569713	0.606363	0.691939	0.519079	0.672821	0.364545	0.419361	0.436559
0.521806	0.800885	0.697197	0.770622	0.708237	0.54399	0.789284	0.492187	0.647184	0.64466
0.483081	0.654335	0.715828	0.850354	0.608989	0.513069	0.700572	0.515459	0.6302	0.70485
0.378689	0.653283	0.490679	0.654184	0.63425	0.545596	0.625013	0.592001	0.642119	0.509255
0.581194	0.572876	0.5095	0.588264	0.495072	0.502746	0.731446	0.530364	0.618598	0.587994
0.55939	0.745486	0.533062	0.490992	0.766547	0.596744	0.601576	0.489273	0.623394	0.646827
0.50561	0.692891	0.581777	0.623324	0.657892	0.463082	0.632787	0.423381	0.612912	0.70361
0.54176	0.728903	0.628794	0.535731	0.492899	0.351659	0.640704	0.517004	0.623394	0.514831
0.462971	0.662851	0.490679	0.501027	0.437363	0.364716	0.714549	0.510856	0.602676	0.392061
0.419974	0.536839	0.578296	0.476362	0.66001	0.496956	0.684814	0.566114	0.457137	0.437229
0.39239	0.691741	0.84674	0.660418	0.727643	0.513069	0.707504	0.6166	0.55483	0.67026
0.279304	0.638805	0.731576	0.652125	0.642328	0.489118	0.68703	0.490728	0.673434	0.788072
0.428966	0.588897	0.370735	0.5203	0.492177	0.491952	0.562336	0.434758	0.484979	0.625627
0.475599	0.658572	0.480873	0.547674	0.555757	0.471136	0.641704	0.418419	0.52769	0.445349
0.398559	0.764083	0.557149	0.549292	0.858359	0.549635	0.640704	0.561803	0.4885	0.525378
0.481028	0.686034	0.573126	0.599942	0.725169	0.567025	0.634753	0.473587	0.623394	0.656715
0.551288	0.501335	0.565485	0.643987	0.413251	0.421268	0.682608	0.45307	0.613854	0.767514
0.632239	0.689449	0.507287	0.542857	0.525133	0.483506	0.636728	0.490728	0.780961	0.649005
0.527849	0.564225	0.427497	0.427803	0.42793	0.450626	0.632787	0.37951	0.552366	0.482405
0.52633	0.772303	0.526858	0.531821	0.466278	0.449981	0.539596	0.384044	0.442265	0.665698
0.658145	0.92681	0.737788	0.814591	0.78314	0.601291	0.676059	0.448419	0.668056	0.747884
0.487217	0.710524	0.448196	0.776052	0.507594	0.706266	0.708671	0.620511	0.811099	0.881687
0.560209	0.546599	0.470606	0.59004	0.544221	0.513816	0.650807	0.51162	0.662743	0.605414
0.392947	0.699859	0.563805	0.641977	0.525911	0.552894	0.705181	0.427141	0.507284	0.588943
0.309053	0.725165	0.487151	0.483964	0.607105	0.464414	0.725336	0.543325	0.656453	0.686615
0.598743	0.731414	0.609745	0.808661	0.546668	0.46043	0.752889	0.683845	0.701374	0.747884
0.690092	0.773688	0.500712	0.798475	0.558269	0.487005	0.562336	0.519332	0.697924	0.622535
0.621727	0.679283	0.508023	0.699831	0.495799	0.547207	0.66325	0.563522	0.702529	0.506888
0.390723	0.565941	0.498543	0.723378	0.569326	0.483506	0.538016	0.477102	0.62727	0.510047
0.473581	0.536035	0.510983	0.634025	0.492177	0.627675	0.614544	0.558384	0.849937	0.59953
0.572678	0.472658	0.520742	0.743181	0.617568	0.62477	0.671747	0.602239	0.792197	0.633983
0.593403	0.463732	0.505084	0.72459	0.612781	0.631579	0.464906	0.488548	0.487089	0.40681

0.596956	0.533634	0.399049	0.570888	0.357454	0.473174	0.405823	0.420893	0.481487	0.396922
0.787555	0.474745	0.459256	0.606363	0.334282	0.504206	0.263764	0.352722	0.593575	0.518857
0.859603	0.639823	0.601438	0.467547	0.23359	0.576419	0.450491	0.308886	0.587317	0.46206
0.728182	0.484615	0.506551	0.552545	0.538567	0.586021	0.418209	0.46802	0.569916	0.427943
0.669588	0.440573	0.553859	0.490284	0.475203	0.542391	0.402348	0.414123	0.49205	0.517242
0.657119	0.467829	0.576566	0.544457	0.379699	0.585139	0.520252	0.430933	0.559801	0.44809
0.695653	0.650139	0.64567	0.427803	0.521259	0.713308	0.509047	0.440561	0.427886	0.40122
0.55939	0.578151	0.508023	0.374272	0.432307	0.598557	0.445366	0.561803	0.487794	0.489153
0.497733	0.494716	0.618214	0.536517	0.473127	0.532916	0.423022	0.554148	0.479405	0.496775
0.60234	0.483903	0.653845	0.502479	0.43546	0.503475	0.301405	0.462524	0.51473	0.484643
0.534749	0.439286	0.519983	0.266871	0.419307	0.608667	0.385933	0.473587	0.490627	0.377798
0.404243	0.521045	0.465228	0.282368	0.445708	0.594038	0.503186	0.557534	0.413373	0.415013
0.429572	0.362359	0.427497	0.317022	0.449614	0.584259	0.51275	0.468712	0.428502	0.429257
0.405963	0.449689	0.562131	0.36889	0.445708	0.418259	0.344636	0.470099	0.471175	0.532833
0.448161	0.565941	0.642644	0.554181	0.576273	0.348582	0.423627	0.540048	0.474585	0.499088
0.637102	0.682645	0.485048	0.505399	0.508342	0.429192	0.495971	0.507815	0.399329	0.452929
0.724578	0.593454	0.563805	0.475678	0.643349	0.437263	0.465573	0.559236	0.40688	0.351152
0.72939	0.710524	0.751777	0.498857	0.567607	0.477965	0.381512	0.535987	0.435955	0.432561
1.779335	1.212328	0.947673	0.627185	0.680662	0.498396	0.448562	0.524813	0.413373	0.472114
1.310801	2.31499	0.916365	0.63206	0.851706	0.600378	0.476382	0.651025	0.493478	0.518857
1.499155	1.485436	1.471717	1.111225	0.92138	0.519079	0.763359	0.75266	0.533925	0.749257
2.330242	2.01396	1.478576	1.129328	0.988288	0.856352	0.846297	0.986971	0.820108	0.861636
1.326185	1.517841	1.998501	0.808661	1.407824	1.561684	0.921367	1.390104	1.117753	1.103162
0.981289	1.172323	1.709497	0.855244	0.871017	1.292669	1.516545	1.508998	1.129967	1.910213
1.267452	0.981431	0.918337	0.886791	0.905774	1.177513	1.524114	1.651615	1.475847	1.11345
1.21371	1.169964	0.949884	0.924758	1.702252	2.021785	0.940856	1.340985	1.892306	1.143652
1.355066	1.126218	1.561831	0.913011	0.931178	2.276288	1.646819	2.181157	1.254658	1.173853
0.731817	0.797941	1.97627	1.253282	1.09223	1.31497	2.204257	1.696015	0.975288	0.93734
1.962266	1.449689	1.664961	1.258005	1.288397	1.318789	1.311151	1.848453	1.418061	0.686352
1.348968	1.316046	1.262728	1.367211	1.947166	1.402729	0.984872	0.681583	0.435365	1.052207
1.283125	1.209409	1.17404	1.597545	1.471693	0.832683	0.378294	0.189147	0.236434	1.930606
1.793123	1.135694	1.156356	1.138671	0.680494	0.756589	0.567442	0.283721	0.260077	0.248256
1.026372	0.91705	1.521989	0.222317	0.277897	1.605554	1.42855	1.084184	1.142534	0.254167
0.861488	0.889269	0.444635	0.333476	0.305686	0.82892	1.422465	1.611337	1.025833	0.64
0.441749	2.792111	0.666952	0.555793	1.352155	0.295495	0.292947	0.29231	0.145996	0.429497
0.269356	1.430384	1.036431	1.562755	0.285304	0.290399	0.291673	0.291992	0.218994	0.182495
0.18316	1.40591	0.547844	0.014814	0.153762	1.846015	1.009841	0.599187	2.649473	0.091247
0.140062	0.059256	0.029628	0.022221	0.246961	2.130654	0.906382	1.452109	0.299594	0.045624
0.118513	0.088884	0.044442	0.34016	1.907872	1.407127	2.136684	1.786659	0.149797	0
0.15622	1.273597	0.635879	1.217878	2.945524	1.6575	1.532314	0.702354	0.074898	0
0.218	1.182873	1.615033	1.416455	2.122025	1.889763	1.404708	0.479742	0.133873	0
0.248889	0.233444	0.116722	1.418162	2.777706	2.235053	0.257131	0.192848	2.766294	0
0.370689	0.309789	0.271617	1.303411	1.419868	0.514262	0.128566	0.160707	0.072318	0
0.615611	1.096046	1.615033	1.188661	1.028524	1.186853	0.321414	0.144636	0.152672	0.036159
1.025706	0.955365	1.277994	1.334139	2.656963	2.130654	1.345181	1.156866	2.557507	1.262794
2.983455	1.737754	1.128826	1.571195	1.778821	1.686512	1.012184	1.301548	2.226072	0.956784
1.568482	1.221509	1.183239	1.222994	1.262749	0.945502	1.657067	1.390104	0.650774	0.819018

[illegible]

0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

[illegible]

0.4446	0.344034	0.613028	0.496724	0.476686	0.685358	0.531199	0.525212	0.532981	0.515839
0.589878	0.580096	0.507686	0.579202	0.446555	0.5521	0.480868	0.586109	0.565391	0.447853
0.55295	0.522316	0.382383	0.573839	0.587568	0.562422	0.310172	0.441082	0.520026	0.470066
0.6394	0.609675	0.439555	0.414322	0.545713	0.585665	0.376707	0.449067	0.656705	0.711433
0.479459	0.532943	0.615945	0.454245	0.669976	0.665045	0.733516	0.669048	0.711363	0.634285
0.490998	0.465622	0.539223	0.619703	0.545713	0.488924	0.567125	0.817779	0.339817	0.576007
0.718121	0.686131	0.567957	0.553875	0.603415	0.422915	0.391332	0.627623	0.542116	0.797674
0.711999	0.558505	0.664413	0.424278	0.398385	0.493357	0.391332	0.626611	0.439444	0.537749
0.560603	0.604766	0.505411	0.455596	0.62582	0.649878	0.652594	0.646253	0.35701	0.393838
0.274958	0.586601	0.458828	0.423649	0.664478	0.650944	0.633478	0.635804	0.359759	0.564349
0.33034	0.459291	0.345263	0.319128	0.50983	0.473758	0.616165	0.483288	0.31874	0.495736
0.469608	0.472767	0.490538	0.438353	0.394847	0.467417	0.342432	0.304222	0.248895	0.456741
0.530768	0.44622	0.543332	0.477804	0.61496	0.500846	0.41833	0.530041	0.317737	0.498769
0.429751	0.610663	0.460189	0.498961	0.771772	0.52412	0.508799	0.503364	0.345651	0.463703
0.345756	0.452362	0.397458	0.530748	0.570515	0.305285	0.486757	0.539862	0.414968	0.555589
0.421577	0.50802	0.48257	0.567666	0.626821	0.484537	0.553951	0.496568	0.399586	0.651243
0.40869	0.480765	0.401608	0.423649	0.587568	0.394213	0.483802	0.612686	0.462577	0.640567
0.346279	0.475659	0.30962	0.451556	0.764833	0.426083	0.591897	0.638913	0.530522	0.620978
0.347853	0.458593	0.318383	0.428072	0.491105	0.559819	0.618167	0.428091	0.569841	0.737003
0.289417	0.275776	0.319861	0.381168	0.55326	0.410469	0.462964	0.369514	0.529706	0.608066
0.289417	0.379742	0.448752	0.376632	0.40857	0.327006	0.422145	0.455153	0.607187	0.587987
0.341591	0.434849	0.426744	0.453571	0.461359	0.36287	0.480137	0.552459	0.436143	0.445155
0.431659	0.52151	0.382953	0.372142	0.489642	0.334152	0.518258	0.487669	0.552307	0.500294
0.283485	0.287373	0.34474	0.287223	0.440641	0.488924	0.576136	0.381418	0.540441	0.59363
0.339524	0.436834	0.428009	0.467253	0.369744	0.256596	0.326259	0.288629	0.403228	0.298221
0.42722	0.499509	0.489079	0.377196	0.401356	0.310127	0.465779	0.387787	0.406287	0.324916
0.404478	0.4815	0.389276	0.390385	0.523829	0.397773	0.476503	0.375709	0.365869	0.544459
0.3863	0.491162	0.468448	0.643024	0.613987	0.418518	0.519855	0.327445	0.403228	0.559947
0.399121	0.609675	0.462239	0.63477	0.640046	0.519364	0.515082	0.40081	0.418742	0.495736
0.537223	0.680284	0.519246	0.485708	0.580306	0.450947	0.522261	0.439765	0.53711	0.467934
0.574551	0.440832	0.419856	0.566791	0.506779	0.398369	0.61318	0.522818	0.442769	0.470066
0.533177	0.418651	0.326324	0.460358	0.602467	0.479474	0.593789	0.424269	0.416222	0.449888
0.348906	0.50413	0.431823	0.357864	0.358256	0.424813	0.554817	0.466889	0.558364	0.537749
0.31594	0.473488	0.38639	0.444904	0.32451	0.394804	0.567125	0.424903	0.620051	0.539417
0.435501	0.689678	0.504655	0.446226	0.259669	0.383704	0.635561	0.428732	0.473905	0.429957
0.532373	0.552404	0.554198	0.573839	0.455242	0.347742	0.511145	0.484743	0.525646	0.409659
0.522832	0.513524	0.507686	0.498214	0.411001	0.452296	0.532844	0.414237	0.51764	0.482345
0.483032	0.486676	0.369469	0.525153	0.404347	0.584748	0.573413	0.387204	0.481868	0.501058
0.450552	0.529645	0.414301	0.480662	0.504505	0.576578	0.521457	0.38546	0.594694	0.498769
0.480884	0.500276	0.438905	0.606098	0.538295	0.503118	0.50958	0.350371	0.520825	0.371705
0.507381	0.35543	0.375597	0.429981	0.491839	0.517791	0.527927	0.423002	0.548883	0.397438
0.32532	0.401198	0.365066	0.463792	0.398978	0.607318	0.47578	0.280354	0.478231	0.36327
0.344189	0.593205	0.457471	0.622675	0.590323	0.486725	0.410177	0.250017	0.453586	0.270366
0.478748	0.494179	0.460872	0.608016	0.41406	0.403772	0.437089	0.391888	0.453586	0.306449
0.40688	0.32929	0.370577	0.559855	0.434163	0.487457	0.50958	0.429373	0.639564	0.366064
0.534791	0.406113	0.351588	0.448217	0.412222	0.484537	0.447796	0.477513	0.476784	0.392645
0.490998	0.45305	0.416145	0.537231	0.440641	0.48381	0.441073	0.451762	0.488494	0.431258

0.557185	0.485932	0.433102	0.515728	0.413447	0.522529	0.563573	0.600144	0.570736	0.40904
0.574551	0.455121	0.495686	0.51263	0.39426	0.450274	0.510361	0.423635	0.560985	0.402895
0.511193	0.41046	0.507686	0.600395	0.417759	0.317493	0.279223	0.421109	0.527266	0.396836
0.463391	0.366005	0.476158	0.504226	0.349174	0.49559	0.295136	0.364511	0.528077	0.350105
0.441981	0.359852	0.440857	0.37382	0.343397	0.479474	0.349398	0.497318	0.327868	0.399855
0.453224	0.436172	0.445445	0.368252	0.393088	0.499337	0.282915	0.56368	0.400191	0.298221
0.59635	0.413592	0.483289	0.501209	0.480246	0.44228	0.3676	0.450412	0.43483	0.316333
0.4446	0.432216	0.499401	0.559855	0.552415	0.450947	0.391927	0.435839	0.350483	0.283606
0.450552	0.421202	0.594992	0.429344	0.498498	0.405589	0.362003	0.507185	0.421276	0.363827
0.691809	0.43419	0.48257	0.419894	0.42149	0.62505	0.424066	0.514931	0.411847	0.286864
0.672516	0.415482	0.559307	0.570301	0.517552	0.670593	0.415805	0.461327	0.551448	0.384966
0.600092	0.41171	0.6666	0.64932	0.583922	0.64564	0.445095	0.652645	0.499766	0.402286
0.431022	0.408592	0.660071	0.443586	0.542401	0.47518	0.41267	0.576097	0.534628	0.576917
0.519697	0.440163	0.582166	0.445565	0.472452	0.433782	0.36256	0.543185	0.535453	0.625029
0.617342	0.458593	0.53032	0.441616	0.551572	0.438992	0.470751	0.520437	0.463277	0.485285
0.284393	0.359296	0.543332	0.376632	0.556657	0.572104	0.431833	0.573406	0.281723	0.447853
0.273627	0.325681	0.549986	0.477804	0.657971	0.461858	0.492727	0.586109	0.368674	0.468644
0.382868	0.367699	0.527923	0.531553	0.688054	0.511552	0.483802	0.402014	0.434175	0.5119
0.50511	0.486676	0.462925	0.477093	0.540754	0.584748	0.603376	0.484743	0.446794	0.52625
0.534791	0.390934	0.559307	0.467948	0.544883	0.714009	0.720628	0.701432	0.440771	0.624012
0.359034	0.475659	0.647299	0.469343	0.569636	0.472341	0.454625	0.643092	0.516847	0.622998
0.482315	0.649998	0.75642	0.51186	0.570515	0.275962	0.34137	0.517283	0.446121	0.604169
0.560603	0.81389	0.67323	0.43576	0.544054	0.391268	0.530379	0.501087	0.436801	0.552134
0.437435	0.47784	0.567957	0.407001	0.699747	0.572104	0.592842	0.509495	0.378928	0.544459
0.410508	0.55588	0.594063	0.386328	0.599634	0.528929	0.467903	0.53329	0.405673	0.708957
0.446575	0.46069	0.405798	0.273218	0.43739	0.348273	0.542847	0.630673	0.397776	0.632211
0.457939	0.544685	0.400418	0.431899	0.429685	0.36896	0.520655	0.673529	0.571634	0.565234
0.523619	0.580096	0.401013	0.3633	0.45795	0.41293	0.603376	0.427452	0.467497	0.42096
0.525989	0.561146	0.550826	0.424278	0.684607	0.491874	0.491226	0.390712	0.376628	0.504128
0.511959	0.676812	0.586703	0.526744	0.803694	0.602518	0.670323	0.337716	0.42639	0.541091
0.441329	0.585666	0.567957	0.596634	0.529398	0.581098	0.649349	0.46829	0.53794	0.515048
0.352079	0.554138	0.435028	0.624668	0.489642	0.436379	0.687628	0.363958	0.624086	0.470779
0.414779	0.567371	0.492003	0.581004	0.711763	0.4941	0.710586	0.380844	0.466086	0.478697
0.488084	0.597025	0.457471	0.547977	0.64108	0.405589	0.602408	0.501844	0.568947	0.521414
0.445258	0.716613	0.450749	0.549654	0.565266	0.503118	0.643994	0.396624	0.630211	0.527875
0.422825	0.633	0.392764	0.523568	0.379272	0.408632	0.604347	0.488404	0.555757	0.354449
0.43679	0.442173	0.367262	0.416171	0.363689	0.449602	0.565346	0.574301	0.516056	0.359389
0.477329	0.461391	0.39628	0.525153	0.509065	0.534607	0.527113	0.372319	0.545487	0.35609
0.554639	0.726837	0.623822	0.504983	0.535851	0.48236	0.4816	0.415478	0.621056	0.372274
0.520479	0.552404	0.640019	0.602288	0.531807	0.54703	0.43511	0.487669	0.603305	0.414645
0.574551	0.24529	0.35532	0.556428	0.524621	0.560685	0.593789	0.643092	0.433521	0.393241
0.603866	0.355981	0.395692	0.771828	0.593096	0.605391	0.558298	0.629654	0.411226	0.409659
0.648757	0.634043	0.574116	0.614795	0.450542	0.611196	0.567125	0.604925	0.653439	0.546153
0.542951	0.495695	0.541684	0.564177	0.420866	0.704247	0.476503	0.605888	0.599457	0.430607
0.53157	0.386777	0.522381	0.482098	0.448544	0.521736	0.499542	0.581529	0.463977	0.478697
0.568393	0.455813	0.540862	0.539687	0.523829	0.49559	0.393718	0.480391	0.387661	0.361602
0.579899	0.522316	0.683367	0.342996	0.525413	0.705455	0.519055	0.417971	0.3859	0.499531

0.64666	0.547243	0.632858	0.399207	0.487455	0.582007	0.359232	0.603007	0.409986	0.480882
0.553794	0.576422	0.558451	0.39448	0.640046	0.451621	0.340311	0.529232	0.377776	0.454674
0.544602	0.530467	0.449417	0.346139	0.586654	0.628077	0.628314	0.597301	0.321761	0.430607
0.538037	0.50646	0.484729	0.411868	0.571396	0.452296	0.562689	0.522818	0.525646	0.619971
0.478748	0.407351	0.696088	0.516505	0.622831	0.554658	0.588136	0.671283	0.488494	0.588922
0.556335	0.473488	0.682229	0.41865	0.714207	0.782002	0.715578	0.788934	0.521625	0.649087
0.645616	0.637188	0.512273	0.452898	0.634911	0.538708	0.49878	0.619593	0.486274	0.626048
0.48375	0.619663	0.420478	0.378894	0.598694	0.377974	0.541164	0.499575	0.386487	0.498769
0.541307	0.589419	0.419856	0.454245	0.664478	0.427995	0.348859	0.357928	0.484066	0.619971
0.588961	0.638241	0.643124	0.602288	0.62085	0.433782	0.460864	0.476081	0.475342	0.546153
0.563184	0.383245	0.438905	0.521201	0.604366	0.481636	0.476503	0.595415	0.486274	0.559072
0.485912	0.556753	0.573231	0.533977	0.441948	0.388927	0.519055	0.492096	0.542116	0.628092
0.551267	0.580096	0.618882	0.628681	0.632874	0.460479	0.579793	0.614649	0.579795	0.611998
0.538037	0.631959	0.567084	0.702071	0.710546	0.401363	0.656959	0.484015	0.633307	0.515839
0.583501	0.792312	0.620852	0.581908	0.647337	0.502359	0.753595	0.374576	0.513691	0.476523
0.588961	0.690867	0.464299	0.640946	0.730435	0.666149	0.543691	0.47967	0.58163	0.670018
0.458617	0.528825	0.481137	0.62969	0.600577	0.622044	0.648273	0.468993	0.585322	0.65341
0.451218	0.50413	0.550826	0.706871	0.443916	0.616093	0.673729	0.516497	0.613077	0.513471
0.486634	0.737308	0.583975	0.636819	0.565266	0.506166	0.559173	0.515714	0.615058	0.430607
0.547089	0.884051	0.573231	0.579202	0.671084	0.531353	0.639757	0.421739	0.526455	0.610027
0.64666	0.524746	0.544986	0.609942	0.61496	0.485265	0.636606	0.445056	0.589047	0.571486
0.361739	0.32774	0.515359	0.758036	0.472452	0.59401	0.597599	0.526816	0.49447	0.450569
0.442634	0.608688	0.510739	0.771828	0.506779	0.492615	0.577961	0.515714	0.606213	0.319847
0.526782	0.673369	0.460872	0.592906	0.464106	0.459791	0.592842	0.393658	0.497488	0.335234
0.700009	0.604766	0.472637	0.663281	0.656896	0.730356	0.603376	0.447057	0.595642	0.514259
0.767698	0.456506	0.486898	0.593835	0.657971	0.920168	0.523872	0.654796	0.626119	0.587054
0.528372	0.367133	0.492737	0.562443	0.42149	0.620051	0.649349	0.675787	0.671148	0.671148
0.589878	0.686131	0.646251	0.778891	0.561802	0.62909	0.486757	0.650503	0.424465	0.422872
0.668099	0.489661	0.591289	0.833454	0.47035	0.758135	0.603376	0.603965	0.590921	0.463703
0.805205	0.519098	0.681094	0.841605	0.62085	0.707882	0.394916	0.502603	0.788457	0.624012
0.490998	0.491914	0.645206	0.606098	0.561802	0.779125	0.575226	0.575198	0.731658	0.711433
0.528372	0.438163	0.59779	0.531553	0.455917	0.630107	0.408936	0.774489	0.592803	0.514259
0.537223	0.513524	0.489808	0.62667	0.475978	0.720224	0.497258	0.790406	0.58163	0.504128
0.700009	0.554138	0.534344	0.786072	0.556657	0.706667	0.597599	0.626611	0.428969	0.552995
0.61832	0.443518	0.616922	0.499709	0.349703	0.62909	0.483802	0.603965	0.56011	0.537749
0.545429	0.419287	0.61206	0.514951	0.521465	0.566796	0.543691	0.574301	0.64698	0.594577
0.655109	0.591308	0.684508	0.674335	0.46687	0.678481	0.665823	0.700233	0.475342	0.604169
0.546259	0.43551	0.665505	0.639911	0.584831	0.801181	0.666943	0.55933	0.348866	0.449888
0.656177	0.398761	0.712836	0.630701	0.624821	0.726529	0.480868	0.640997	0.491472	0.567011
0.760842	0.609675	0.785701	0.454245	0.632874	0.597771	0.439077	0.610733	0.718863	0.727881
0.615391	0.406731	0.613028	0.487161	0.473155	0.456368	0.434453	0.633745	0.526455	0.656682
0.59635	0.426998	0.503147	0.465865	0.449875	0.534607	0.354287	0.672405	0.526455	0.488246
0.59264	0.478569	0.613028	0.573839	0.661212	0.64564	0.363675	0.623589	0.618047	0.610027
0.511959	0.361521	0.646251	0.660019	0.720377	0.538708	0.426639	0.767443	0.673413	0.677991
0.719355	0.554138	0.692581	0.43254	0.60915	0.427995	0.427285	0.526013	0.527266	0.74632
0.709575	0.514316	0.694916	0.495239	0.605318	0.568559	0.501838	0.538209	0.476784	0.690824
0.569268	0.511944	0.631845	0.547977	0.60723	0.837338	0.746799	0.699037	0.568055	0.658876

0.565781	0.514316	0.723954	0.541332	0.624821	0.614128	0.486757	0.787468	0.555757	0.782789
0.519697	0.45305	0.751059	0.651439	0.716664	0.396583	0.458774	0.824103	0.748877	0.837284
0.560603	0.4793	0.641051	0.474259	0.546545	0.52412	0.519055	0.660223	0.676833	0.627069
0.696476	0.428297	0.472637	0.430619	0.615937	0.668365	0.628314	0.60205	0.428323	0.4109
0.513496	0.438163	0.540042	0.465865	0.732987	0.746012	0.587201	0.599194	0.372633	0.690824
0.547089	0.440163	0.721458	0.572066	0.63186	0.693521	0.564458	0.726137	0.452219	0.539417
0.598217	0.443518	0.693747	0.444904	0.562665	0.391268	0.668067	0.665717	0.507447	0.514259
0.597282	0.554138	0.681094	0.366595	0.47105	0.548713	0.648273	0.53329	0.508223	0.628092
0.562322	0.536265	0.701995	0.504983	0.771772	0.6404	0.637654	0.576097	0.436143	0.554723
0.538037	0.683783	0.896878	0.492284	0.742036	0.636253	0.550504	0.684938	0.495222	0.694391
0.588046	0.640355	0.79151	0.435114	0.696206	0.459791	0.52468	0.841986	0.607187	0.667767
0.5356	0.436834	0.628819	0.51263	0.608189	0.510006	0.463666	0.661316	0.643786	0.671148
0.633272	0.478569	0.495686	0.342474	0.566137	0.609253	0.603376	0.512593	0.554029	0.622998
0.645616	0.554138	0.613998	0.424908	0.667769	0.598716	0.456695	0.603965	0.56011	0.610027
0.409901	0.415482	0.723954	0.609942	0.602467	0.618068	0.543691	0.60205	0.651275	0.819409
0.468219	0.601847	0.668799	0.62969	0.720377	0.538708	0.647199	0.628637	0.763999	0.711433
0.451886	0.644615	0.496426	0.452227	0.637985	0.655234	0.676015	0.561934	0.621056	0.569691
0.433576	0.414221	0.527127	0.420518	0.700934	0.64564	0.725738	0.487669	0.476784	0.443812
0.655109	0.532943	0.549986	0.608016	0.814364	0.634195	0.574319	0.5779	0.509778	0.586122
0.451886	0.586601	0.536777	0.587372	0.727899	0.593075	0.628314	0.705049	0.712604	0.764172
0.460656	0.572779	0.663323	0.759395	0.703317	0.459104	0.681783	0.671283	0.436143	0.652326
0.512727	0.605743	0.540042	0.51963	0.522251	0.568559	0.763293	0.522023	0.454957	0.5119
0.576326	0.492668	0.537591	0.486434	0.611078	0.387179	0.648273	0.414237	0.471045	0.573289
0.520479	0.573687	0.573231	0.514176	0.629837	0.445593	0.581634	0.465491	0.632272	0.655588
0.606719	0.719147	0.648349	0.520415	0.647337	0.542018	0.710586	0.60782	0.594694	0.602234
0.569268	0.732041	0.531122	0.657858	0.479532	0.44228	0.620177	0.673529	0.593748	0.486024
0.475915	0.634043	0.334924	0.325599	0.440641	0.484537	0.672591	0.455835	0.505129	0.34367
0.505866	0.621688	0.472637	0.501962	0.594024	0.47518	0.559173	0.470401	0.484066	0.408421
0.517361	0.793818	0.567084	0.721598	0.744657	0.473758	0.620177	0.614649	0.665536	0.617964
0.429751	0.644615	0.61206	0.747309	0.55751	0.488924	0.695946	0.570732	0.622064	0.495736
0.451886	0.656548	0.443473	0.488619	0.407359	0.430558	0.608251	0.407472	0.568947	0.383797
0.406278	0.574597	0.411245	0.45492	0.465486	0.64564	0.635561	0.428732	0.511339	0.432562
0.313991	0.654354	0.506168	0.614795	0.676668	0.528124	0.601442	0.418597	0.677979	0.552995
0.430386	0.694453	0.585792	0.585543	0.548214	0.532977	0.583482	0.429373	0.661098	0.477971
0.517361	0.767475	0.629825	0.686828	0.386125	0.488924	0.679467	0.361207	0.449498	0.527062
0.494667	0.677966	0.553353	0.666568	0.442603	0.503118	0.543691	0.521229	0.424465	0.49725
0.587134	0.609675	0.523169	0.672102	0.767595	0.715245	0.501838	0.534924	0.583472	0.513471
0.528372	0.719147	0.557597	0.831842	0.734268	0.688837	0.63244	0.52762	0.7654	0.504128
0.567521	0.621688	0.681094	0.759395	0.526207	0.687674	0.564458	0.58888	0.730362	0.54956
0.606719	0.538774	0.683367	0.835072	0.488912	0.55723	0.653682	0.682632	0.658896	0.47436
0.632259	0.556753	0.519246	0.579202	0.554107	0.570328	0.553951	0.653719	0.553167	0.536918
0.493931	0.492668	0.492003	0.648264	0.542401	0.647754	0.410799	0.379126	0.48998	0.528689
0.563184	0.523934	0.513043	0.717869	0.419621	0.57838	0.553086	0.558465	0.543798	0.490479
0.484469	0.605743	0.454097	0.51186	0.301646	0.731639	0.560927	0.546535	0.627138	0.532784
0.664815	0.448258	0.549986	0.560716	0.543227	0.571215	0.570707	0.714845	0.488494	0.566122
0.65832	0.46069	0.466368	0.482098	0.461359	0.52412	0.564458	0.699037	0.396574	0.499531
0.649809	0.528825	0.523169	0.513403	0.521465	0.59401	0.505692	0.663511	0.518434	0.737003

0.508902	0.494936	0.575892	0.628681	0.453894	0.681906	0.554817	0.887434	0.56011	0.816236
0.565781	0.378001	0.679962	0.457631	0.523829	0.796679	0.506466	0.639954	0.49447	0.649087
0.675859	0.576422	0.703187	0.482817	0.480246	0.618068	0.602408	0.572513	0.444777	0.459512
0.711999	0.536265	0.634892	0.361662	0.417759	0.463241	0.460864	0.529232	0.520825	0.524632
0.628231	0.440832	0.626814	0.426804	0.536664	0.673956	0.52549	0.534106	0.394777	0.6032
0.524407	0.564692	0.731527	0.51963	0.468259	0.821247	0.730908	0.711146	0.465382	0.535259
0.623247	0.573687	0.800371	0.603237	0.510596	0.558954	0.59569	0.670164	0.48998	0.642681
0.369957	0.50646	0.6666	0.710506	0.774579	0.502359	0.583482	0.421109	0.516056	0.597433
0.542951	0.566476	0.691419	0.476383	0.624821	0.522529	0.672591	0.640997	0.546333	0.596479
0.60292	0.523934	0.693747	0.448883	0.666669	0.429916	0.576136	0.61662	0.546333	0.642681
0.515038	0.568268	0.559307	0.553875	0.831679	0.584748	0.727024	0.724868	0.510558	0.552995
0.676979	0.729431	0.49127	0.522778	0.744657	0.606354	0.828143	0.539862	0.502057	0.637414
0.493196	0.50413	0.561884	0.478517	0.496267	0.327513	0.562689	0.40021	0.466086	0.557327
0.512727	0.633	0.771511	0.564177	0.554955	0.437031	0.590012	0.471814	0.446794	0.569691
0.626231	0.592256	0.617901	0.558995	0.745973	0.504639	0.839681	0.52762	0.558364	0.587987
0.587134	0.686131	0.470537	0.571183	0.692693	0.48819	0.704426	0.628637	0.535453	0.694391
0.493931	0.549816	0.466368	0.635793	0.802191	0.710323	0.654771	0.423635	0.5985	0.667767
0.425959	0.563803	0.442163	0.640946	0.621839	0.555514	0.532844	0.509495	0.5059	0.456741
0.508902	0.726837	0.551666	0.532359	0.627824	0.467417	0.812175	0.639954	0.635382	0.419056
0.477329	0.743982	0.679962	0.618717	0.673309	0.511552	0.753595	0.521229	0.653439	0.631177
0.547922	0.686131	0.450749	0.498961	0.590323	0.545353	0.594738	0.477513	0.642727	0.629118
0.448559	0.606723	0.434385	0.521201	0.747294	0.676212	0.568913	0.501087	0.540441	0.505671
0.569268	0.70786	0.39628	0.721598	0.522251	0.513103	0.572509	0.497318	0.548883	0.363827
0.667001	0.786339	0.511505	0.670989	0.48528	0.48236	0.661368	0.560196	0.506673	0.339431
0.684902	0.735985	0.393348	0.658938	0.539933	0.466718	0.487499	0.408082	0.665536	0.546153
0.60959	0.682613	0.524748	0.622675	0.466177	0.513103	0.422785	0.416723	0.436801	0.556457
0.351018	0.664317	0.541684	0.550495	0.418999	0.531353	0.581634	0.522818	0.434175	0.498009
0.499857	0.749397	0.48257	0.556428	0.436096	0.458419	0.504146	0.627623	0.579795	0.472208
0.521262	0.623723	0.60155	0.881204	0.652621	0.752705	0.587201	0.56368	0.589983	0.350105
0.694136	0.448939	0.572348	0.706871	0.672195	0.784898	0.753595	0.625602	0.809688	0.604169
0.635305	0.582872	0.587617	0.636819	0.60915	0.714009	0.515082	0.643092	0.69079	0.662189
0.678102	0.61564	0.663323	0.617733	0.469652	0.598716	0.489731	0.525212	0.515266	0.527875
0.755434	0.626793	0.544158	0.584632	0.364783	0.577478	0.35868	0.55588	0.459097	0.390861
0.691809	0.467754	0.429276	0.529142	0.531002	0.571215	0.441073	0.473943	0.513691	0.40904
0.645616	0.528825	0.548313	0.572952	0.606273	0.54703	0.473617	0.597301	0.611105	0.517425
0.613449	0.523125	0.653638	0.452227	0.590323	0.650944	0.621186	0.624594	0.634343	0.779873
0.628231	0.509585	0.582166	0.419272	0.45255	0.631125	0.532844	0.664613	0.487013	0.630147
0.703572	0.457896	0.497911	0.520415	0.425884	0.611196	0.542005	0.731251	0.454957	0.486024
0.607674	0.428297	0.731527	0.654637	0.735553	0.782002	0.560049	0.733831	0.442102	0.58334
0.311084	0.253039	0.616922	0.670989	0.808235	0.572995	0.602408	0.74964	0.594694	0.761377
0.449887	0.379161	0.583975	0.41865	0.639014	0.571215	0.709347	0.766047	0.615058	0.814659
0.858011	0.593205	0.640019	0.390385	0.586654	0.473049	0.676015	0.674657	0.544642	0.642681
0.743508	0.557628	0.80638	0.478517	0.751279	0.455007	0.437089	0.468993	0.374912	0.584266
0.522046	0.425704	0.683367	0.546306	0.622831	0.426083	0.558298	0.654796	0.398379	0.578743
0.508141	0.516701	0.599666	0.433182	0.601521	0.446259	0.622197	0.79485	0.484801	0.595527
0.614419	0.590363	0.500895	0.542157	0.666669	0.57838	0.669194	0.561934	0.462577	0.531141
0.781743	0.573687	0.668799	0.540509	0.770375	0.754056	0.631405	0.425539	0.258835	0.460905

0.800708	0.597985	0.765962	0.547141	0.822149	0.532977	0.603376	0.530041	0.463977	0.711433
0.552108	0.635089	0.800371	0.609942	0.738135	0.591211	0.697147	0.806928	0.640616	0.622998
0.532373	0.761832	0.558451	0.611877	0.639014	0.429916	0.578876	0.634773	0.667772	0.622998
0.742202	0.722975	0.516133	0.414322	0.697383	0.579284	0.738781	0.494326	0.579795	0.491975
0.711999	0.833278	0.709192	0.556428	0.848042	0.589354	0.746799	0.578805	0.442102	0.638463
0.568393	0.750761	0.745764	0.770428	0.773173	0.499337	0.686453	0.649437	0.600415	0.695586
0.571901	0.748037	0.751059	0.853279	0.749946	0.602518	0.669194	0.719828	0.636424	0.567903
0.678102	0.853573	0.677706	0.655708	0.595886	0.672832	0.606294	0.580619	0.814376	0.534433
0.675859	0.681447	0.456794	0.646161	0.78744	0.720224	0.784832	0.457886	0.523229	0.456051
0.539669	0.767475	0.481137	0.899616	1.045109	0.670593	0.622197	0.454473	0.589983	0.613977
0.56665	0.809175	0.588532	0.800799	0.705713	0.417894	0.653682	0.539035	0.540441	0.640567
0.499112	0.546388	0.62184	0.7635	0.541577	0.726529	0.710586	0.695469	0.676833	0.642681
0.692971	0.535432	0.448752	0.596634	0.602467	0.712777	0.650428	0.689587	0.798943	0.498009
0.74613	0.662083	0.552509	0.608978	0.480962	0.675083	0.518258	0.550758	0.743506	0.571486
0.766318	0.912843	0.728988	0.911049	0.645241	0.673956	0.678313	0.514151	0.771051	0.529505
0.576326	1.015325	0.923781	0.662191	0.461359	0.722735	0.767516	0.460636	0.677979	0.52302
0.637348	0.716613	0.741835	0.661104	0.427147	0.65848	0.654771	0.680339	0.639564	0.422234
0.669199	0.817061	0.75642	0.73298	0.594954	0.747342	0.573413	0.624594	0.682594	0.498009
0.644574	0.752129	0.590368	0.638878	0.526207	0.70184	0.596643	0.628637	0.621056	0.622998
0.721835	0.70786	0.628819	0.591053	0.361507	0.62909	0.628314	0.739037	0.632272	0.562582
0.79922	0.706624	0.829687	0.569421	0.441294	0.65848	0.623211	0.689587	0.414968	0.378574
0.831606	0.524746	0.628819	0.508026	0.532612	0.678481	0.693553	0.805399	0.399586	0.533607
0.705963	0.360964	0.647299	0.868766	0.84472	0.814973	0.617165	0.717329	0.572533	0.683777
0.734452	0.556753	0.652575	0.638878	0.568759	0.816533	0.620177	0.774489	0.542957	0.642681
0.733174	0.555008	0.559307	0.436406	0.491105	0.770607	0.465779	0.571621	0.499766	0.434526
0.634288	0.4815	0.703187	0.498961	0.537479	0.669478	0.427932	0.713609	0.446794	0.533607
0.611515	0.423126	0.637961	0.609942	0.75936	0.492615	0.60532	0.756401	0.542957	0.508775
0.608631	0.455121	0.80487	0.870521	0.92641	0.720224	0.494232	0.770248	0.619047	0.727881
0.783173	0.520704	0.575003	0.730425	0.703317	0.790749	0.547937	0.740348	0.607187	0.65341
0.581696	0.485932	0.658992	0.388642	0.407359	0.70184	0.547937	0.612686	0.605242	0.70527
0.733174	0.625768	0.745764	0.61382	0.691529	0.576578	0.733516	0.564555	0.570736	0.782789
0.495405	0.585666	0.645206	0.689139	0.97052	0.579284	0.598556	0.383146	0.404449	0.673417
0.564914	0.682613	0.812474	0.579202	0.808235	0.508466	0.571607	0.561064	0.425106	0.555589
0.709575	0.836595	0.844296	0.548814	0.695032	0.480193	0.631405	0.788934	0.532981	0.5119
0.698828	0.846702	0.633874	0.448217	0.788893	0.589354	0.630372	0.513371	0.457022	0.611012
0.574551	0.774634	0.668799	0.441616	0.695032	0.635223	0.848114	0.405037	0.484066	0.816236
0.556335	0.607704	0.626814	0.585543	0.685753	0.588429	0.609232	0.638913	0.636424	0.749019
0.661555	0.694453	0.714057	0.643024	0.602467	0.508466	0.616165	0.655876	0.635382	0.740971
0.796258	0.784859	0.681094	0.545473	0.736842	0.452972	0.621186	0.790406	0.572533	0.774097
0.597282	0.7091	0.565344	0.62969	0.768983	0.633169	0.752227	0.565432	0.580711	0.811521
0.487359	0.535432	0.520028	0.538048	0.639014	0.568559	0.737459	0.406862	0.515266	0.587987
0.573666	0.562915	0.650457	0.622675	0.45188	0.338808	0.601442	0.453794	0.538772	0.558198
0.478038	0.698069	0.710403	0.450886	0.520679	0.374007	0.680623	0.630673	0.617048	0.495736
0.502101	0.637188	0.529519	0.362208	0.667769	0.477322	0.624227	0.507185	0.48041	0.568796
0.502101	0.717878	0.526332	0.495239	0.740732	0.497085	0.750864	0.431303	0.574337	0.796162
0.388026	0.538774	0.558451	0.715401	0.740732	0.551251	0.666943	0.440423	0.414342	0.634285
0.381162	0.613642	0.493472	0.592906	0.586654	0.473049	0.748149	0.608789	0.583472	0.431258

0.446575	0.61564	0.483289	0.541332	0.758003	0.592142	0.802868	0.550758	0.516056	0.426078
0.477329	0.622704	0.470537	0.70088	0.784549	0.6404	0.677163	0.432594	0.591861	0.794656
0.424703	0.46918	0.435672	0.630701	0.583015	0.654158	0.635561	0.379126	0.622064	0.700401
0.448559	0.534601	0.524748	0.616752	0.486004	0.535424	0.423425	0.397219	0.708891	0.553858
0.478748	0.732041	0.509974	0.528341	0.451211	0.368403	0.592842	0.494326	0.706434	0.566122
0.500604	0.738634	0.499401	0.63477	0.678921	0.443602	0.679467	0.597301	0.664422	0.578743
0.625234	0.599911	0.539223	0.699691	0.729165	0.450947	0.704426	0.426176	0.530522	0.622998
0.491729	0.55327	0.545815	0.769034	0.749946	0.789279	0.792256	0.444391	0.516847	0.527875
0.509664	0.714094	0.520028	0.625668	0.488912	0.565918	0.637654	0.566311	0.618047	0.516631
0.62424	0.790811	0.560164	0.530748	0.568759	0.574783	0.763293	0.54069	0.530522	0.342606
0.559746	0.748037	0.512273	0.656782	0.572279	0.559819	0.621186	0.483288	0.500529	0.347412
0.518138	0.726837	0.582166	0.710506	0.591245	0.670593	0.646128	0.600144	0.729069	0.483813
0.513496	0.69686	0.6666	0.704465	0.529398	0.6947	0.639757	0.611709	0.667772	0.689641
0.454566	0.771756	0.537591	0.576512	0.447217	0.513103	0.460166	0.504125	0.476784	0.466519
0.419713	0.514316	0.385816	0.518065	0.486729	0.70184	0.71936	0.579711	0.562742	0.543615
0.704766	0.570969	0.363427	0.534788	0.695032	0.896991	0.742771	0.643092	0.735572	0.51822
0.625234	0.55588	0.46706	0.62969	0.654753	0.862652	0.585338	0.757766	0.687259	0.617964
0.533177	0.637188	0.642086	0.610908	0.45255	0.588429	0.550504	0.620589	0.508223	0.625029
0.635305	0.745329	0.567084	0.566791	0.478107	0.729076	0.560049	0.620589	0.68961	0.638463
0.657247	0.626793	0.516133	0.916881	0.646288	0.697067	0.610216	0.626611	0.560985	0.575099
0.82054	0.540454	0.60155	0.653568	0.562665	0.654158	0.805948	0.643092	0.580711	0.578743
0.641462	0.561146	0.690259	0.620692	0.508302	0.754056	0.679467	0.73773	0.716348	0.799191
0.631249	0.582872	0.697263	0.675456	0.496267	0.736811	0.652594	0.862373	0.576149	0.590799
0.647707	0.737308	0.583975	0.751301	0.569636	0.711548	0.600478	0.708697	0.534628	0.470779
0.718121	0.466332	0.470537	0.657858	0.535039	0.754056	0.426639	0.675787	0.691974	0.433871
0.655109	0.440832	0.531925	0.552182	0.574938	0.681906	0.563573	0.579711	0.657799	0.624012
0.595419	0.532116	0.735364	0.654637	0.551572	0.610223	0.636606	0.819351	0.554029	0.661082
0.631249	0.398154	0.615945	0.525948	0.460675	0.520944	0.494987	0.816212	0.530522	0.528689
0.725582	0.472767	0.537591	0.518065	0.50754	0.711548	0.531199	0.635804	0.643786	0.585193
0.647707	0.367133	0.644164	0.68453	0.742036	0.759503	0.477953	0.639954	0.574337	0.613977
0.501352	0.541297	0.782826	0.59851	0.78311	0.567677	0.543691	0.55588	0.626119	0.761377
0.613449	0.594157	0.739235	0.541332	0.588485	0.541188	0.576136	0.610733	0.499006	0.659977
0.84626	0.527188	0.611094	0.585543	0.56094	0.76502	0.704426	0.557602	0.445448	0.450569
0.691809	0.399369	0.644164	0.636819	0.630847	0.679619	0.501838	0.463404	0.463277	0.505671
0.608631	0.462093	0.586703	0.627674	0.594024	0.601564	0.470037	0.797838	0.72778	0.651243
0.64043	0.605743	0.689103	0.485708	0.677793	0.637286	0.618167	0.800847	0.655614	0.699192
0.733174	0.701715	0.739235	0.517284	0.453894	0.485994	0.562689	0.672405	0.460486	0.631177
0.707164	0.627822	0.643124	0.664374	0.412222	0.656313	0.587201	0.631694	0.484066	0.552995
0.823673	0.522316	0.734081	0.661104	0.598694	0.722735	0.546233	0.670164	0.597545	0.477971
0.705963	0.44622	0.630834	0.679969	0.582111	0.706667	0.519055	0.631694	0.627138	0.543615
0.528372	0.493423	0.727724	0.518065	0.535851	0.581098	0.397926	0.566311	0.450856	0.648013
0.604815	0.653261	0.630834	0.612847	0.45188	0.618068	0.381916	0.557602	0.411847	0.542772
0.607674	0.610663	0.665505	0.8023	0.664478	0.81967	0.558298	0.627623	0.368112	0.41653
0.802202	0.311538	0.490538	0.561578	0.653686	0.763634	0.43118	0.626611	0.358108	0.552995
0.69065	0.412337	0.450082	0.566791	0.716664	0.655234	0.417066	0.766047	0.607187	0.708957
0.632259	0.574597	0.731527	0.523568	0.515221	0.610223	0.455314	0.708697	0.444107	0.655588
0.696476	0.665438	0.59779	0.51186	0.511363	0.675083	0.523066	0.645196	0.481868	0.624012

0.613449	0.394529	0.452085	0.602288	0.56008	0.76502	0.52468	0.693107	0.42639	0.494228
0.710785	0.369399	0.471236	0.66988	0.554955	0.747342	0.435769	0.640997	0.484066	0.456051
0.720594	0.64676	0.606296	0.581908	0.78311	0.729076	0.460166	0.572513	0.632272	0.619971
0.734452	0.438163	0.821778	0.497468	0.706917	0.594947	0.575226	0.786007	0.545487	0.654498
0.774664	0.45999	0.709192	0.72662	0.57851	0.638322	0.574319	0.783099	0.459097	0.485285
0.700009	0.462093	0.794444	0.836696	0.549051	0.676212	0.523872	0.653719	0.425106	0.591741
0.751422	0.666562	0.844296	0.771828	0.660129	0.543682	0.560049	0.760509	0.529706	0.562582
0.708367	0.698069	0.745764	0.537231	0.63186	0.54619	0.399741	0.764656	0.544642	0.612987
0.791852	0.519901	0.71651	0.655708	0.693861	0.521736	0.444422	0.781652	0.495222	0.681454
0.791852	0.576422	0.647299	0.64932	0.626821	0.461858	0.430529	0.73773	0.425106	0.618966
0.634288	0.4815	0.661152	0.622675	0.570515	0.616093	0.450515	0.560196	0.411847	0.684944
0.584406	0.578255	0.701995	0.470742	0.705713	0.560685	0.409556	0.558465	0.428969	0.560824
0.547089	0.575509	0.834502	0.540509	0.81591	0.499337	0.450515	0.562806	0.541278	0.796162
0.743508	0.622704	0.730256	0.498961	0.573164	0.665045	0.582557	0.583355	0.607187	0.611998
0.752755	0.546388	0.682229	0.57562	0.651559	0.855756	0.860203	0.742983	0.516847	0.534433
0.574551	0.583801	0.588532	0.643024	0.573164	0.615109	0.542005	0.773071	0.492219	0.535259
0.586223	0.452362	0.569708	0.352495	0.583015	0.452296	0.41267	0.534924	0.505129	0.542772
0.686045	0.5371	0.665505	0.510322	0.519895	0.366181	0.444422	0.61662	0.621056	0.720212
0.733174	0.512733	0.557597	0.533168	0.660129	0.568559	0.618167	0.598247	0.455644	0.541091
0.696476	0.513524	0.731527	0.556428	0.540754	0.650944	0.65151	0.793363	0.527266	0.682614
0.628231	0.55588	0.620852	0.555575	0.59682	0.517006	0.579793	0.828908	0.591861	0.731767
0.411724	0.439495	0.651515	0.562443	0.744657	0.543682	0.562689	0.711146	0.635382	0.722754
0.642497	0.453739	0.712836	0.529142	0.50983	0.436379	0.536153	0.561064	0.479682	0.640567
0.657247	0.421202	0.731527	0.612847	0.774579	0.679619	0.526301	0.506418	0.369802	0.486024
0.561462	0.463502	0.845949	0.748636	0.833288	0.584748	0.491976	0.581529	0.430914	0.503359
0.48375	0.449622	0.698441	0.467253	0.809759	0.571215	0.550504	0.841986	0.653439	0.627069
0.477329	0.400587	0.646251	0.350898	0.619863	0.532977	0.555684	0.598247	0.629185	0.814659
0.751422	0.622704	0.677706	0.506502	0.57405	0.690003	0.567125	0.519646	0.535453	0.765576
0.636325	0.55327	0.792974	0.490081	0.758003	0.977333	0.926275	0.731251	0.478231	0.656682
0.357419	0.455121	0.753731	0.558995	0.800693	0.691173	0.64506	0.840329	0.520825	0.72403
0.374404	0.371676	0.650457	0.446889	0.712983	0.559819	0.619171	0.658044	0.366428	0.643742
0.59264	0.61464	0.698441	0.456273	0.513673	0.486725	0.673729	0.620589	0.492968	0.674556
0.83321	0.488166	0.691419	0.423021	0.612045	0.548713	0.559173	0.610733	0.530522	0.665527
0.664815	0.562915	0.777132	0.663281	0.865046	0.730356	0.611202	0.707478	0.476784	0.739644
0.593564	0.643546	0.635913	0.493021	0.780248	0.609253	0.834699	0.808461	0.615058	0.84397
0.701194	0.730734	0.632858	0.423021	0.766212	0.773428	0.989837	0.806928	0.672279	0.754468
0.560603	0.676812	0.587617	0.448217	0.645241	0.711548	0.79981	0.594476	0.432215	0.527062
0.562322	0.562915	0.636936	0.344041	0.527003	0.438992	0.566235	0.675787	0.392987	0.572386
0.420333	0.419924	0.635913	0.416171	0.61496	0.491874	0.542005	0.805399	0.56011	0.628092
0.448559	0.459291	0.556745	0.564177	0.703317	0.515441	0.619171	0.638913	0.616052	0.661082
0.530768	0.669952	0.438257	0.448217	0.502243	0.333637	0.536153	0.503364	0.544642	0.656682
0.415393	0.524746	0.429276	0.383454	0.675545	0.366736	0.590953	0.654796	0.527266	0.619971
0.478748	0.501814	0.623822	0.444244	0.806716	0.48966	0.563573	0.670164	0.516847	0.772665
0.372731	0.399977	0.494209	0.627674	0.654753	0.445593	0.655864	0.54069	0.568055	0.892017
0.287126	0.477112	0.46984	0.528341	0.527003	0.446925	0.673729	0.568074	0.740845	0.683777
0.453224	0.623723	0.527923	0.437054	0.511363	0.457051	0.820086	0.544857	0.53134	0.487504
0.481599	0.455121	0.39628	0.360031	0.515221	0.506166	0.767516	0.521229	0.447468	0.641623

0.404478	0.502585	0.523957	0.469343	0.50375	0.469521	0.576136	0.448396	0.376055	0.689641
0.344189	0.425058	0.430548	0.502715	0.473155	0.417894	0.444422	0.48914	0.485537	0.462301
0.336953	0.399369	0.290296	0.351962	0.415906	0.375703	0.457387	0.459947	0.562742	0.552995
0.255832	0.292575	0.345787	0.376068	0.464795	0.413547	0.546233	0.386041	0.481868	0.447177
0.381162	0.388553	0.387542	0.465865	0.635933	0.401964	0.47868	0.409919	0.523229	0.547002
0.386874	0.357083	0.336459	0.458311	0.466177	0.332098	0.544537	0.304222	0.408749	0.613977
0.239555	0.404263	0.396869	0.51963	0.377011	0.337769	0.472899	0.343471	0.470333	0.397438
0.331351	0.368831	0.376721	0.346665	0.386701	0.477322	0.409556	0.416723	0.492219	0.327986
0.415393	0.568268	0.369469	0.389803	0.565266	0.516223	0.642931	0.490615	0.465382	0.427367
0.375523	0.558505	0.386966	0.391551	0.556657	0.447593	0.72961	0.390712	0.445448	0.532784
0.306281	0.536265	0.38639	0.540509	0.417759	0.41293	0.451197	0.408082	0.368112	0.447177
0.427851	0.466332	0.340063	0.381738	0.515996	0.384281	0.445095	0.320896	0.469623	0.377421
0.3863	0.428297	0.231732	0.324097	0.347591	0.279577	0.453251	0.403221	0.362525	0.309391
0.350489	0.549816	0.515359	0.410036	0.440641	0.338808	0.467194	0.410533	0.25971	0.353359
0.424076	0.535432	0.521595	0.416171	0.284912	0.307699	0.480137	0.388955	0.304911	0.418423
0.385726	0.706624	0.527923	0.527542	0.365332	0.365628	0.395516	0.38546	0.392987	0.40904
0.500604	0.544685	0.473339	0.40882	0.530199	0.346682	0.449834	0.38027	0.413717	0.395635
0.441981	0.625768	0.474042	0.502715	0.621839	0.398369	0.489731	0.419224	0.316737	0.426078
0.525989	0.637188	0.555045	0.608978	0.624821	0.499337	0.684111	0.3913	0.336668	0.547853
0.440677	0.679124	0.465677	0.608978	0.512132	0.431845	0.467194	0.46829	0.439444	0.520613
0.37051	0.698069	0.456118	0.472848	0.374762	0.378544	0.570707	0.397816	0.508223	0.404729
0.347853	0.511156	0.536777	0.52436	0.487455	0.440304	0.499542	0.462018	0.425747	0.421596
0.406278	0.602817	0.602495	0.488619	0.753956	0.48236	0.619171	0.545695	0.463977	0.520613
0.488084	0.652171	0.544158	0.420518	0.645241	0.272822	0.571607	0.615633	0.492219	0.649087
0.637348	0.666562	0.410029	0.568542	0.563531	0.398966	0.472899	0.593538	0.538772	0.402286
0.571021	0.760433	0.520811	0.513403	0.632874	0.48236	0.596643	0.499575	0.486274	0.392645
0.600092	0.7413	0.467753	0.509555	0.697383	0.589354	0.648273	0.446389	0.521625	0.629118
0.453894	0.749397	0.488351	0.465865	0.662298	0.563293	0.664705	0.78021	0.656705	0.694391
0.401494	0.66097	0.535965	0.473553	0.526207	0.450947	0.639757	0.72741	0.637468	0.70527
0.577217	0.831629	0.531122	0.66988	0.600577	0.408022	0.616165	0.521229	0.533803	0.578743
0.499112	0.668819	0.646251	0.527542	0.657971	0.465324	0.682946	0.506418	0.506673	0.531962
0.480171	0.564692	0.572348	0.533977	0.652621	0.54703	0.589073	0.60205	0.42639	0.591741
0.529968	0.663199	0.645206	0.580102	0.568759	0.379114	0.594738	0.569844	0.455644	0.704047
0.522832	0.818656	0.468448	0.559855	0.56094	0.384859	0.547937	0.538209	0.524839	0.632211
0.514266	0.753502	0.409422	0.506502	0.455917	0.48381	0.679467	0.402617	0.411226	0.4109
0.512727	0.579175	0.58307	0.518065	0.668871	0.461168	0.547084	0.465491	0.424465	0.451933
0.648757	0.609675	0.681094	0.628681	0.716664	0.497085	0.648273	0.640997	0.613077	0.621987
0.760842	0.796846	0.504655	0.553875	0.665572	0.521736	0.818492	0.670164	0.505129	0.619971
0.582598	0.630921	0.506168	0.595699	0.659048	0.533791	0.590953	0.40021	0.430914	0.556457
0.496144	0.571873	0.529519	0.497468	0.569636	0.372881	0.647199	0.380844	0.373202	0.439145
0.406278	0.647837	0.557597	0.482817	0.668871	0.427357	0.679467	0.561064	0.41748	0.551274
0.434217	0.626793	0.576783	0.446889	0.686902	0.55723	0.764696	0.434538	0.453586	0.689641
0.554639	0.636137	0.446105	0.561578	0.572279	0.565918	0.555684	0.497318	0.568947	0.54956
0.655109	0.908892	0.586703	0.658938	0.594024	0.568559	0.631405	0.497318	0.666653	0.573289
0.599153	0.738634	0.555894	0.584632	0.655823	0.608284	0.647199	0.423635	0.48998	0.657777
0.705963	0.753502	0.524748	0.568542	0.616915	0.473049	0.653682	0.455835	0.516056	0.74632
0.682623	0.724258	0.557597	0.554724	0.393674	0.503878	0.698352	0.398413	0.501292	0.528689

0.626231	0.587539	0.593136	0.658938	0.449209	0.542849	0.874443	0.637874	0.650198	0.455362
0.530768	0.594157	0.471236	0.560716	0.611078	0.697067	0.660262	0.522023	0.564506	0.551274
0.504356	0.725546	0.514585	0.624668	0.574938	0.445593	0.685281	0.576097	0.619047	0.697987
0.648757	0.717878	0.584883	0.621682	0.480246	0.576578	0.713075	0.439765	0.526455	0.676843
0.704766	0.515109	0.575892	0.640946	0.506779	0.706667	0.655864	0.510267	0.5059	0.29583
0.417239	0.330846	0.422974	0.582814	0.519113	0.688837	0.553951	0.578805	0.476784	0.350105
0.426589	0.532943	0.545815	0.67658	0.376447	0.554658	0.435769	0.403825	0.524033	0.347949
0.759484	0.65545	0.521595	0.572066	0.449875	0.528124	0.625245	0.554166	0.673413	0.488989
0.688342	0.677966	0.636936	0.540509	0.488912	0.631125	0.563573	0.518857	0.542116	0.556457
0.462022	0.454429	0.671009	0.551337	0.426515	0.710323	0.4816	0.497318	0.478956	0.449209
0.3672	0.453739	0.421101	0.400993	0.377011	0.6404	0.460166	0.384301	0.418742	0.464405
0.731899	0.529645	0.470537	0.567666	0.382114	0.506931	0.319651	0.379698	0.594694	0.496493
0.634288	0.465622	0.542507	0.419894	0.523829	0.587506	0.383081	0.396029	0.555757	0.469354
0.539669	0.416747	0.665505	0.495981	0.466177	0.678481	0.503375	0.452438	0.534628	0.387315
0.477329	0.344034	0.59779	0.417409	0.430322	0.612171	0.519055	0.534924	0.35701	0.367186
0.466143	0.34243	0.540042	0.553875	0.517552	0.510006	0.426639	0.409306	0.346185	0.342075
0.334907	0.328256	0.484008	0.400993	0.407359	0.404377	0.229349	0.509495	0.473905	0.345804
0.302476	0.371676	0.385242	0.306947	0.428414	0.52732	0.359785	0.404431	0.464679	0.428013
0.369404	0.32929	0.446105	0.377761	0.515221	0.494844	0.439741	0.507185	0.357558	0.412769
0.541307	0.331366	0.474746	0.40882	0.445233	0.416026	0.355381	0.403221	0.314743	0.426722
0.703572	0.444192	0.573231	0.48426	0.447217	0.406196	0.272836	0.438452	0.362525	0.437159
0.530768	0.605743	0.646251	0.369915	0.515221	0.621046	0.388958	0.430658	0.342459	0.371705
0.684902	0.627822	0.615945	0.445565	0.531002	0.616093	0.528743	0.522818	0.248468	0.376846
0.942244	0.79533	0.828093	0.630701	0.600577	0.599663	0.440407	0.468993	0.255785	0.361048
1.128551	1.68665	1.329481	0.771828	0.637985	0.758135	0.646128	0.694286	0.368674	0.392049
1.096934	1.208273	1.350146	0.678836	1.155049	1.269582	1.016608	0.950808	0.662203	0.443812
1.120293	1.447877	1.539452	1.195188	2.528151	1.002966	0.71936	1.070322	0.577058	0.730468
0.811846	0.843219	1.078705	1.471246	1.331738	1.536833	0.757725	1.337135	0.906816	1.043599
0.874593	0.827533	0.90272	0.962221	1.468287	1.226426	1.121115	1.129182	1.420666	1.195311
2.081975	1.483297	0.865126	0.883923	1.932525	1.347357	1.286891	1.21207	1.137249	1.059907
1.898723	1.240807	0.432563	0.720858	0.802391	2.086684	1.953624	2.06441	1.039969	2.574012
0.747487	2.081536	0.576589	0.68473	2.392177	1.649897	1.346169	0.728974	0.884472	0.845597
0.693743	0.720615	0.648602	1.922237	2.87636	0.991788	0.41798	0.522475	0.806723	1.878676
1.845996	1.340004	0.996019	0.822311	0.637406	0.835959	0.62697	0.574722	1.032117	0.993277
2.545628	1.271423	1.500357	0.452502	0.680131	1.830378	1.064323	1.04822	1.390044	1.65537
0.136871	0.102653	0.082693	0.722856	1.975053	1.274063	2.175473	2.06441	1.310406	1.230767
0.068436	0.062733	0.092673	1.218067	0.993211	1.133637	1.483802	0	1.270586	1.40522
0.05703	1.8083	0.647677	1.202682	0	0	0	0	0	1.35325
0.022812	1.824187	0.323839	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1.8083	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.887901	0.443951	0	0	1.063885	0	0	0	0	0
1.784378	1.22019	0.925767	0.462884	0	0	0	0.942362	0	0

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0

[illegible]

0.700832	0.590769	0.576699	0.744886	0.537547	0.647907	0.639353	0.598201	0.651143	0.497595
0.549154	0.437218	0.647347	0.548207	0.592134	0.555691	0.550332	0.545168	0.48298	0.386915
0.573567	0.4255	0.567351	0.549893	0.438807	0.647907	0.409586	0.506488	0.436633	0.542637
0.693678	0.533614	0.498243	0.585063	0.516552	0.674682	0.423734	0.492542	0.697628	0.54861
0.683163	0.555582	0.459771	0.564494	0.489061	0.511459	0.334261	0.465924	0.675466	0.465926
0.731978	0.618915	0.64846	0.442008	0.55874	0.718884	0.494577	0.485733	0.400154	0.363853
0.568219	0.534439	0.90142	0.693763	0.619231	0.601887	0.49304	0.65307	0.36206	0.381034
0.640329	0.423577	0.756777	0.713004	0.656754	0.530852	0.415318	0.572706	0.496323	0.48184
0.442891	0.355637	0.536993	0.609553	0.500305	0.566788	0.419182	0.518463	0.559408	0.357167
0.411524	0.420391	0.485037	0.492239	0.548438	0.693078	0.463404	0.372696	0.315967	0.29065
0.523636	0.547851	0.58145	0.417667	0.580106	0.646779	0.413399	0.500235	0.199423	0.363853
0.379968	0.450621	0.530998	0.421421	0.5459	0.410394	0.475017	0.505702	0.233396	0.422693
0.357039	0.33848	0.751093	0.590593	0.524507	0.519785	0.461261	0.403256	0.226467	0.398923
0.418999	0.400538	0.560015	0.412097	0.351348	0.445773	0.442433	0.573624	0.410533	0.429824
0.481027	0.432623	0.35225	0.293383	0.550991	0.585936	0.571854	0.468081	0.491085	0.467349
0.548307	0.607046	0.40555	0.472715	0.792376	0.475853	0.614314	0.400163	0.473592	0.58535
0.540758	0.532791	0.580495	0.515014	0.689532	0.411048	0.375526	0.403877	0.39895	0.726665
0.584465	0.57057	0.679651	0.518928	0.637587	0.493687	0.325832	0.546893	0.46231	0.648659
0.60422	0.546152	0.704292	0.580508	0.739232	0.743498	0.547715	0.577316	0.457464	0.683562
0.505627	0.616914	0.62145	0.500452	0.660033	0.55115	0.733746	0.607044	0.543176	0.700294
0.430458	0.44253	0.474455	0.502719	0.670019	0.420307	0.664783	0.557389	0.455404	0.705195
0.274893	0.444539	0.499032	0.52847	0.618233	0.429085	0.412761	0.455998	0.390018	0.53842
0.389255	0.455411	0.545704	0.401166	0.594015	0.405198	0.524023	0.50965	0.314974	0.353862
0.401754	0.559937	0.374212	0.456068	0.57197	0.464605	0.30495	0.460933	0.361508	0.659615
0.396353	0.500319	0.265674	0.305722	0.471656	0.460186	0.59839	0.420996	0.42626	0.654103
0.398146	0.38388	0.35225	0.504998	0.484644	0.316721	0.424388	0.347955	0.360956	0.470927
0.485397	0.554716	0.465585	0.548207	0.573765	0.410394	0.408323	0.316339	0.509313	0.479636
0.569106	0.47801	0.434531	0.54569	0.54254	0.51394	0.513448	0.412036	0.387667	0.562581
0.539927	0.448584	0.410677	0.465701	0.577377	0.440839	0.552085	0.392829	0.477179	0.604467
0.458433	0.368965	0.446267	0.450658	0.530978	0.533446	0.480197	0.513633	0.638429	0.562581
0.442227	0.63215	0.450487	0.639641	0.551845	0.420976	0.531499	0.497141	0.533228	0.468062
0.392199	0.681353	0.495883	0.543188	0.535072	0.425011	0.679844	0.50335	0.463006	0.513944
0.475267	0.504152	0.442782	0.543188	0.527731	0.46239	0.663646	0.524166	0.476459	0.642216
0.52045	0.449941	0.440014	0.544854	0.475225	0.468322	0.623535	0.458811	0.46862	0.605445
0.395162	0.49501	0.286965	0.550738	0.421367	0.338868	0.421777	0.360149	0.550789	0.51157
0.384007	0.528698	0.411968	0.364388	0.403991	0.396252	0.352735	0.340906	0.615053	0.467349
0.393974	0.460952	0.467786	0.584148	0.500305	0.51394	0.504697	0.430146	0.637386	0.535076
0.622903	0.562571	0.519251	0.608585	0.60644	0.565852	0.581146	0.40888	0.593813	0.468062
0.500291	0.547	0.478205	0.608585	0.489061	0.635662	0.586818	0.358466	0.525914	0.404436
0.457746	0.53942	0.238819	0.467793	0.53343	0.436654	0.55917	0.430146	0.567313	0.408151
0.398745	0.416599	0.336206	0.628365	0.547591	0.408438	0.576475	0.521713	0.554216	0.472366
0.52204	0.498796	0.431138	0.685606	0.646002	0.457265	0.433651	0.369812	0.581734	0.517928
0.448906	0.397516	0.340573	0.608585	0.458355	0.52316	0.432983	0.444242	0.595702	0.557289
0.52204	0.504152	0.417828	0.456068	0.394365	0.36455	0.407692	0.433461	0.554216	0.301701
0.536619	0.563452	0.368324	0.391676	0.433566	0.483517	0.52733	0.465207	0.395952	0.331406
0.465368	0.434587	0.391753	0.443989	0.26645	0.422317	0.447927	0.47829	0.527529	0.311545
0.558582	0.410972	0.410033	0.445979	0.343339	0.611124	0.381415	0.483487	0.545699	0.403205

0.409061	0.389165	0.467051	0.476978	0.428388	0.565852	0.384988	0.382054	0.49183	0.40382
0.481752	0.465154	0.521742	0.454709	0.358959	0.434577	0.386185	0.479769	0.501625	0.306595
0.53827	0.476562	0.476701	0.614425	0.393177	0.542208	0.412125	0.352902	0.447933	0.386915
0.50257	0.360587	0.385016	0.521294	0.399753	0.488964	0.38439	0.335031	0.380113	0.272531
0.455007	0.309012	0.37067	0.431592	0.375161	0.576257	0.409586	0.450426	0.435977	0.211899
0.570885	0.390348	0.539588	0.475553	0.369506	0.44154	0.399579	0.429486	0.359855	0.486284
0.55513	0.37407	0.435213	0.586899	0.413835	0.488964	0.285978	0.4717	0.48007	0.42592
0.446892	0.265575	0.48657	0.609553	0.498033	0.565852	0.213384	0.440844	0.442579	0.321107
0.402963	0.309012	0.43795	0.55499	0.689532	0.478138	0.41596	0.546893	0.409915	0.348951
0.339947	0.367839	0.472964	0.352433	0.507194	0.414332	0.368562	0.49026	0.549086	0.602517
0.49278	0.446557	0.487338	0.353506	0.463208	0.516435	0.341232	0.536645	0.438606	0.487029
0.544936	0.498036	0.568277	0.332527	0.593073	0.596839	0.336929	0.370963	0.324498	0.482578
0.655223	0.643673	0.695508	0.467793	0.569292	0.519785	0.430984	0.529945	0.42626	0.470927
0.404176	0.378659	0.61728	0.400567	0.536721	0.366908	0.39405	0.569964	0.504684	0.618367
0.423419	0.390348	0.515131	0.386427	0.419471	0.356396	0.441752	0.570876	0.395952	0.611362
0.658483	0.495765	0.453322	0.390504	0.439467	0.393729	0.420478	0.488746	0.351147	0.553797
0.412761	0.453352	0.673704	0.526065	0.514193	0.55115	0.495347	0.581975	0.451313	0.563469
0.340996	0.261594	0.61936	0.452679	0.57197	0.485066	0.614314	0.635764	0.330109	0.442424
0.375398	0.368965	0.546585	0.466397	0.504118	0.43596	0.49304	0.607044	0.33945	0.540102
0.521244	0.560813	0.559106	0.42775	0.522904	0.306314	0.484687	0.565431	0.454036	0.542637
0.528459	0.439866	0.61315	0.511134	0.623244	0.409741	0.52156	0.657507	0.440588	0.582554
0.416493	0.414089	0.544825	0.58782	0.629333	0.542208	0.603304	0.620142	0.440588	0.500662
0.427244	0.451984	0.447669	0.436769	0.577377	0.402623	0.446547	0.394651	0.460226	0.506082
0.404176	0.536922	0.48657	0.403572	0.418841	0.349527	0.493808	0.380873	0.502387	0.576099
0.505627	0.517441	0.481987	0.34289	0.490544	0.406491	0.579271	0.456699	0.372123	0.584416
0.480303	0.68484	0.532703	0.398774	0.618233	0.46239	0.59839	0.472427	0.342081	0.607408
0.360869	0.547	0.620404	0.57421	0.618233	0.438044	0.618388	0.411403	0.373823	0.51873
0.324008	0.493505	0.503002	0.686762	0.625264	0.476614	0.615329	0.529115	0.547389	0.399532
0.40115	0.550413	0.43385	0.538226	0.582852	0.52316	0.606279	0.4539	0.446588	0.426568
0.309121	0.504152	0.415866	0.670852	0.717411	0.426365	0.612291	0.436131	0.402574	0.341955
0.422152	0.58983	0.447669	0.542357	0.636547	0.409741	0.469898	0.330807	0.59006	0.579776
0.385168	0.606072	0.428443	0.46017	0.461816	0.461654	0.583028	0.423591	0.549937	0.398314
0.459122	0.582392	0.385624	0.577798	0.341755	0.294647	0.609275	0.560945	0.64793	0.337176
0.527652	0.491258	0.385016	0.561881	0.462511	0.377681	0.678667	0.426201	0.444579	0.392878
0.505627	0.542773	0.396096	0.509592	0.612297	0.440139	0.606279	0.493305	0.603339	0.411898
0.455007	0.592652	0.26985	0.425842	0.391991	0.442243	0.684585	0.532445	0.756489	0.581626
0.463276	0.470108	0.36425	0.605694	0.394365	0.444357	0.609275	0.468081	0.664241	0.441752
0.551705	0.495765	0.520079	0.580508	0.430323	0.565852	0.535708	0.500235	0.573563	0.34517
0.513366	0.595493	0.434531	0.606656	0.428388	0.658188	0.480942	0.463065	0.550789	0.457485
0.590018	0.572368	0.58145	0.720445	0.530164	0.596839	0.421127	0.446293	0.654381	0.409396
0.54159	0.586095	0.645129	0.62534	0.495772	0.646779	0.360576	0.343604	0.525109	0.530931
0.456374	0.530331	0.694267	0.454031	0.543378	0.573394	0.483935	0.549494	0.45472	0.524381
0.544097	0.412216	0.440014	0.524469	0.614266	0.689335	0.408954	0.514435	0.406841	0.434424
0.457059	0.469397	0.515131	0.633454	0.550991	0.671094	0.424388	0.532445	0.535694	0.510782
0.610034	0.414089	0.555492	0.515794	0.527731	0.512285	0.356638	0.609033	0.553357	0.39408
0.617908	0.470108	0.677262	0.445314	0.469528	0.492107	0.425043	0.585739	0.577176	0.565251
0.456374	0.449941	0.559106	0.455388	0.483182	0.557521	0.545114	0.540034	0.38069	0.553797

0.436303	0.419757	0.611099	0.597136	0.782085	0.51727	0.35329	0.484234	0.2614	0.517928
0.667296	0.625991	0.627781	0.591522	0.518131	0.522314	0.429657	0.602109	0.33945	0.576099
0.728121	0.550413	0.580495	0.498947	0.598752	0.541324	0.428334	0.594329	0.517929	0.651917
0.441565	0.447907	0.557295	0.508055	0.527731	0.578175	0.480197	0.592405	0.52915	0.542637
0.465368	0.449941	0.462669	0.465701	0.545058	0.369874	0.545979	0.568145	0.432714	0.562581
0.484666	0.500319	0.445568	0.475553	0.498033	0.410394	0.470626	0.512834	0.500863	0.658507
0.59376	0.559937	0.52341	0.487824	0.550138	0.570551	0.465558	0.602109	0.58634	0.577933
0.537444	0.590769	0.485803	0.518143	0.662232	0.533446	0.387987	0.4717	0.413633	0.649743
0.501809	0.622945	0.494317	0.592453	0.703854	0.512285	0.682208	0.524987	0.465103	0.675432
0.456374	0.566997	0.596021	0.670852	0.604505	0.362205	0.450701	0.369238	0.456776	0.562581
0.498024	0.7543	0.686898	0.502719	0.518923	0.433886	0.600349	0.402016	0.49407	0.566145
0.531705	0.740816	0.528454	0.470599	0.612297	0.393729	0.597413	0.546893	0.444579	0.608393
0.5165	0.716297	0.515131	0.572427	0.677948	0.428403	0.529826	0.441521	0.478622	0.659615
0.426604	0.604129	0.452612	0.580508	0.63863	0.557521	0.608274	0.393435	0.461614	0.530931
0.408447	0.650089	0.438637	0.57421	0.497278	0.393101	0.609275	0.469525	0.594756	0.42592
0.50257	0.653333	0.5528	0.55499	0.490544	0.391221	0.474282	0.366948	0.539835	0.58535
0.669527	0.677894	0.528454	0.479126	0.60644	0.567726	0.52238	0.437472	0.55767	0.600576
0.510254	0.56878	0.457611	0.494463	0.530164	0.44154	0.476491	0.416493	0.560279	0.646501
0.400548	0.536093	0.394229	0.645917	0.504118	0.543094	0.586818	0.475349	0.541502	0.533413
0.478138	0.731621	0.387454	0.605694	0.551845	0.466088	0.675154	0.495603	0.59006	0.465926
0.713024	0.655509	0.327602	0.544854	0.405819	0.56213	0.7129	0.489502	0.474307	0.406909
0.72303	0.782591	0.50141	0.659834	0.557006	0.613204	0.561857	0.529115	0.635307	0.392278
0.358676	0.547851	0.571066	0.837451	0.658937	0.649037	0.436335	0.599175	0.670941	0.534244
0.303306	0.547	0.500616	0.623335	0.483912	0.620561	0.586818	0.572706	0.571768	0.488523
0.536619	0.646869	0.500616	0.571538	0.383785	0.586916	0.634016	0.581975	0.604303	0.403205
0.692497	0.595493	0.688117	0.81201	0.579195	0.669905	0.515866	0.461642	0.672068	0.49455
0.739798	0.455411	0.682053	0.819801	0.747202	0.729651	0.442433	0.583853	0.663134	0.40382
0.580802	0.44053	0.622499	0.508823	0.461816	0.445064	0.486194	0.591446	0.774679	0.682391
0.600387	0.472249	0.43385	0.399969	0.30055	0.542208	0.538253	0.723607	0.610134	0.588165
0.687805	0.561691	0.599991	0.526065	0.374592	0.657034	0.362275	0.585739	0.439265	0.334019
0.596588	0.465154	0.768375	0.71547	0.536721	0.680727	0.492274	0.755936	0.636345	0.53926
0.50105	0.526261	0.784844	0.551585	0.684861	0.636761	0.515866	0.667658	0.659831	0.641152
0.602299	0.492755	0.680851	0.473423	0.518923	0.599861	0.649127	0.669946	0.394163	0.545187
0.70933	0.388575	0.586253	0.56275	0.576471	0.634566	0.552085	0.621166	0.546543	0.577015
0.613953	0.397516	0.752507	0.660924	0.718665	0.671094	0.394661	0.533282	0.582651	0.667452
0.534975	0.454724	0.769846	0.571538	0.701434	0.613204	0.452792	0.717165	0.538174	0.754742
0.567334	0.561691	0.911516	0.559284	0.598752	0.53693	0.483935	0.70456	0.553357	0.642216
0.660669	0.541093	0.655201	0.560148	0.501065	0.51727	0.59839	0.728831	0.476459	0.729262
0.72303	0.450621	0.610078	0.597136	0.622237	0.628046	0.625611	0.793907	0.554216	0.708907
0.548307	0.407877	0.61315	0.503477	0.510291	0.685625	0.524023	0.750378	0.525109	0.646501
0.534155	0.514277	0.660899	0.473423	0.548438	0.475094	0.437683	0.635764	0.542338	0.569738
0.568219	0.639447	0.682053	0.495207	0.582852	0.570551	0.546846	0.519273	0.451992	0.676584
0.667296	0.514277	0.525085	0.501962	0.546745	0.500066	0.550332	0.536645	0.44125	0.584416
0.558582	0.426786	0.742703	0.719196	0.594958	0.529131	0.529826	0.538337	0.414256	0.750618
0.399946	0.606072	0.814851	0.730569	0.70751	0.595837	0.461261	0.567238	0.504684	0.676584
0.610034	0.700284	0.777281	0.669738	0.836168	0.592843	0.451397	0.561838	0.461614	0.659615
0.764139	0.798975	0.673704	0.495207	0.629333	0.510636	0.594498	0.470249	0.41864	0.636919

0.622903	0.548703	0.598995	0.479126	0.63863	0.567726	0.645844	0.596261	0.436633	0.599608
0.488335	0.486057	0.69303	0.493721	0.776312	0.613204	0.600349	0.723607	0.408683	0.619378
0.395162	0.53942	0.816489	0.671969	0.883038	0.463127	0.537403	0.906528	0.591933	0.695447
0.398745	0.523033	0.627781	0.560148	0.693069	0.563057	0.547715	0.699618	0.620029	0.662956
0.507934	0.519829	0.511863	0.314966	0.623244	0.438741	0.580208	0.621166	0.515562	0.569738
0.542424	0.465154	0.452612	0.294789	0.762207	0.597844	0.642586	0.672247	0.409299	0.540945
0.458433	0.627012	0.606015	0.405385	0.639676	0.573394	0.528993	0.714614	0.518721	0.713907
0.344158	0.603161	0.566427	0.467095	0.594958	0.456538	0.552085	0.593366	0.591933	0.552928
0.375967	0.588893	0.439325	0.607619	0.427745	0.401341	0.590641	0.486484	0.538174	0.490022
0.500291	0.581471	0.546585	0.436769	0.526922	0.426365	0.684585	0.403256	0.41177	0.453326
0.557716	0.706373	0.570134	0.496699	0.586541	0.480435	0.606279	0.472427	0.438606	0.612356
0.431103	0.66544	0.630981	0.547366	0.801396	0.558439	0.566372	0.618101	0.581734	0.608393
0.436303	0.489765	0.496668	0.584148	0.478101	0.508993	0.486949	0.546893	0.515562	0.447841
0.662867	0.744818	0.572	0.602823	0.445449	0.658188	0.724503	0.536645	0.611113	0.463094
0.457059	0.596444	0.515952	0.550738	0.660033	0.590858	0.571854	0.53749	0.579905	0.665198
0.45569	0.779678	0.666672	0.530081	0.877574	0.614247	0.600349	0.608037	0.544856	0.646501
0.531705	0.726452	0.755349	0.633454	0.668898	0.519785	0.804626	0.672247	0.600459	0.59576
0.466068	0.675603	0.468522	0.645917	0.585616	0.482745	0.740471	0.514435	0.682343	0.668583
0.504096	0.671056	0.515131	0.476265	0.599705	0.538682	0.591602	0.426856	0.615053	0.49607
0.486864	0.552129	0.351687	0.522086	0.731404	0.519785	0.566372	0.380284	0.525109	0.56704
0.512585	0.674462	0.399224	0.567122	0.617238	0.483517	0.689379	0.550364	0.674331	0.633772
0.647712	0.83537	0.639633	0.671969	0.466006	0.414992	0.752845	0.697168	0.752397	0.566145
0.634098	0.673324	0.483509	0.638604	0.492777	0.409741	0.516675	0.648679	0.662031	0.420769
0.549154	0.63215	0.475951	0.510362	0.517341	0.621623	0.481689	0.426201	0.459534	0.563469
0.505627	0.633185	0.588189	0.652285	0.55874	0.552055	0.515866	0.434127	0.558538	0.509995
0.511807	0.781132	0.582406	0.755603	0.562229	0.601887	0.623535	0.384425	0.57627	0.51157
0.298043	0.592652	0.346095	0.693763	0.523705	0.731016	0.597413	0.415215	0.55594	0.592896
0.387499	0.569674	0.322309	0.597136	0.509514	0.601887	0.423081	0.540034	0.63118	0.427218
0.603259	0.47082	0.389291	0.666411	0.498789	0.747739	0.557388	0.457402	0.540668	0.505304
0.577169	0.607046	0.462669	0.568002	0.375731	0.643414	0.615329	0.492542	0.413633	0.375808
0.453644	0.595493	0.547467	0.810468	0.621233	0.810285	0.707841	0.545168	0.564662	0.461685
0.51493	0.554716	0.624604	0.617375	0.664443	0.740693	0.553846	0.591446	0.49407	0.40382
0.649845	0.688356	0.584325	0.600919	0.526116	0.671094	0.558278	0.747625	0.432714	0.379285
0.573567	0.625991	0.475951	0.655504	0.609358	0.72289	0.644756	0.751761	0.633239	0.627544
0.669527	0.597397	0.461942	0.524469	0.514193	0.820243	0.539105	0.668801	0.651143	0.675432
0.64559	0.523838	0.461942	0.517358	0.618233	0.714914	0.507859	0.579174	0.532409	0.5807
0.603259	0.641555	0.557295	0.435469	0.539205	0.58107	0.554728	0.631543	0.477179	0.632728
0.389255	0.436559	0.513494	0.472008	0.57197	0.461654	0.443116	0.439492	0.48812	0.675432
0.55599	0.482381	0.640726	0.537405	0.515764	0.468322	0.482436	0.622193	0.398348	0.61435
0.684319	0.633185	0.704292	0.610523	0.577377	0.701936	0.594498	0.671095	0.36206	0.480369
0.642425	0.585166	0.771323	0.703277	0.717411	0.786345	0.572774	0.541739	0.500863	0.568837
0.710558	0.524644	0.521742	0.477693	0.716161	0.583983	0.650227	0.676885	0.48298	0.493035
0.573567	0.414715	0.43385	0.399371	0.660033	0.425688	0.488464	0.661989	0.639474	0.691847
0.654142	0.419757	0.580495	0.552434	0.5978	0.541324	0.418536	0.569964	0.484442	0.681224
0.885274	0.63215	0.703026	0.611495	0.609358	0.620561	0.442433	0.627362	0.448607	0.630647
0.677429	0.590769	0.78029	0.480563	0.644941	0.576257	0.47723	0.689901	0.48591	0.823433
0.588159	0.467978	0.560015	0.520504	0.74055	0.619503	0.539105	0.552109	0.48007	0.666323

0.631016	0.473682	0.624604	0.430308	0.6492	0.503291	0.524023	0.422292	0.562904	0.720239
0.715504	0.44521	0.616244	0.469194	0.651345	0.570551	0.448619	0.484983	0.447933	0.549471
0.489073	0.401752	0.504599	0.365492	0.668898	0.522314	0.589682	0.615057	0.416129	0.662956
0.405392	0.61393	0.544825	0.413329	0.511068	0.571496	0.735083	0.518463	0.387081	0.64009
0.394568	0.417228	0.50141	0.561881	0.584693	0.447904	0.731085	0.502569	0.46862	0.561694
0.438269	0.432623	0.650695	0.548207	0.628312	0.527416	0.636143	0.583853	0.447933	0.543485
0.384587	0.382133	0.447669	0.386427	0.571075	0.388728	0.619413	0.645414	0.506992	0.49836
0.51493	0.448584	0.551015	0.479844	0.628312	0.418306	0.552964	0.554741	0.482251	0.574272
0.417744	0.591709	0.565505	0.44731	0.590262	0.53693	0.63721	0.39648	0.571768	0.721517
0.529269	0.538586	0.540457	0.598078	0.662232	0.500066	0.617366	0.539185	0.651143	0.648659
0.334742	0.608023	0.586253	0.659834	0.660033	0.394989	0.570019	0.379108	0.601417	0.604467
0.525238	0.642612	0.691797	0.526065	0.492777	0.375264	0.646936	0.487991	0.507764	0.513944
0.45569	0.580552	0.53185	0.622336	0.651345	0.553869	0.673989	0.485733	0.484442	0.615351
0.425328	0.449941	0.51105	0.628365	0.524507	0.532579	0.475017	0.393435	0.629131	0.51633
0.417118	0.507242	0.494317	0.708113	0.413835	0.290661	0.457006	0.411403	0.670941	0.499126
0.47958	0.4561	0.551015	0.570652	0.475225	0.335006	0.625611	0.42035	0.601417	0.479636
0.578982	0.489021	0.451902	0.642767	0.697829	0.504912	0.733746	0.483487	0.540668	0.441752
0.514147	0.659895	0.425098	0.538226	0.68836	0.634566	0.596439	0.419061	0.584491	0.474534
0.399946	0.504922	0.443477	0.618362	0.601619	0.623753	0.486949	0.397705	0.525914	0.575184
0.528459	0.706373	0.493536	0.750212	0.608383	0.616342	0.467	0.539185	0.593813	0.413154
0.627956	0.731621	0.53185	0.499699	0.42327	0.409741	0.695446	0.610031	0.753757	0.381619
0.781159	0.559062	0.42244	0.564494	0.647065	0.590858	0.632956	0.504916	0.717209	0.513944
0.570885	0.4744	0.478205	0.722954	0.671143	0.763656	0.511844	0.504133	0.627092	0.545187
0.487599	0.486057	0.541327	0.743565	0.366705	0.567726	0.63828	0.687505	0.619029	0.618367
0.574465	0.651168	0.465585	0.62534	0.470946	0.613204	0.47723	0.625287	0.578083	0.527644
0.623909	0.546152	0.404277	0.639641	0.564864	0.70066	0.486949	0.581039	0.506221	0.491526
0.750448	0.515066	0.454747	0.589667	0.832889	0.75346	0.511044	0.736786	0.562904	0.58535
0.563812	0.503383	0.577645	0.569766	0.741872	0.606995	0.374941	0.548625	0.42562	0.588165
0.690144	0.540256	0.650695	0.642767	0.618233	0.608023	0.534019	0.632594	0.479345	0.645426
0.874382	0.736852	0.678455	0.559284	0.525311	0.598852	0.419182	0.602109	0.408068	0.577015
0.905982	0.60027	0.562751	0.367707	0.559609	0.548448	0.380823	0.59049	0.358757	0.626515
0.614938	0.559062	0.65861	0.660924	0.8428	0.488964	0.498441	0.700848	0.377815	0.600576
0.478858	0.559062	0.714553	0.479844	0.68024	0.600873	0.539105	0.761566	0.507764	0.650829
0.517287	0.489021	0.569205	0.271931	0.586541	0.52316	0.644756	0.579174	0.31547	0.470927
0.559449	0.430019	0.58145	0.300935	0.660033	0.450047	0.408323	0.552985	0.268915	0.524381
0.548307	0.521428	0.775784	0.499699	0.512628	0.407139	0.499997	0.625287	0.400154	0.700294
0.577169	0.575986	0.695508	0.487092	0.612297	0.454363	0.504697	0.578244	0.577176	0.645426
0.536619	0.528698	0.544825	0.459484	0.541704	0.471319	0.62044	0.558275	0.622035	0.605445
0.569994	0.490511	0.35451	0.458114	0.684861	0.419639	0.542528	0.402016	0.43729	0.635868
0.522837	0.47801	0.421117	0.536585	0.787936	0.611124	0.560064	0.426201	0.540668	0.760302
0.53827	0.486057	0.703026	0.889588	0.931468	0.66518	0.702841	0.574544	0.490342	0.574272
0.566451	0.597397	0.520079	0.551585	0.612297	0.456538	0.72976	0.627362	0.628111	0.499894
0.602299	0.697872	0.495099	0.410256	0.602579	0.526562	0.664783	0.401398	0.453354	0.43641
0.651988	0.6919	0.585288	0.617375	0.763597	0.457265	0.37905	0.394043	0.409915	0.528463
0.466068	0.721345	0.665511	0.649089	0.727543	0.528273	0.519926	0.514435	0.653299	0.61435
0.277153	0.638397	0.592088	0.547366	0.663336	0.616342	0.737769	0.511239	0.732498	0.67774
0.378821	0.628035	0.404913	0.509592	0.505653	0.471319	0.689379	0.664248	0.799678	0.49455

0.5165	0.677894	0.379581	0.466397	0.571075	0.52316	0.560064	0.434127	0.642626	0.456094
0.393382	0.571468	0.384409	0.502719	0.681391	0.493687	0.619413	0.438818	0.685823	0.423981
0.561189	0.739491	0.61936	0.600919	0.624253	0.508174	0.72844	0.525809	0.64793	0.619378
0.565569	0.716297	0.61315	0.713004	0.549287	0.521469	0.615329	0.458106	0.504684	0.44716
0.644532	0.751569	0.541327	0.717951	0.653501	0.554779	0.504697	0.438818	0.599504	0.479636
0.649845	0.695473	0.545704	0.692588	0.636547	0.588883	0.450701	0.347408	0.559408	0.54861
0.511029	0.772478	0.58722	0.696122	0.675668	0.52999	0.590641	0.455297	0.692867	0.40629
0.498024	0.683675	0.449781	0.592453	0.466006	0.539561	0.625611	0.520898	0.573563	0.427218
0.583546	0.584239	0.530998	0.495953	0.423907	0.631294	0.570935	0.655283	0.508538	0.497595
0.68201	0.563452	0.382592	0.541528	0.551845	0.693078	0.524023	0.493305	0.519515	0.44989
0.636165	0.552989	0.48657	0.783614	0.515764	0.611124	0.506275	0.422941	0.641573	0.5807
0.838276	0.587958	0.699251	0.852446	0.576471	0.610088	0.333198	0.460933	0.691685	0.812253
0.797369	0.730323	0.803553	0.734427	0.700229	0.669905	0.396499	0.528286	0.695241	0.59576
0.724297	0.47584	0.656334	0.644864	0.546745	0.634566	0.464839	0.750378	0.593813	0.661839
0.677429	0.51192	0.415866	0.719196	0.630356	0.658188	0.441752	0.49178	0.525109	0.684736
0.670648	0.577807	0.598995	0.704481	0.498033	0.775609	0.360576	0.392223	0.495571	0.572453
0.725568	0.64794	0.685682	0.474131	0.500305	0.835622	0.467723	0.634705	0.616044	0.537582
0.534975	0.508018	0.769846	0.582324	0.55874	0.679512	0.658004	0.815818	0.559408	0.662956
0.781159	0.533614	0.560015	0.649089	0.67227	0.620561	0.588725	0.709558	0.474307	0.528463
0.705668	0.44053	0.431815	0.529275	0.575567	0.619503	0.437008	0.643251	0.524306	0.643284
0.749103	0.575079	0.562751	0.544854	0.576471	0.542208	0.321161	0.70456	0.495571	0.51157
0.683163	0.666557	0.751093	0.496699	0.614266	0.712287	0.467723	0.585739	0.482251	0.592896
0.632041	0.549557	0.638542	0.508823	0.540036	0.587899	0.635078	0.495603	0.415504	0.524381
0.677429	0.544459	0.572936	0.54569	0.745864	0.463127	0.516675	0.472427	0.453354	0.62961
0.559449	0.398722	0.606015	0.476978	0.529351	0.513112	0.553846	0.622193	0.541502	0.743831
0.607117	0.603161	0.734472	0.577798	0.721183	0.518945	0.622501	0.687505	0.344197	0.583484
0.437612	0.740816	0.660899	0.467095	0.67227	0.612163	0.814157	0.554741	0.502387	0.596719
0.393382	0.525452	0.52091	0.46017	0.532611	0.435268	0.655768	0.402016	0.549086	0.730567
0.50105	0.489021	0.620404	0.650152	0.702643	0.414992	0.454192	0.495603	0.685823	0.636919
0.636165	0.630087	0.666672	0.616389	0.763597	0.43596	0.62044	0.532445	0.597598	0.487029
0.661767	0.694279	0.669003	0.568883	0.783541	0.540441	0.691796	0.599175	0.472878	0.467349
0.627956	0.633185	0.583365	0.633454	0.642827	0.556605	0.710363	0.508857	0.568201	0.562581
0.407223	0.390348	0.466318	0.364388	0.554418	0.574346	0.736424	0.484983	0.629131	0.60938
0.395162	0.534439	0.401112	0.492239	0.487584	0.51394	0.685779	0.505702	0.625062	0.470927
0.571777	0.672189	0.481228	0.476265	0.550991	0.426365	0.691796	0.555622	0.552499	0.594804
0.665076	0.711306	0.52341	0.578699	0.760821	0.592843	0.737769	0.582913	0.662031	0.496832
0.591885	0.622945	0.504599	0.717951	0.815286	0.816899	0.583973	0.507277	0.682343	0.591946
0.372002	0.500319	0.510239	0.826137	0.712432	0.668719	0.469172	0.455998	0.515562	0.483317
0.594701	0.736852	0.514312	0.682157	0.599705	0.585936	0.63828	0.369238	0.595702	0.395285
0.731978	0.766803	0.491978	0.666411	0.582852	0.563987	0.799937	0.484983	0.59855	0.484056
0.608087	0.633185	0.461942	0.66311	0.684861	0.530852	0.639353	0.50965	0.728625	0.61435
0.473839	0.605099	0.404913	0.615406	0.516552	0.557521	0.400817	0.344687	0.60527	0.594804
0.498024	0.57057	0.33296	0.635507	0.405209	0.504912	0.358321	0.303816	0.582651	0.398314
0.648777	0.736852	0.467051	0.579603	0.452194	0.531715	0.631899	0.575466	0.486645	0.341421
0.753152	0.668801	0.40555	0.725478	0.972263	0.875681	0.673989	0.483487	0.555594	0.409396
0.590951	0.486057	0.472964	0.682157	0.700229	0.795763	0.655768	0.722311	0.702441	0.527644
0.518866	0.566108	0.565505	0.716709	0.446119	0.660506	0.475017	0.560053	0.594756	0.443772

0.442227	0.57327	0.635285	0.786517	0.430969	0.582039	0.469898	0.482741	0.531592	0.552061
0.659575	0.674462	0.503002	0.708113	0.580106	0.681947	0.542528	0.360712	0.458153	0.408773
0.711789	0.4561	0.309354	0.751553	0.615255	0.595837	0.718019	0.500235	0.541502	0.465926
0.525238	0.501848	0.417173	0.572427	0.541704	0.70066	0.515866	0.483487	0.572665	0.49228
0.505627	0.406645	0.496668	0.635507	0.536721	0.666357	0.531499	0.666518	0.514776	0.463801
0.524436	0.452668	0.560925	0.56275	0.576471	0.515602	0.460549	0.739471	0.512426	0.433764
0.628973	0.68484	0.532703	0.648029	0.525311	0.673483	0.402682	0.57179	0.534049	0.472366
0.620898	0.562571	0.620404	0.699685	0.609358	0.67709	0.557388	0.698391	0.638429	0.636919
0.669527	0.585166	0.695508	0.746212	0.673399	0.654734	0.52816	0.655283	0.749691	0.771641
0.575364	0.597397	0.721092	0.717951	0.654582	0.628046	0.465558	0.614048	0.662031	0.738477
0.700832	0.587958	0.525925	0.53495	0.352427	0.80539	0.571854	0.626323	0.432064	0.532584
0.708106	0.516648	0.605005	0.498947	0.466006	0.75346	0.440391	0.651968	0.432714	0.451261
0.806473	0.447907	0.586253	0.617375	0.581935	0.563057	0.422429	0.837203	0.523503	0.666323
0.587233	0.556449	0.703026	0.519716	0.628312	0.5753	0.414678	0.642173	0.603339	0.712652
0.738485	0.584239	0.725063	0.585063	0.605471	0.550248	0.452792	0.598201	0.410533	0.53926
0.591885	0.490511	0.570134	0.577798	0.568402	0.624823	0.392831	0.450426	0.330623	0.415045
0.624917	0.394515	0.58722	0.495207	0.61328	0.699387	0.459128	0.703319	0.531592	0.670854
0.726842	0.465154	0.813219	0.658748	0.654582	0.531715	0.472085	0.709558	0.600459	0.565251
0.518076	0.519829	0.847086	0.646972	0.756691	0.401982	0.52238	0.610031	0.400758	0.58535
0.568219	0.553852	0.651817	0.510362	0.664443	0.606995	0.567281	0.587633	0.48007	0.731875
0.713024	0.465858	0.579543	0.401166	0.809058	0.448617	0.457006	0.435462	0.394163	0.601545
0.614938	0.55127	0.682053	0.686762	1.032538	0.693078	0.612291	0.87598	0.665351	0.690654
0.640329	0.660998	0.603998	0.584148	0.81372	0.508993	0.639353	0.842291	0.65222	0.871273
0.463276	0.687181	0.669003	0.464312	0.602579	0.470568	0.523201	0.671095	0.497076	0.761704
0.600387	0.625991	0.656334	0.517358	0.647065	0.629126	0.574621	0.584795	0.385329	0.60938
0.63513	0.451984	0.738568	0.58598	0.684861	0.684396	0.564561	0.659742	0.357662	0.613352
0.534155	0.523033	0.593068	0.678734	0.863329	0.66167	0.684585	0.681573	0.374391	0.540102
0.507164	0.566108	0.714553	0.504998	0.612297	0.472071	0.593531	0.634705	0.503151	0.600576
0.489073	0.46727	0.574813	0.359458	0.482452	0.495273	0.650227	0.624253	0.4896	0.577015
0.711789	0.45679	0.602993	0.490026	0.592134	0.499263	0.585867	0.550364	0.365946	0.480369
0.667296	0.47082	0.801963	0.511134	0.634474	0.530852	0.619413	0.636825	0.48298	0.810679
0.572671	0.581471	0.717157	0.58598	0.796863	0.599861	0.695446	0.857924	0.654381	0.789224
0.466068	0.536922	0.700505	0.557562	0.717411	0.624823	0.606279	0.760151	0.597598	0.690654
0.596588	0.468687	0.582406	0.549893	0.687191	0.481204	0.500777	0.494069	0.564662	0.542637
0.741115	0.498036	0.691797	0.62534	0.732699	0.649037	0.634016	0.615057	0.528339	0.624464
0.494272	0.520628	0.775784	0.409644	0.549287	0.66518	0.516675	0.754539	0.569981	0.569738
0.508706	0.470108	0.65861	0.42268	0.694254	0.425688	0.434321	0.598201	0.483711	0.670854
0.489073	0.566108	0.540457	0.386427	0.493524	0.47358	0.501558	0.54345	0.384164	0.722798
0.597535	0.545304	0.537857	0.459484	0.615255	0.522314	0.54167	0.609033	0.460226	0.626515
0.560318	0.51349	0.880003	0.565368	0.787936	0.732386	0.542528	0.583853	0.374391	0.59768
0.517287	0.552989	0.843578	0.60187	0.897956	0.493687	0.546846	0.758742	0.475023	0.575184
0.567334	0.45956	0.703026	0.539874	0.700229	0.438044	0.524848	0.801606	0.724786	0.793733
0.62694	0.557318	0.647347	0.530889	0.548438	0.437349	0.590641	0.558275	0.559408	0.721517
0.876178	0.614923	0.730415	0.493721	0.631382	0.383783	0.566372	0.506488	0.415504	0.416945
0.705668	0.519031	0.854188	0.572427	0.52854	0.497663	0.495347	0.524987	0.42883	0.5807
0.599434	0.581471	0.664354	0.538226	0.588398	0.401982	0.589682	0.710816	0.493322	0.734504
0.63513	0.694279	0.45833	0.339234	0.696634	0.410394	0.584919	0.675721	0.476459	0.645426

0.655223	0.62906	0.682053	0.412713	0.598752	0.37346	0.494577	0.493305	0.493322	0.514738
0.56469	0.512704	0.778783	0.631411	0.706288	0.429085	0.582086	0.540034	0.435977	0.49836
0.434997	0.48019	0.765446	0.657664	0.854657	0.617393	0.540813	0.621166	0.525914	0.606426
0.400548	0.431971	0.512678	0.543188	0.714914	0.52999	0.64367	0.781866	0.499345	0.591946
0.461194	0.546152	0.59701	0.513458	0.539205	0.488182	0.533177	0.718446	0.479345	0.637974
0.442227	0.48019	0.642922	0.446644	0.571075	0.455087	0.585867	0.533282	0.46231	0.454708
0.721766	0.619919	0.652942	0.445314	0.616245	0.71098	0.652435	0.592405	0.403181	0.578854
0.640329	0.597397	0.857783	0.479844	0.567515	0.455812	0.442433	0.765837	0.609157	0.739809
0.49502	0.439202	0.706834	0.600919	0.793867	0.464605	0.465558	0.669946	0.594756	0.708907
0.55513	0.546152	0.660899	0.495953	0.763597	0.554779	0.64803	0.536645	0.590995	0.658507
0.628973	0.62906	0.630981	0.361642	0.563105	0.504912	0.664783	0.48051	0.536519	0.623442
0.433046	0.47584	0.729071	0.53495	0.657844	0.533446	0.450006	0.605063	0.43729	0.569738
0.425328	0.44521	0.608041	0.514235	0.730113	0.50087	0.575547	0.665382	0.513208	0.64009
0.493526	0.498796	0.618319	0.559284	0.674532	0.444357	0.573696	0.559163	0.554216	0.549471
0.47029	0.659895	0.705561	0.572427	0.585616	0.527416	0.677493	0.551236	0.508538	0.651917
0.534155	0.558189	0.7988	0.462927	0.719922	0.499263	0.63721	0.561838	0.476459	0.625488
0.424054	0.48532	0.606015	0.527667	0.744529	0.574346	0.570935	0.398932	0.446588	0.739809
0.498779	0.566997	0.566427	0.471303	0.657844	0.486621	0.688175	0.492542	0.472878	0.770207
0.43175	0.586095	0.491978	0.550738	0.62023	0.378287	0.568192	0.598201	0.458153	0.49607
0.603259	0.57872	0.550126	0.506524	0.706288	0.400063	0.642586	0.516847	0.546543	0.483317
0.661767	0.476562	0.59701	0.429667	0.708735	0.567726	0.632956	0.419705	0.443244	0.670854
0.52204	0.509575	0.576699	0.512682	0.593073	0.420307	0.7129	0.532445	0.667578	0.920974
0.491294	0.555582	0.577645	0.644864	0.668898	0.429768	0.646936	0.705804	0.669817	0.851846
0.460502	0.4561	0.506203	0.581415	0.518923	0.442946	0.516675	0.534121	0.549937	0.509995
0.53827	0.410972	0.52341	0.462927	0.681391	0.51727	0.635078	0.388607	0.539003	0.565251
0.409061	0.419757	0.642922	0.519716	0.758063	0.3675	0.453492	0.413305	0.450635	0.654103
0.407834	0.343238	0.637454	0.542357	0.635509	0.576257	0.605285	0.61607	0.515562	0.59576
0.547462	0.520628	0.500616	0.469194	0.428388	0.492896	0.570019	0.552985	0.540668	0.562581
0.653064	0.611952	0.495099	0.282753	0.37289	0.323087	0.482436	0.458811	0.419901	0.48184
0.778276	0.66544	0.69303	0.410256	0.644941	0.477375	0.552085	0.406997	0.282964	0.500662
0.607117	0.694279	0.872469	0.658748	0.714914	0.558439	0.43165	0.460933	0.436633	0.535909
0.489812	0.658794	0.628845	0.796833	0.836168	0.458723	0.47723	0.434127	0.504684	0.579776
0.567334	0.527072	0.532703	0.682157	0.722447	0.583983	0.636143	0.394043	0.500103	0.653008
0.753152	0.619919	0.564585	0.504998	0.762207	0.560281	0.675154	0.514435	0.458843	0.468777
0.677429	0.633185	0.730415	0.496699	0.766391	0.592843	0.652435	0.69231	0.437947	0.592896
0.547462	0.636305	0.713257	0.504237	0.779189	0.621623	0.5565	0.85265	0.524306	0.551196
0.611989	0.81917	0.787907	0.668626	0.679093	0.414332	0.617366	0.565431	0.449282	0.59768
0.461194	0.658794	0.446968	0.498947	0.556141	0.451481	0.66138	0.678052	0.564662	0.654103
0.490552	0.519829	0.562751	0.498947	0.712432	0.537805	0.588725	0.574544	0.429475	0.496832
0.329086	0.643673	0.762537	0.630394	0.858105	0.731016	0.654654	0.61912	0.46721	0.687094
0.332162	0.623958	0.75821	0.651217	0.863329	0.654734	0.635078	0.762985	0.793665	0.799819
0.382271	0.677894	0.527609	0.354582	0.749892	0.534314	0.823902	0.906528	0.956582	0.660726
0.562936	0.798975	0.727731	0.561881	0.655667	0.552055	0.707841	0.559163	0.674331	0.487775
0.654142	0.639447	0.742703	0.568002	0.805977	0.492107	0.577405	0.497141	0.492575	0.577015
0.457059	0.537753	0.647347	0.742248	1.045666	0.601887	0.634016	0.551236	0.616044	0.802894
0.375967	0.548703	0.628845	0.704481	0.927389	0.600873	0.840647	0.693519	0.810405	0.923004
0.559449	0.748856	0.642922	0.530081	0.762207	0.731016	0.89708	0.621166	0.689331	0.653008

0.64559	0.608023	0.622499	0.443989	0.593073	0.650171	0.904927	0.584795	0.541502	0.589107
0.415869	0.611952	0.778783	0.698494	0.849536	0.515602	0.718019	0.727519	0.424342	0.787731
0.37483	0.627012	0.646236	0.756962	0.752599	0.501675	0.76702	0.812619	0.700028	0.90899
0.403569	0.757047	0.464854	0.646972	0.786466	0.712287	0.987526	0.694732	0.8921	0.810679
0.545776	0.609983	0.535272	0.554136	0.890433	0.858845	0.847529	0.659742	0.863127	0.681224
0.448906	0.594544	0.638542	0.654429	0.927389	0.726934	0.76702	0.603091	0.669817	0.715167
0.353782	0.641555	0.43385	0.488556	0.863329	0.689335	0.799937	0.654175	0.641573	0.918954
0.379394	0.498796	0.341122	0.492239	0.62023	0.5753	0.768464	0.675721	0.708533	0.646501
0.489073	0.540256	0.377784	0.502719	0.511847	0.669905	0.688175	0.49178	0.745662	0.625488
0.420257	0.495765	0.370082	0.472008	0.553558	0.503291	0.634016	0.517654	0.672068	0.524381
0.424691	0.575986	0.311401	0.467095	0.741872	0.501675	0.583028	0.561838	0.525109	0.54604
0.370313	0.575986	0.317601	0.406597	0.683702	0.496068	0.543389	0.524166	0.578993	0.730567
0.323504	0.43854	0.349441	0.583235	0.433566	0.413015	0.621469	0.47829	0.369304	0.751989
0.363625	0.435243	0.417828	0.424574	0.376872	0.36162	0.564561	0.370963	0.519515	0.527644
0.401754	0.454037	0.419798	0.525266	0.434871	0.386867	0.523201	0.420996	0.475023	0.493792
0.385168	0.47801	0.305288	0.478409	0.60741	0.467576	0.568192	0.468081	0.456776	0.488523
0.437612	0.461649	0.348882	0.529275	0.408885	0.365727	0.628744	0.407624	0.567313	0.667452
0.463276	0.379236	0.401743	0.474131	0.39377	0.401982	0.489223	0.414577	0.658736	0.49607
0.401754	0.414089	0.417173	0.404175	0.424544	0.394989	0.434991	0.281208	0.423069	0.451948
0.381694	0.49501	0.305794	0.447978	0.490544	0.334457	0.376111	0.329233	0.458153	0.44648
0.243587	0.351826	0.400482	0.420793	0.445449	0.335555	0.505485	0.308782	0.381267	0.460281
0.344158	0.395113	0.312428	0.449316	0.288262	0.363376	0.417246	0.298418	0.424342	0.510782
0.468878	0.479462	0.383197	0.456749	0.344399	0.459454	0.38859	0.357347	0.535694	0.381034
0.427244	0.495765	0.52091	0.43938	0.572867	0.318832	0.461974	0.229148	0.381267	0.350582
0.226315	0.542773	0.536132	0.524469	0.603541	0.37286	0.469898	0.356789	0.513992	0.401364
0.330109	0.492755	0.50141	0.418915	0.511068	0.343884	0.630845	0.462353	0.48886	0.572453
0.48613	0.580552	0.465585	0.389335	0.475225	0.290661	0.461974	0.346863	0.384164	0.418852
0.466769	0.579635	0.50141	0.382963	0.475942	0.336656	0.423734	0.346863	0.440588	0.330885
0.454325	0.504922	0.461218	0.499699	0.588398	0.37346	0.347768	0.268278	0.30614	0.472366
0.429813	0.495765	0.472964	0.461546	0.703854	0.43596	0.483935	0.515237	0.428186	0.514738
0.482479	0.472965	0.574813	0.648029	0.712432	0.492107	0.624572	0.673402	0.510089	0.546895
0.515714	0.625991	0.550126	0.575104	0.634474	0.339977	0.483185	0.494835	0.444579	0.386324
0.528459	0.544459	0.557295	0.458799	0.6492	0.39562	0.669362	0.577316	0.361508	0.508426
0.431103	0.617914	0.561837	0.61247	0.758063	0.635662	0.596439	0.649772	0.405618	0.587225
0.451607	0.699076	0.539588	0.734427	0.726263	0.579138	0.418536	0.627362	0.437947	0.507643
0.442891	0.611952	0.502205	0.624336	0.482452	0.537805	0.537403	0.561838	0.473592	0.470209
0.436303	0.488278	0.469259	0.452679	0.462511	0.378287	0.652435	0.533282	0.501625	0.420769
0.510254	0.566997	0.528454	0.57421	0.646002	0.30273	0.533177	0.508857	0.421799	0.463094
0.483207	0.664325	0.491978	0.432881	0.608383	0.362205	0.495347	0.372118	0.445247	0.706429
0.510254	0.538586	0.518424	0.519716	0.416957	0.278436	0.438358	0.494835	0.386497	0.598643
0.402963	0.536093	0.490426	0.43482	0.394365	0.299175	0.439712	0.355119	0.451992	0.469492
0.423419	0.588893	0.530998	0.513458	0.712432	0.388107	0.595468	0.444925	0.375529	0.437739
0.354865	0.630087	0.423767	0.543188	0.696634	0.461654	0.610278	0.497141	0.367622	0.589107
0.340472	0.487537	0.491201	0.565368	0.531794	0.451481	0.516675	0.586685	0.39655	0.675432
0.504861	0.471534	0.436579	0.543188	0.474509	0.377075	0.454894	0.50335	0.392975	0.608393
0.592822	0.584239	0.506203	0.508823	0.540036	0.319362	0.575547	0.310784	0.342081	0.399532
0.536619	0.72517	0.598002	0.631411	0.641774	0.349527	0.550332	0.39526	0.358209	0.398923

0.450255	0.679044	0.510239	0.564494	0.67227	0.399426	0.572774	0.470249	0.416755	0.587225
0.497271	0.694279	0.485037	0.532509	0.382047	0.257722	0.558278	0.426201	0.295107	0.54861
0.572671	0.61294	0.396096	0.402367	0.391991	0.429085	0.536555	0.267369	0.376671	0.469492
0.585386	0.726452	0.440705	0.532509	0.646002	0.59185	0.583028	0.466642	0.413633	0.54179
0.331134	0.79595	0.733116	0.658748	0.693069	0.50087	0.54167	0.48051	0.411151	0.59576
0.332677	0.575986	0.528454	0.455388	0.451515	0.433886	0.641506	0.50179	0.503917	0.537582
0.339424	0.453352	0.437264	0.575104	0.525311	0.561204	0.615329	0.589536	0.548236	0.544335
0.416493	0.458866	0.485803	0.560148	0.517341	0.478138	0.428995	0.374435	0.654381	0.472366
0.574465	0.512704	0.319165	0.552434	0.443446	0.397519	0.436335	0.519273	0.502387	0.553797
0.66841	0.609002	0.425765	0.504998	0.466006	0.457993	0.579271	0.409509	0.434669	0.603491
0.62694	0.512704	0.520079	0.498947	0.406431	0.507356	0.511844	0.387408	0.501625	0.628576
0.535796	0.463749	0.39797	0.456749	0.371759	0.432509	0.448619	0.316339	0.664241	0.50921
0.522837	0.4561	0.334039	0.512682	0.501065	0.705789	0.610278	0.476082	0.563782	0.575184
0.575364	0.400538	0.276426	0.443989	0.535896	0.75059	0.786168	0.582913	0.511646	0.666323
0.581715	0.491258	0.416519	0.494463	0.380315	0.807016	0.820629	0.675721	0.620029	0.666323
0.448234	0.402361	0.403642	0.488556	0.418212	0.70066	0.532337	0.432132	0.569981	0.434424
0.473839	0.593597	0.52091	0.670852	0.474509	0.579138	0.501558	0.469525	0.472878	0.387508
0.662867	0.488278	0.429116	0.593385	0.488322	0.429768	0.447237	0.341445	0.388841	0.321107
0.463972	0.441862	0.535272	0.405385	0.349735	0.51477	0.355519	0.388607	0.506221	0.44648
0.451607	0.460255	0.605005	0.394029	0.338081	0.478138	0.447927	0.398932	0.506221	0.475259
0.351087	0.437879	0.456177	0.36494	0.345993	0.440139	0.319101	0.508857	0.41927	0.484056
0.52204	0.408494	0.477452	0.395802	0.322677	0.377681	0.265524	0.37735	0.437947	0.400142
0.494272	0.362806	0.435895	0.458114	0.402169	0.407139	0.365122	0.325065	0.434669	0.401364
0.44958	0.375213	0.506203	0.330483	0.425822	0.429768	0.367412	0.298906	0.42626	0.284526
0.368073	0.367276	0.380783	0.392263	0.318161	0.457265	0.226881	0.37154	0.268915	0.32829
0.410291	0.380393	0.39672	0.432236	0.507194	0.425688	0.325832	0.323512	0.366504	0.433105
0.553414	0.426786	0.560015	0.541528	0.465305	0.541324	0.392831	0.430146	0.493322	0.385143
0.792888	0.61294	0.840098	0.579603	0.585616	0.537805	0.497665	0.523347	0.577176	0.383377
0.927727	0.592652	0.727731	0.737018	0.711196	0.658188	0.444486	0.545168	0.472166	0.448523
2.3427	1.102868	1.147061	1.00527	0.777748	0.990763	0.688175	0.722311	0.694052	0.513151
1.259394	2.761369	1.233784	1.503629	1.452003	1.113486	1.552437	0.954586	1.081579	0.682391
1.647298	1.41592	1.388238	1.320508	1.124357	1.113486	1.330236	1.650825	1.1505	0.665198
1.204598	2.640626	1.360557	0.827007	0.612125	1.073199	1.032912	1.128957	1.200839	0.956845
1.098938	1.072522	0.529657	0.397243	0.430347	0.822518	2.865952	1.034404	1.164898	1.245681
1.046107	1.059315	0.264829	0.46345	1.236782	0.626433	0.724475	1.519241	2.219216	1.594842
1.317994	1.573198	0.662072	0.562761	1.224538	0.313216	0.675454	1.121858	1.557041	0.893508
1.335622	1.855504	2.824106	0.281381	0	0	1.629163	2.08492	1.007683	1.645469
0.667811	0.333905	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	1.310385	0	0	0	0
0	0	1.322099	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1.67611	0	0	0	0	0	0	0	0	0
0	0	0	0	0	1.718724	1.936533	0	0	0

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

[illegible]

0.471679	0.516343	0.446542	0.549401	0.550122	0.491276	0.517851	0.409412	0.464372	0.479794
0.513791	0.686964	0.451943	0.509354	0.470259	0.510632	0.62824	0.525089	0.575519	0.630301
0.536485	0.636092	0.465745	0.513443	0.321308	0.450815	0.330055	0.52755	0.575519	0.464087
0.579298	0.501857	0.474242	0.415312	0.33963	0.398248	0.184434	0.370465	0.518005	0.400004
0.351597	0.433969	0.409277	0.489467	0.430925	0.521049	0.344904	0.31411	0.455928	0.380787
0.430674	0.512483	0.401951	0.548509	0.468816	0.56541	0.474288	0.454279	0.555782	0.374765
0.550866	0.576088	0.525005	0.4293	0.499383	0.476389	0.654819	0.48153	0.421764	0.5499
0.594244	0.40844	0.562767	0.381891	0.563343	0.628108	0.573791	0.450817	0.458024	0.381394
0.572014	0.430138	0.437907	0.365221	0.472431	0.599012	0.394013	0.424723	0.470815	0.373571
0.476	0.391249	0.453303	0.588607	0.496304	0.570833	0.460931	0.368179	0.464372	0.340841
0.621706	0.325566	0.363173	0.404949	0.408427	0.564513	0.503914	0.424075	0.488479	0.360066
0.513791	0.489294	0.509221	0.345245	0.505606	0.57357	0.398421	0.411296	0.393098	0.386279
0.402889	0.364756	0.304721	0.311969	0.461677	0.51943	0.460931	0.525908	0.426949	0.340841
0.431327	0.304596	0.257098	0.361152	0.487949	0.429938	0.50553	0.501987	0.464372	0.422107
0.484037	0.523376	0.536405	0.519233	0.393647	0.269584	0.346585	0.480052	0.429564	0.456802
0.489229	0.474964	0.588967	0.445155	0.528944	0.452197	0.421154	0.459875	0.388897	0.611333
0.433291	0.435253	0.550663	0.445155	0.573301	0.366435	0.481891	0.564457	0.376533	0.506494
0.509861	0.507897	0.48218	0.403033	0.599728	0.426663	0.483427	0.44944	0.285721	0.488254
0.570211	0.540246	0.557539	0.417283	0.624765	0.641812	0.5015	0.692753	0.435508	0.461889
0.584843	0.59798	0.56806	0.292766	0.655739	0.66717	0.568142	0.588396	0.349527	0.508931
0.651021	0.70454	0.596481	0.243295	0.581621	0.571743	0.627167	0.437909	0.26728	0.526382
0.429372	0.498868	0.416103	0.310936	0.622708	0.465549	0.59317	0.531684	0.44086	0.547223
0.34033	0.381479	0.638219	0.524258	0.575136	0.47859	0.471284	0.594113	0.461539	0.485159
0.438571	0.437187	0.566288	0.408161	0.442288	0.420186	0.506341	0.606764	0.331366	0.324557
0.45001	0.491484	0.430733	0.480236	0.432246	0.385005	0.540071	0.443975	0.382966	0.463353
0.436584	0.501857	0.487308	0.532765	0.597786	0.259699	0.462395	0.391002	0.317972	0.418124
0.461759	0.446328	0.430733	0.440268	0.557123	0.313552	0.32202	0.326361	0.406572	0.374765
0.412163	0.428235	0.562767	0.410748	0.544088	0.411277	0.375616	0.485993	0.518005	0.367059
0.47745	0.568155	0.425588	0.469708	0.618623	0.488257	0.639117	0.617765	0.633359	0.520487
0.440568	0.627997	0.359314	0.494945	0.598756	0.553888	0.732113	0.509026	0.716298	0.601142
0.468821	0.529726	0.318489	0.455098	0.601679	0.471297	0.608294	0.476379	0.632312	0.551694
0.406575	0.595183	0.524202	0.525946	0.599728	0.462704	0.611383	0.489748	0.554906	0.540164
0.45001	0.492217	0.518622	0.615818	0.742452	0.512218	0.645777	0.525089	0.565538	0.731758
0.459662	0.587809	0.499261	0.767363	0.73177	0.640742	0.678282	0.365338	0.49301	0.680485
0.505191	0.633039	0.529854	0.636044	0.504823	0.630188	0.57474	0.273303	0.481032	0.566318
0.38845	0.665676	0.401346	0.56208	0.451182	0.409392	0.525415	0.352503	0.54197	0.505685
0.478905	0.609355	0.37724	0.532765	0.598756	0.47859	0.590208	0.372188	0.497588	0.546335
0.443245	0.559506	0.331161	0.450809	0.511126	0.483025	0.481891	0.297324	0.587618	0.598131
0.509079	0.523376	0.237178	0.330979	0.375852	0.562724	0.512881	0.46769	0.621975	0.45608
0.373904	0.502608	0.215365	0.419263	0.301275	0.435897	0.503914	0.489748	0.620955	0.353752
0.420364	0.647476	0.456724	0.364638	0.358758	0.452197	0.688034	0.510606	0.580133	0.4461
0.572014	0.544361	0.483639	0.53105	0.568746	0.479326	0.64466	0.419559	0.59141	0.583381
0.591402	0.479213	0.373255	0.480236	0.498611	0.571743	0.601171	0.526728	0.498356	0.45608
0.349429	0.343936	0.332706	0.53105	0.396075	0.524305	0.53225	0.447383	0.500667	0.523845
0.456191	0.416373	0.367625	0.552087	0.380526	0.509841	0.502303	0.385627	0.631267	0.454641
0.577465	0.61128	0.366508	0.424587	0.353758	0.420186	0.569079	0.322239	0.49301	0.429506
0.492977	0.544361	0.451264	0.593519	0.384066	0.391576	0.452249	0.351953	0.580133	0.562616

0.495998	0.441733	0.497748	0.568562	0.483458	0.475658	0.447972	0.406912	0.531893	0.521324
0.443245	0.409045	0.44856	0.651573	0.453261	0.653755	0.39464	0.48153	0.607905	0.356037
0.543193	0.410258	0.468559	0.497313	0.412834	0.439242	0.334948	0.450817	0.521233	0.386894
0.513791	0.488566	0.347405	0.515915	0.393042	0.44875	0.438153	0.374495	0.40471	0.352046
0.499805	0.383187	0.398934	0.548509	0.434236	0.549536	0.438153	0.474919	0.585735	0.307835
0.613681	0.468667	0.442536	0.533624	0.458853	0.739923	0.438153	0.492776	0.491494	0.400004
0.544886	0.3971	0.523401	0.425928	0.382292	0.476389	0.34156	0.455671	0.464372	0.316116
0.471679	0.358782	0.406821	0.286874	0.283062	0.534222	0.48036	0.510606	0.461539	0.404463
0.441236	0.368601	0.520209	0.174497	0.298834	0.457769	0.457292	0.391603	0.446961	0.409617
0.473114	0.330086	0.456038	0.479475	0.436235	0.544371	0.510417	0.541769	0.438176	0.346968
0.542349	0.410866	0.503829	0.404309	0.529772	0.523488	0.440239	0.553838	0.374795	0.450349
0.617675	0.315198	0.489524	0.439575	0.419851	0.421474	0.283934	0.616753	0.485485	0.425454
0.600949	0.375272	0.557539	0.464538	0.477542	0.553888	0.289316	0.439922	0.377114	0.500861
0.49373	0.436542	0.527423	0.514265	0.500156	0.509841	0.376216	0.640639	0.464372	0.489031
0.375624	0.338755	0.416729	0.476447	0.505606	0.472746	0.440239	0.569866	0.47226	0.464822
0.520155	0.463831	0.462949	0.479475	0.472431	0.413804	0.34771	0.5469	0.323588	0.533218
0.573823	0.457692	0.521802	0.387388	0.427638	0.497376	0.551623	0.51458	0.402856	0.530642
0.341922	0.394165	0.554948	0.438882	0.548389	0.554763	0.482658	0.597967	0.388897	0.523845
0.353777	0.387199	0.64771	0.626346	0.568746	0.44533	0.547143	0.761751	0.437507	0.534081
0.46457	0.40844	0.536405	0.468225	0.642653	0.354667	0.570957	0.609737	0.379445	0.49059
0.536485	0.551868	0.517831	0.400492	0.544945	0.328908	0.502303	0.591245	0.444918	0.56539
0.509861	0.550188	0.488784	0.340254	0.454652	0.413171	0.452249	0.488242	0.465084	0.451775
0.383157	0.596113	0.54222	0.392334	0.545803	0.546086	0.525415	0.582754	0.489984	0.511382
0.438571	0.690423	0.616849	0.619999	0.698765	0.489764	0.530531	0.630092	0.521233	0.607228
0.427426	0.741981	0.491008	0.540566	0.627868	0.526763	0.62824	0.567153	0.497588	0.537547
0.46036	0.632026	0.426228	0.394203	0.583492	0.418902	0.584343	0.49506	0.416005	0.517984
0.428722	0.626996	0.523401	0.427274	0.592012	0.429938	0.597152	0.534183	0.545382	0.762772
0.397418	0.546018	0.457411	0.564846	0.565137	0.524305	0.737605	0.520207	0.54197	0.745582
0.520155	0.622023	0.40621	0.61478	0.494009	0.558283	0.64022	0.418278	0.580133	0.480556
0.577465	0.538611	0.516253	0.529342	0.42114	0.344828	0.539195	0.38267	0.544527	0.38936
0.567522	0.533742	0.38474	0.441659	0.514312	0.436564	0.407372	0.279766	0.442884	0.566318
0.508299	0.639167	0.424312	0.494158	0.48495	0.42797	0.55524	0.384442	0.483996	0.544563
0.428074	0.685817	0.376669	0.463805	0.376434	0.392178	0.724002	0.590294	0.634409	0.460429
0.404728	0.454319	0.339469	0.477958	0.438243	0.466979	0.57474	0.501212	0.789389	0.475248
0.502874	0.432049	0.315998	0.375864	0.537292	0.623977	0.503108	0.445335	0.595235	0.504878
0.4833	0.665676	0.441871	0.534486	0.611566	0.645037	0.578555	0.386221	0.634409	0.53929
0.586707	0.708142	0.599333	0.602504	0.389429	0.515409	0.62824	0.46341	0.502215	0.480556
0.470248	0.515568	0.623856	0.684405	0.353758	0.472746	0.62824	0.468408	0.64505	0.398738
0.497517	0.446328	0.415478	0.478716	0.365515	0.453583	0.460201	0.405667	0.596197	0.441891
0.518556	0.426971	0.368745	0.526793	0.486447	0.591317	0.498302	0.533349	0.559304	0.430864
0.621706	0.428868	0.46715	0.674768	0.495538	0.671735	0.561643	0.498125	0.634409	0.33371
0.623735	0.562945	0.515466	0.587631	0.412834	0.536737	0.496712	0.464832	0.510828	0.393087
0.660881	0.557797	0.653073	0.450098	0.360999	0.463414	0.54893	0.638509	0.489984	0.42144
0.617675	0.470058	0.463647	0.434065	0.390029	0.659294	0.443737	0.622859	0.588563	0.5499
0.557801	0.428868	0.375528	0.536214	0.414102	0.613818	0.466077	0.595073	0.539429	0.468517
0.626798	0.390088	0.508447	0.539692	0.357085	0.572655	0.401596	0.608744	0.569141	0.4461
0.544886	0.432049	0.517041	0.409452	0.458853	0.509841	0.300282	0.528374	0.51162	0.476002

0.574731	0.658089	0.642412	0.487915	0.508752	0.504344	0.442334	0.570774	0.368481	0.444692
0.549149	0.431411	0.577026	0.462342	0.585371	0.424061	0.383492	0.585566	0.404091	0.463353
0.64671	0.40844	0.561891	0.428624	0.537292	0.4007	0.421154	0.70869	0.432856	0.495301
0.587642	0.577871	0.623856	0.462342	0.545803	0.406268	0.41388	0.510606	0.409694	0.463353
0.488484	0.4959	0.479276	0.410748	0.454652	0.505907	0.503108	0.501212	0.362258	0.621768
0.458966	0.428235	0.443201	0.443054	0.493247	0.435897	0.646897	0.43724	0.393702	0.619661
0.413414	0.39769	0.554948	0.517571	0.497841	0.422119	0.475043	0.54262	0.569141	0.629225
0.403501	0.45837	0.548113	0.541441	0.639442	0.558283	0.544478	0.592199	0.524485	0.569116
0.533996	0.585985	0.596481	0.599488	0.645888	0.517817	0.427874	0.516983	0.390094	0.563539
0.429372	0.662409	0.496994	0.603513	0.615584	0.546086	0.645777	0.48227	0.483253	0.572875
0.393808	0.487839	0.443867	0.580861	0.50093	0.397637	0.609322	0.398884	0.455231	0.552594
0.46246	0.556095	0.602204	0.401126	0.405306	0.374462	0.5015	0.391603	0.470815	0.48981
0.458966	0.629001	0.687893	0.532765	0.61357	0.508263	0.566275	0.570774	0.391894	0.582416
0.399234	0.625	0.482909	0.493373	0.625797	0.621926	0.613455	0.445335	0.385921	0.667385
0.421639	0.65275	0.473528	0.4375	0.350457	0.441938	0.662887	0.386816	0.429564	0.485159
0.371052	0.551027	0.464345	0.556601	0.422432	0.316074	0.472034	0.473464	0.667147	0.49059
0.533996	0.596113	0.513896	0.510985	0.433572	0.409392	0.649146	0.469127	0.622998	0.388742
0.627823	0.541887	0.424312	0.600491	0.434901	0.413171	0.722665	0.569866	0.562856	0.48593
0.539826	0.398871	0.287639	0.433381	0.465232	0.472746	0.507153	0.397052	0.465796	0.574766
0.469534	0.391249	0.357671	0.673579	0.460969	0.435897	0.269118	0.401338	0.495293	0.394337
0.531521	0.321587	0.46715	0.560246	0.538981	0.51943	0.389031	0.40816	0.653754	0.437033
0.513791	0.516343	0.401346	0.533624	0.581621	0.654857	0.570957	0.491259	0.573687	0.385665
0.599023	0.376956	0.446542	0.561162	0.44637	0.634379	0.568142	0.487491	0.485485	0.401273
0.642442	0.313251	0.43725	0.50209	0.413467	0.570833	0.462395	0.628013	0.535226	0.477515
0.572917	0.358782	0.474958	0.62422	0.483458	0.579096	0.525415	0.624913	0.584796	0.569116
0.694264	0.650633	0.588037	0.684405	0.391834	0.741268	0.491977	0.64493	0.483253	0.453205
0.578381	0.550188	0.649847	0.7979	0.566938	0.789648	0.484969	0.567153	0.580133	0.391841
0.762817	0.522589	0.604128	0.579903	0.689094	0.777777	0.488849	0.568959	0.639697	0.519651
0.580217	0.498868	0.525809	0.44868	0.515913	0.663777	0.474288	0.586507	0.602011	0.621768
0.473834	0.335165	0.589899	0.62105	0.573301	0.605859	0.478834	0.532516	0.429564	0.54368
0.663102	0.477083	0.558406	0.629554	0.510333	0.682186	0.606247	0.692753	0.52694	0.445395
0.599984	0.575199	0.664003	0.639325	0.484203	0.604874	0.507967	0.751985	0.52694	0.485159
0.503645	0.409045	0.628932	0.577039	0.657959	0.47859	0.341005	0.811003	0.507677	0.453922
0.44797	0.407233	0.760261	0.469708	0.571473	0.511424	0.409964	0.692753	0.577359	0.731758
0.436584	0.419464	0.639264	0.358268	0.418567	0.528409	0.489629	0.712452	0.517202	0.557121
0.716354	0.54271	0.593648	0.424587	0.66131	0.638611	0.360858	0.621835	0.421764	0.461889
0.509079	0.556095	0.658504	0.503693	0.630994	0.477121	0.316745	0.649265	0.368481	0.513846
0.430674	0.435253	0.554087	0.455817	0.61357	0.387979	0.458744	0.61273	0.455928	0.51467
0.66199	0.543535	0.580666	0.394827	0.490212	0.498915	0.604209	0.614737	0.491494	0.653531
0.627823	0.437187	0.54222	0.406231	0.648058	0.597075	0.724002	0.633229	0.330321	0.5499
0.677827	0.52813	0.784406	0.508541	0.50639	0.513014	0.583373	0.576262	0.471537	0.67329
0.516962	0.59148	0.733474	0.667679	0.664688	0.490519	0.518685	0.586507	0.442208	0.546335
0.402889	0.522589	0.561891	0.512622	0.701216	0.39886	0.481125	0.42278	0.443561	0.601142
0.532345	0.630007	0.592708	0.529342	0.664688	0.618868	0.577598	0.347038	0.527762	0.552594
0.470248	0.601739	0.653073	0.480236	0.701216	0.441262	0.545365	0.474919	0.410949	0.684127
0.663102	0.668969	0.738701	0.564846	0.67498	0.526763	0.55524	0.49659	0.455928	0.702812
0.487739	0.649578	0.721938	0.794748	0.678466	0.506691	0.564416	0.615744	0.545382	0.652396

0.499805	0.67563	0.491752	0.571369	0.451874	0.48901	0.586289	0.49506	0.682138	0.530642
0.502874	0.581458	0.430086	0.401761	0.521566	0.44875	0.686803	0.539226	0.627113	0.572875
0.565738	0.600796	0.358218	0.506919	0.742452	0.506691	0.604209	0.512986	0.624023	0.656953
0.476	0.680128	0.554948	0.704344	0.664688	0.386192	0.650274	0.597	0.592363	0.67329
0.481097	0.569029	0.524202	0.677157	0.500156	0.464124	0.685575	0.532516	0.743806	0.617564
0.513791	0.411474	0.290908	0.414003	0.538981	0.613818	0.661725	0.417	0.716298	0.568182
0.510644	0.576978	0.619838	0.723906	0.624765	0.586576	0.720003	0.370465	0.490739	0.497675
0.467399	0.688114	0.677493	0.727927	0.624765	0.453583	0.540071	0.271474	0.400396	0.603162
0.449329	0.664584	0.536405	0.670029	0.530601	0.51381	0.764688	0.597	0.52694	0.471496
0.384328	0.562083	0.461558	0.738834	0.516716	0.440588	0.627167	0.573509	0.638634	0.524689
0.544886	0.517896	0.44856	0.588607	0.601679	0.660411	0.618678	0.409412	0.629185	0.640105
0.497517	0.645384	0.492497	0.573251	0.487197	0.683363	0.718678	0.51458	0.52367	0.525535
0.421001	0.666771	0.405599	0.686848	0.616595	0.598042	0.704364	0.474191	0.64721	0.606208
0.448649	0.523376	0.388832	0.615818	0.461677	0.443292	0.685575	0.457068	0.451077	0.525535
0.580217	0.492951	0.403164	0.521738	0.404064	0.37043	0.514531	0.459875	0.584796	0.454641
0.5307	0.512483	0.441208	0.499695	0.457448	0.615831	0.592181	0.519399	0.489231	0.398107
0.433291	0.744595	0.578842	0.658403	0.566036	0.546946	0.548036	0.344872	0.5156	0.330998
0.461059	0.693909	0.638219	0.809116	0.566036	0.589414	0.674681	0.521017	0.703787	0.451775
0.446615	0.589641	0.69378	0.776301	0.370653	0.580024	0.5719	0.543473	0.62505	0.339185
0.431327	0.511716	0.462253	0.526793	0.485698	0.660411	0.607269	0.619795	0.542821	0.370007
0.505191	0.475669	0.305206	0.546731	0.588204	0.583756	0.452249	0.457768	0.472985	0.558945
0.556928	0.749872	0.485836	0.848152	0.636255	0.549536	0.443737	0.448753	0.610882	0.353183
0.546586	0.797522	0.656324	0.925717	0.60957	0.666036	0.49041	0.546041	0.727875	0.483619
0.637164	0.645384	0.629954	0.709475	0.432908	0.543516	0.598153	0.507452	0.55754	0.44399
0.703943	0.465897	0.316992	0.544961	0.462385	0.532553	0.385331	0.622859	0.428909	0.351479
0.591402	0.570783	0.438566	0.599488	0.415373	0.48901	0.338793	0.464832	0.552288	0.572875
0.617675	0.576978	0.575218	0.750022	0.526471	0.504344	0.409314	0.52755	0.550551	0.494512
0.645639	0.764724	0.793258	0.748607	0.527294	0.822468	0.603194	0.560888	0.666015	0.488254
0.590459	0.557797	0.788809	0.663016	0.474614	0.804968	0.680699	0.854169	0.550551	0.404463
0.624754	0.453647	0.46715	0.518401	0.406551	0.637549	0.419158	0.655848	0.521233	0.570053
0.615673	0.53455	0.651995	0.657257	0.542379	0.495079	0.35912	0.54262	0.520424	0.508931
0.634028	0.70454	0.705799	0.705621	0.513513	0.695311	0.529674	0.697595	0.479558	0.412217
0.640323	0.609355	0.808426	0.587631	0.498611	0.782187	0.649146	0.747866	0.53439	0.413522
0.834233	0.556095	0.656324	0.594508	0.642653	0.597075	0.673487	0.647092	0.396124	0.506494
0.675529	0.375272	0.577933	0.613743	0.734416	0.619885	0.484969	0.531684	0.522856	0.603162
0.666456	0.505622	0.617843	0.560246	0.532264	0.55564	0.450819	0.745141	0.537743	0.72635
0.612688	0.461092	0.643466	0.473439	0.476076	0.497376	0.392138	0.545183	0.420478	0.646766
0.630915	0.507897	0.554087	0.417942	0.574217	0.406891	0.436078	0.459875	0.351714	0.522163
0.609723	0.493686	0.557539	0.539692	0.754791	0.585634	0.701811	0.738404	0.620955	0.627081
0.560431	0.417607	0.67295	0.50209	0.616595	0.547808	0.601171	0.670465	0.602988	0.751237
0.431327	0.302695	0.576121	0.524258	0.57883	0.469133	0.420488	0.589344	0.498356	0.597132
0.571112	0.395924	0.513896	0.447267	0.66019	0.55652	0.538321	0.576262	0.560189	0.662717
0.572917	0.697424	0.493243	0.393579	0.533098	0.599012	0.721332	0.361953	0.442884	0.577619
0.475277	0.499613	0.38184	0.37947	0.518327	0.43523	0.517851	0.31411	0.456625	0.669737
0.4833	0.498124	0.555809	0.395453	0.582555	0.484513	0.601171	0.604794	0.59141	0.443289
0.620694	0.523376	0.605094	0.449389	0.657959	0.517012	0.591193	0.793957	0.658173	0.607228
0.654283	0.660244	0.438566	0.367564	0.739757	0.669447	0.753078	0.576262	0.530236	0.611333

0.433291	0.524165	0.553229	0.442356	0.66019	0.57817	0.922575	0.51538	0.571863	0.710517
0.44459	0.513253	0.628932	0.569495	0.497841	0.473472	0.690507	0.536697	0.615889	0.696494
0.566629	0.748547	0.633035	0.478716	0.572386	0.492793	0.699274	0.560888	0.561965	0.573819
0.538989	0.529726	0.525005	0.494945	0.708656	0.480063	0.668744	0.54262	0.543673	0.508117
0.48183	0.522589	0.356579	0.47269	0.57883	0.416983	0.513705	0.48227	0.637574	0.650135
0.404728	0.569029	0.469973	0.50209	0.505606	0.373306	0.399054	0.305142	0.653754	0.662717
0.314623	0.528927	0.525005	0.542318	0.519135	0.312547	0.467558	0.328958	0.570047	0.457525
0.399234	0.724106	0.490265	0.365221	0.494009	0.409392	0.594162	0.416363	0.614883	0.549006
0.478177	0.635072	0.504596	0.492589	0.595853	0.505907	0.595157	0.391002	0.490739	0.561695
0.516167	0.556095	0.407434	0.56208	0.611566	0.521049	0.567208	0.494297	0.528585	0.522163
0.389635	0.491484	0.500019	0.645963	0.587258	0.5574	0.461662	0.486741	0.520424	0.533218
0.516167	0.724106	0.352238	0.411397	0.393647	0.457769	0.562566	0.55559	0.624023	0.534945
0.790289	0.823462	0.550663	0.591548	0.387037	0.517012	0.54271	0.447383	0.55754	0.480556
0.647784	0.61613	0.543057	0.710767	0.432246	0.51621	0.634734	0.441269	0.65047	0.506494
0.586707	0.565542	0.543895	0.638228	0.553609	0.761951	0.520358	0.468408	0.55754	0.567249
0.549149	0.685817	0.637177	0.589585	0.44774	0.641812	0.548036	0.597967	0.481771	0.375963
0.47745	0.677873	0.607031	0.666508	0.408427	0.594186	0.484198	0.616753	0.507677	0.320844
0.588579	0.48639	0.456724	0.691775	0.457448	0.528409	0.685575	0.597	0.401624	0.343615
0.705168	0.465207	0.453985	0.640424	0.596818	0.675191	0.478834	0.488242	0.751996	0.500063
0.491474	0.50036	0.595535	0.526793	0.562449	0.715138	0.41388	0.451507	0.62608	0.556212
0.567522	0.636092	0.642412	0.535349	0.440935	0.607835	0.470537	0.675063	0.519616	0.627081
0.540666	0.581458	0.557539	0.617904	0.42114	0.674036	0.530531	0.664785	0.510828	0.532358
0.705168	0.697424	0.551517	0.683188	0.519944	0.58752	0.534842	0.608744	0.308936	0.422107
0.624754	0.615156	0.602204	0.726582	0.795589	0.63649	0.436769	0.660293	0.535226	0.487478
0.544886	0.536982	0.59743	0.476447	0.643729	0.700184	0.576643	0.588396	0.726573	0.830646
0.734347	0.488566	0.623856	0.392334	0.457448	0.616841	0.536578	0.660293	0.489984	0.711815
0.544039	0.391249	0.71816	0.670029	0.628908	0.671735	0.577598	0.599907	0.455928	0.523845
0.384914	0.421952	0.824142	0.683188	0.615584	0.511424	0.479596	0.797007	0.510038	0.65925
0.526614	0.575199	0.737388	0.55479	0.758983	0.457769	0.389031	0.636389	0.46794	0.733121
0.606779	0.596113	0.468559	0.340254	0.628908	0.469133	0.579515	0.490503	0.374795	0.590203
0.645639	0.465897	0.592708	0.53882	0.825631	0.708844	0.612418	0.42278	0.483996	0.631379
0.546586	0.467973	0.760261	0.584717	0.695113	0.583756	0.360858	0.70496	0.514801	0.554399
0.419727	0.569029	0.711936	0.547619	0.646971	0.436564	0.49592	0.729143	0.530236	0.487478
0.383742	0.469362	0.509221	0.385548	0.550122	0.458471	0.625029	0.664785	0.563748	0.586292
0.45827	0.62005	0.57073	0.41335	0.52238	0.469853	0.677078	0.525089	0.592363	0.555304
0.612688	0.738088	0.734775	0.661858	0.592969	0.362477	0.667566	0.532516	0.508462	0.560777
0.469534	0.634054	0.737388	0.777809	0.703682	0.469133	0.557972	0.554713	0.562856	0.508117
0.46036	0.521019	0.487308	0.60554	0.545803	0.568113	0.686803	0.616753	0.705022	0.626013
0.578381	0.697424	0.485836	0.638228	0.612567	0.65707	0.737605	0.658065	0.735767	0.467035
0.533996	0.578765	0.320491	0.406231	0.565137	0.438571	0.587265	0.476379	0.470095	0.414177
0.531521	0.583263	0.392964	0.555694	0.623735	0.431255	0.566275	0.48153	0.64183	0.451061
0.401667	0.522589	0.533937	0.64932	0.554485	0.537579	0.576643	0.468408	0.607905	0.500861
0.478177	0.541887	0.550663	0.659551	0.487197	0.600957	0.597152	0.448753	0.581062	0.359488
0.516962	0.510184	0.500778	0.584717	0.668091	0.660411	0.470537	0.406912	0.544527	0.518817
0.516167	0.59056	0.428153	0.64932	0.606594	0.589414	0.471284	0.44944	0.570047	0.453205
0.591402	0.677873	0.482909	0.685624	0.53645	0.603891	0.683131	0.501987	0.695239	0.528081
0.63195	0.667869	0.543057	0.690538	0.487197	0.559168	0.764688	0.487491	0.444918	0.532358

0.516962	0.580559	0.588967	0.585686	0.362687	0.525123	0.570957	0.559115	0.50925	0.48132
0.552589	0.451639	0.610932	0.491025	0.478277	0.62295	0.510417	0.521017	0.58951	0.461889
0.648861	0.636092	0.485836	0.671209	0.566938	0.70141	0.520358	0.486741	0.700103	0.480556
0.665336	0.736798	0.551517	0.805882	0.508752	0.621926	0.667566	0.567153	0.559304	0.454641
0.612688	0.569029	0.600288	0.656114	0.44637	0.610816	0.547143	0.556469	0.490739	0.445395
0.616673	0.48639	0.604128	0.574195	0.561557	0.619885	0.472784	0.663657	0.522856	0.458249
0.590459	0.606483	0.522601	0.607576	0.61964	0.662652	0.482658	0.615744	0.613879	0.641208
0.512215	0.558651	0.676353	0.673579	0.396075	0.501233	0.407372	0.667048	0.540275	0.685348
0.634028	0.493686	0.684399	0.641526	0.618623	0.603891	0.381662	0.512986	0.426949	0.454641
0.587642	0.47426	0.664003	0.428624	0.468816	0.660411	0.452249	0.571683	0.40101	0.496882
0.52499	0.425711	0.426228	0.455817	0.580689	0.635433	0.423159	0.695167	0.390094	0.531499
0.685968	0.54271	0.595535	0.58375	0.614576	0.466264	0.455845	0.516181	0.49301	0.666213
0.803935	0.595183	0.787336	0.61686	0.627868	0.525942	0.452966	0.606764	0.536902	0.624948
0.711347	0.49664	0.583415	0.580861	0.761801	0.785156	0.538321	0.702491	0.527762	0.675675
0.659774	0.569905	0.515466	0.598487	0.655739	0.752176	0.586289	0.733088	0.447644	0.567249
0.558676	0.538611	0.588967	0.481761	0.654633	0.579096	0.473536	0.554713	0.392496	0.479033
0.730428	0.548515	0.730884	0.508541	0.546664	0.635433	0.440936	0.52755	0.386515	0.582416
0.775614	0.580559	0.698548	0.563	0.612567	0.766208	0.570957	0.792441	0.621975	0.719683
0.407192	0.555246	0.736079	0.440963	0.616595	0.725402	0.668744	0.877476	0.713767	0.762772
0.389042	0.495161	0.669573	0.427274	0.623735	0.625006	0.725343	0.667048	0.362258	0.626013
0.512215	0.484224	0.774301	0.61686	0.709908	0.547808	0.457292	0.4845	0.303996	0.431545
0.550866	0.523376	0.721938	0.514265	0.616595	0.454974	0.459472	0.433248	0.40101	0.594149
0.441905	0.457692	0.571624	0.530195	0.709908	0.520238	0.709514	0.635333	0.396124	0.6581
0.457576	0.549351	0.456724	0.465273	0.623735	0.563617	0.775108	0.479315	0.407195	0.686573
0.467399	0.595183	0.491752	0.387388	0.490212	0.505907	0.632558	0.403188	0.372488	0.558032
0.384328	0.391249	0.529854	0.523416	0.509542	0.403166	0.602181	0.544327	0.659285	0.56539
0.362607	0.497381	0.653073	0.730628	0.655739	0.553888	0.70054	0.50432	0.531893	0.608251
0.647784	0.724106	0.628932	0.608598	0.833895	0.572655	0.463129	0.477845	0.472985	0.482851
0.634028	0.709349	0.529042	0.751441	0.757582	0.705111	0.667566	0.411927	0.454536	0.482851
0.390229	0.533742	0.397135	0.660703	0.471706	0.524305	0.507967	0.541769	0.596197	0.63246
0.405342	0.75791	0.61884	0.690538	0.459557	0.483025	0.658258	0.654744	0.817302	0.567249
0.50057	0.633039	0.532299	0.611678	0.686709	0.480063	0.661725	0.494297	0.774624	0.480556
0.547439	0.602684	0.552372	0.575141	0.575136	0.419544	0.404795	0.352503	0.720123	0.678074
0.645639	0.571663	0.607031	0.60554	0.449113	0.570833	0.421154	0.434575	0.636517	0.511382
0.63195	0.717896	0.521005	0.628482	0.494009	0.450125	0.30434	0.562669	0.637574	0.553496
0.504417	0.749872	0.532299	0.574195	0.467379	0.563617	0.499898	0.520207	0.389495	0.471496
0.583914	0.583263	0.475674	0.727927	0.464518	0.599983	0.530531	0.404426	0.579206	0.533218
0.721419	0.657016	0.54222	0.580861	0.389429	0.626038	0.421822	0.541769	0.894195	0.725008
0.451376	0.514795	0.455352	0.568562	0.409681	0.717682	0.517851	0.531684	0.602011	0.541919
0.505191	0.432049	0.501539	0.531906	0.507176	0.637549	0.575691	0.565354	0.488479	0.404463
0.777059	0.667869	0.509221	0.582785	0.379353	0.501233	0.629315	0.534183	0.413469	0.350347
0.740958	0.576088	0.611912	0.758606	0.558891	0.58282	0.528819	0.544327	0.602988	0.478273
0.579298	0.419464	0.48218	0.61686	0.624765	0.650465	0.375616	0.589344	0.624023	0.426801
0.475277	0.468667	0.610932	0.482525	0.471706	0.528409	0.348273	0.488242	0.517202	0.453922
0.568417	0.629001	0.678637	0.495733	0.414737	0.610816	0.562566	0.714979	0.477355	0.492939
0.523373	0.411474	0.56806	0.492589	0.430925	0.779237	0.508782	0.571683	0.447644	0.525535
0.651021	0.381479	0.61884	0.586657	0.479751	0.658181	0.447263	0.625944	0.582925	0.614437

0.733037	0.43913	0.529042	0.60554	0.575136	0.59611	0.520358	0.756144	0.570047	0.453922
0.618679	0.400649	0.451943	0.488691	0.554485	0.498145	0.4991	0.739743	0.603967	0.560777
0.680138	0.52654	0.509221	0.375864	0.328544	0.66717	0.498302	0.630092	0.403473	0.474495
0.787314	0.594254	0.543895	0.509354	0.512716	0.67059	0.2791	0.495824	0.52367	0.518817
0.707629	0.529726	0.58158	0.701801	0.79103	0.676349	0.36906	0.632181	0.702556	0.476002
0.559552	0.469362	0.714415	0.660703	0.83057	0.645037	0.426522	0.630092	0.593318	0.591186
0.552589	0.404228	0.674081	0.481761	0.623735	0.599983	0.429911	0.692753	0.470815	0.508117
0.634028	0.588724	0.667337	0.486368	0.481972	0.621926	0.510417	0.760342	0.460834	0.486704
0.715097	0.505622	0.697351	0.56763	0.569653	0.601933	0.564416	0.739743	0.550551	0.644534
0.545736	0.52654	0.624867	0.590565	0.757582	0.617853	0.478834	0.672758	0.566436	0.608251
0.454121	0.518674	0.624867	0.527641	0.644807	0.480063	0.442334	0.46058	0.410321	0.518817
0.703943	0.678999	0.655237	0.417283	0.523195	0.512218	0.540071	0.43925	0.342493	0.506494
0.712593	0.657016	0.577933	0.348043	0.560666	0.56541	0.516188	0.530026	0.387704	0.49847
0.532345	0.618086	0.708243	0.421917	0.488702	0.487506	0.447263	0.659178	0.551418	0.594149
0.489976	0.587809	0.748002	0.533624	0.559778	0.441938	0.461662	0.639572	0.48474	0.595141
0.522566	0.623013	0.599333	0.480236	0.673824	0.511424	0.485742	0.607753	0.566436	0.729046
0.585774	0.551027	0.635101	0.452948	0.591057	0.487506	0.530531	0.522641	0.540275	0.69775
0.461759	0.404228	0.64771	0.450098	0.618623	0.586576	0.478834	0.491259	0.53439	0.756966
0.499041	0.574312	0.664003	0.515089	0.665819	0.570833	0.595157	0.647092	0.536063	0.734488
0.644571	0.573427	0.574317	0.493373	0.684338	0.459173	0.566275	0.560001	0.543673	0.706648
0.816435	0.714213	0.526615	0.56208	0.596818	0.572655	0.580476	0.529199	0.524485	0.505685
0.755867	0.698602	0.654154	0.510169	0.820747	0.621926	0.606247	0.549489	0.458724	0.448928
0.630915	0.683533	0.636138	0.56208	0.811141	0.625006	0.615537	0.635333	0.478822	0.69775
0.518556	0.578765	0.616849	0.592532	0.767492	0.533387	0.584343	0.79548	0.629185	0.675675
0.470248	0.549351	0.503829	0.456537	0.50639	0.405024	0.467558	0.433911	0.409068	0.418124
0.452746	0.59148	0.565405	0.369329	0.507176	0.346995	0.508782	0.48227	0.333989	0.511382
0.486255	0.561222	0.58158	0.434065	0.52565	0.343209	0.579515	0.590294	0.40101	0.619661
0.37219	0.665676	0.67295	0.515915	0.607584	0.491276	0.513705	0.651448	0.547098	0.707934
0.391419	0.59056	0.699748	0.712063	0.847453	0.671735	0.785783	0.696379	0.684491	0.734488
0.433291	0.612246	0.460864	0.603513	0.573301	0.502009	0.854204	0.64493	0.551418	0.578574
0.566629	0.621036	0.559274	0.336957	0.419209	0.385598	0.630394	0.508238	0.64938	0.544563
0.621706	0.68126	0.502301	0.366391	0.490212	0.456369	0.53225	0.466259	0.423701	0.563539
0.410292	0.636092	0.605094	0.571369	0.67498	0.548671	0.671109	0.541769	0.385921	0.773124
0.363724	0.677873	0.608003	0.617904	0.697544	0.540113	0.633644	0.70869	0.610882	0.687801
0.417824	0.538611	0.44991	0.522577	0.479014	0.55564	0.578555	0.405667	0.510038	0.607228
0.519355	0.533742	0.558406	0.47269	0.643729	0.603891	0.685575	0.472013	0.475894	0.39122
0.463162	0.523376	0.694967	0.634955	0.692695	0.51381	0.549825	0.615744	0.598126	0.693992
0.467399	0.601739	0.665112	0.658403	0.532264	0.437232	0.553428	0.602832	0.581062	0.67329
0.492225	0.59798	0.517831	0.548509	0.614576	0.459877	0.605227	0.572595	0.504547	0.530642
0.594244	0.720369	0.441871	0.43475	0.548389	0.442614	0.686803	0.46058	0.571863	0.631379
0.718879	0.662409	0.520209	0.463805	0.664688	0.586576	0.672296	0.540919	0.554031	0.782197
0.501337	0.664584	0.85395	0.527641	0.773258	0.552142	0.74457	0.624913	0.552288	0.702812
0.522566	0.684673	0.635101	0.5955	0.636255	0.338923	0.629315	0.584626	0.426949	0.518817
0.446615	0.664584	0.600288	0.673579	0.556242	0.458471	0.447263	0.369892	0.51881	0.422107
0.440568	0.661325	0.503065	0.469708	0.60957	0.558283	0.55524	0.445335	0.561076	0.46926
0.557801	0.606483	0.510774	0.467485	0.786518	0.517012	0.62824	0.530854	0.478088	0.457525
0.463162	0.604579	0.601245	0.450098	0.625797	0.575404	0.556149	0.630092	0.581992	0.591186

0.424202	0.596113	0.590833	0.610649	0.544945	0.372729	0.514531	0.750608	0.613879	0.634631
0.363724	0.562083	0.537231	0.53795	0.423079	0.450815	0.560722	0.690352	0.668282	0.509746
0.562193	0.522589	0.497748	0.452948	0.64158	0.734586	0.654819	0.461286	0.525302	0.533218
0.529061	0.505622	0.671822	0.589585	0.774711	0.561832	0.520358	0.465545	0.448328	0.564463
0.605802	0.695078	0.733474	0.664177	0.754791	0.621926	0.61973	0.474919	0.501441	0.568182
0.538989	0.75791	0.737388	0.521738	0.577903	0.461288	0.609322	0.700036	0.513207	0.534081
0.488484	0.689267	0.578842	0.612709	0.486447	0.501233	0.603194	0.571683	0.513207	0.48132
0.618679	0.640197	0.588037	0.436811	0.66131	0.553888	0.667566	0.546041	0.520424	0.553496
0.537318	0.569029	0.687893	0.474189	0.550991	0.400086	0.507153	0.464832	0.424349	0.713116
0.456191	0.642264	0.541384	0.461612	0.603638	0.482283	0.54271	0.52755	0.498356	0.762772
0.618679	0.691582	0.531483	0.440268	0.576056	0.408765	0.580476	0.743785	0.642901	0.669737
0.561311	0.702155	0.611912	0.414003	0.519944	0.442614	0.654819	0.55559	0.73312	0.568182
0.449329	0.517896	0.533117	0.351425	0.634143	0.469133	0.524568	0.424723	0.49377	0.650135
0.368219	0.614184	0.657412	0.526793	0.752019	0.726702	0.609322	0.474919	0.463662	0.767179
0.499805	0.719131	0.816213	0.873753	0.81432	0.484513	0.650274	0.792441	0.581992	0.600136
0.559552	0.684673	0.59743	0.634955	0.750639	0.508263	0.650274	0.660293	0.721405	0.644534
0.599984	0.691582	0.703369	0.476447	0.721345	0.688103	0.754513	0.559115	0.615889	0.426127
0.577465	0.610317	0.65092	0.511803	0.630994	0.420829	0.66522	0.505101	0.469375	0.532358
0.383742	0.425711	0.629954	0.647079	0.713687	0.420829	0.54893	0.613732	0.49377	0.717044
0.555187	0.609355	0.691416	0.773301	0.639442	0.483025	0.55706	0.593155	0.475165	0.567249
0.572917	0.712992	0.589899	0.61895	0.565137	0.558283	0.545365	0.610732	0.44086	0.472993
0.502105	0.436542	0.48	0.53882	0.61964	0.5574	0.639117	0.535858	0.627113	0.636812
0.534824	0.705737	0.522601	0.565772	0.753403	0.537579	0.634734	0.509815	0.440187	0.669737
0.495998	0.504867	0.552372	0.603513	0.603638	0.395202	0.641326	0.696379	0.437507	0.585319
0.412163	0.506379	0.414231	0.603513	0.666954	0.411908	0.588244	0.64601	0.52694	0.593159
0.46457	0.561222	0.392371	0.491025	0.52238	0.496609	0.681913	0.540072	0.618921	0.572875
0.384914	0.583263	0.598381	0.475693	0.592969	0.462704	0.607269	0.553838	0.450388	0.434967
0.357068	0.654878	0.659598	0.513443	0.702447	0.494315	0.599157	0.596036	0.594276	0.68291
0.453433	0.749872	0.605094	0.60554	0.66131	0.498915	0.821153	0.603812	0.506109	0.654668
0.495998	0.649578	0.42751	0.629554	0.580689	0.607835	0.770611	0.558231	0.540275	0.644534
0.502105	0.662409	0.498504	0.533624	0.655739	0.51943	0.591193	0.419559	0.545382	0.579531
0.405958	0.630007	0.674081	0.529342	0.635198	0.533387	0.546253	0.403188	0.460834	0.604175
0.46036	0.558651	0.556673	0.503693	0.601679	0.462704	0.651406	0.597	0.570954	0.729046
0.428722	0.483505	0.504596	0.506919	0.393042	0.432576	0.579515	0.546041	0.561965	0.53581
0.48183	0.569029	0.425588	0.438882	0.394253	0.336265	0.53225	0.446699	0.630225	0.54368
0.529061	0.554399	0.481452	0.460883	0.492486	0.35744	0.467558	0.36932	0.483996	0.403185
0.454121	0.502608	0.620839	0.476447	0.614576	0.464124	0.434013	0.334725	0.464372	0.496882
0.517758	0.46041	0.511552	0.430656	0.577903	0.442614	0.50553	0.426024	0.486232	0.601142
0.522566	0.592403	0.438566	0.505303	0.42114	0.396418	0.533976	0.523455	0.549685	0.548114
0.619686	0.743286	0.57073	0.511803	0.467379	0.310545	0.590208	0.458469	0.40471	0.361223
0.588579	0.499613	0.34901	0.310936	0.617608	0.358554	0.492763	0.35971	0.295244	0.339736
0.439236	0.664584	0.465044	0.357694	0.67498	0.472021	0.557972	0.528374	0.489984	0.6134
0.538989	0.722857	0.648777	0.423918	0.604621	0.540962	0.595157	0.532516	0.449014	0.727696
0.523373	0.635072	0.513896	0.630629	0.608576	0.538422	0.595157	0.540919	0.500667	0.510563
0.642442	0.764724	0.659598	0.574195	0.804853	0.610816	0.737605	0.472013	0.518005	0.467035
0.445939	0.504112	0.623856	0.552087	0.645888	0.546946	0.561643	0.551223	0.41537	0.676873
0.639267	0.635072	0.569838	0.762963	0.487949	0.51381	0.450819	0.643853	0.475165	0.738615

0.762817	1.082271	0.608977	0.69426	0.592969	0.635433	0.474288	0.566252	0.627113	0.709224
0.872178	1.016222	0.644523	0.585686	0.701216	0.553888	0.685575	0.423427	0.52941	0.783728
0.557801	0.773044	0.802295	0.660703	0.945535	0.684543	0.82961	0.551223	0.505328	0.731758
0.606779	0.933866	0.843785	0.873753	0.856146	0.592271	0.738989	0.693959	0.480294	0.846301
0.702721	0.887744	0.782948	0.940838	0.764637	0.583756	0.857834	0.958207	0.735767	0.65925
0.902017	0.814129	0.614868	0.881354	0.81432	0.974467	0.847034	0.503541	0.592363	0.66388
0.668707	0.837849	0.765822	0.673579	0.958678	0.8815	1.10049	0.607753	0.522856	0.591186
0.386679	0.980932	0.936794	1.02286	1.061026	0.642884	0.852401	0.609737	0.530236	0.679278
0.382573	0.73423	0.822545	0.870002	1.000676	0.660411	0.905972	0.703724	0.730489	1.002317
0.424844	0.596113	0.488045	0.736081	0.622708	0.715138	0.76322	0.761751	0.953511	1.036615
0.580217	0.726615	0.601245	0.666508	0.61964	0.675191	0.843493	0.586507	0.718844	0.729046
0.582987	0.627997	0.533117	0.480998	0.616595	0.634379	0.714727	0.492017	0.64938	0.661558
0.528244	0.809536	0.661795	0.76884	0.908336	0.743969	0.801504	0.684408	0.730489	0.862541
0.46457	0.678999	0.596481	0.647079	0.742452	0.471297	0.847034	1.255263	0.855796	0.949814
0.395008	0.700967	0.403771	0.563922	0.62066	0.51621	0.620784	0.698814	0.721405	0.909076
0.492225	0.85951	0.664003	0.483291	0.518327	0.51621	0.740378	0.576262	0.678632	0.921533
0.437245	0.538611	0.480726	0.361731	0.67498	0.639675	0.766161	0.649265	0.547098	0.860707
0.46811	0.610317	0.424312	0.412698	0.735745	0.595147	0.613455	0.88867	0.635462	0.887127
0.384328	0.546849	0.547266	0.695507	0.650239	0.47859	0.517019	0.691551	0.661517	0.721008
0.515374	0.680128	0.541384	0.617904	0.513513	0.39581	0.581439	0.605778	0.65047	0.794598
0.452061	0.640197	0.598381	0.478716	0.763217	0.610816	0.867045	0.783449	0.580133	0.672103
0.46457	0.696249	0.474958	0.5667	1.005603	0.711351	0.758844	0.754753	0.592363	0.741388
0.321162	0.563809	0.603165	0.672392	0.892774	0.545228	0.553428	0.79548	0.716298	0.719683
0.322177	0.469362	0.392371	0.5667	0.599728	0.528409	0.431274	0.786425	0.685672	0.921533
0.348888	0.421328	0.356579	0.44868	0.510333	0.554763	0.625029	0.597	0.498356	0.615477
0.308181	0.468667	0.409277	0.451521	0.637315	0.239728	0.510417	0.663657	0.44086	0.517154
0.383742	0.47426	0.35386	0.349731	0.600702	0.446695	0.565345	0.70496	0.59716	0.853444
0.277791	0.417607	0.422404	0.43475	0.53645	0.446695	0.558887	0.683229	0.692828	0.875607
0.327801	0.499613	0.359314	0.474189	0.365515	0.24485	0.443035	0.532516	0.54197	0.693992
0.428074	0.427602	0.416729	0.353126	0.412202	0.250033	0.474288	0.391002	0.503769	0.588243
0.389042	0.46041	0.498504	0.395453	0.533934	0.418262	0.35912	0.378563	0.405951	0.513023
0.355968	0.396512	0.554948	0.433381	0.564239	0.435897	0.466077	0.462701	0.369622	0.53581
0.45827	0.48207	0.464345	0.496522	0.510333	0.461288	0.400323	0.503541	0.307449	0.526382
0.412788	0.559506	0.522601	0.309393	0.352655	0.330474	0.407372	0.341642	0.43684	0.581452
0.49373	0.474964	0.541384	0.251308	0.327503	0.297264	0.458744	0.413822	0.436173	0.492155
0.352141	0.501108	0.551517	0.524258	0.559778	0.462704	0.447263	0.476379	0.370766	0.691505
0.387859	0.497381	0.559274	0.510985	0.652431	0.426663	0.365526	0.454974	0.29669	0.561695
0.459662	0.474964	0.445872	0.346362	0.407176	0.407515	0.551623	0.520207	0.424997	0.445395
0.439902	0.384902	0.439225	0.377663	0.468816	0.450125	0.57474	0.383851	0.332413	0.210024
0.441905	0.462459	0.64031	0.479475	0.520754	0.501233	0.400323	0.42995	0.195853	0.315594
0.376774	0.478502	0.594591	0.363473	0.391834	0.469853	0.427874	0.480052	0.324103	0.520487
0.324213	0.423201	0.472102	0.389854	0.543232	0.446012	0.455845	0.530026	0.354464	0.44399
0.474555	0.470058	0.445203	0.339152	0.468097	0.459173	0.49041	0.47129	0.184515	0.32884
0.515374	0.451639	0.537231	0.378867	0.544945	0.495079	0.408666	0.48079	0.329278	0.281482
0.339272	0.382047	0.54222	0.401761	0.543232	0.552142	0.374416	0.525089	0.381202	0.324557
0.330381	0.395924	0.432028	0.460156	0.60957	0.341061	0.36202	0.426676	0.47226	0.369416
0.354324	0.541066	0.478554	0.375864	0.528118	0.460582	0.370838	0.421489	0.39734	0.541919

0.4555	0.53617	0.575218	0.418602	0.524012	0.332046	0.469045	0.552965	0.39795	0.45608
0.480365	0.562083	0.529042	0.365806	0.561557	0.571743	0.5719	0.4845	0.366775	0.338634
0.392015	0.448312	0.510774	0.348043	0.482714	0.510632	0.472784	0.605778	0.446279	0.434967
0.422918	0.42634	0.414231	0.408161	0.558006	0.413804	0.486517	0.624913	0.377695	0.38261
0.537318	0.570783	0.556673	0.478716	0.487949	0.443292	0.409964	0.419559	0.395517	0.441891
0.552589	0.389509	0.521802	0.429977	0.653531	0.546086	0.49592	0.368179	0.394306	0.381394
0.473114	0.529726	0.470681	0.335319	0.470259	0.39399	0.397157	0.465545	0.339818	0.379576
0.377928	0.588724	0.573417	0.511803	0.482714	0.36304	0.562566	0.67971	0.312428	0.384441
0.323194	0.524165	0.497748	0.503693	0.586313	0.58282	0.615537	0.60088	0.439516	0.510563
0.557801	0.67563	0.535581	0.507729	0.497841	0.384412	0.569079	0.46058	0.305966	0.419447
0.516962	0.627997	0.537231	0.573251	0.64158	0.452197	0.332767	0.446699	0.395517	0.457525
0.486996	0.586896	0.538888	0.539692	0.670375	0.432576	0.431274	0.562669	0.52367	0.544563
0.529879	0.545189	0.339469	0.465273	0.507963	0.435897	0.570017	0.578107	0.441534	0.494512
0.572014	0.597046	0.499261	0.467485	0.598756	0.389175	0.618678	0.532516	0.442884	0.526382
0.577465	0.755214	0.694967	0.50129	0.666954	0.364169	0.478073	0.530854	0.368481	0.419447
0.743631	0.720369	0.456724	0.556601	0.504823	0.354115	0.512058	0.591245	0.344106	0.467775
0.478177	0.61613	0.504596	0.477202	0.452567	0.402548	0.447263	0.500438	0.390094	0.463353
0.509079	0.505622	0.599333	0.493373	0.460263	0.417622	0.491193	0.43724	0.479558	0.611333
0.465982	0.550188	0.515466	0.468225	0.42895	0.394596	0.564416	0.38267	0.394911	0.649009
0.565738	0.820328	0.691416	0.701801	0.670375	0.530891	0.448682	0.419559	0.39795	0.653531
0.659774	0.677873	0.557539	0.706902	0.565137	0.52186	0.550723	0.618779	0.574602	0.642314
0.603854	0.446988	0.439885	0.537081	0.484203	0.503564	0.605227	0.539226	0.653754	0.6134
0.4555	0.327067	0.353319	0.527641	0.520754	0.588466	0.725343	0.48227	0.55754	0.617564
0.355968	0.457692	0.364282	0.53795	0.477542	0.428625	0.560722	0.448067	0.378861	0.531499
0.327801	0.432049	0.419242	0.553887	0.469537	0.376201	0.502303	0.485246	0.332938	0.472993
0.411538	0.29845	0.361515	0.385548	0.370653	0.431915	0.511237	0.497357	0.382966	0.649009
0.525801	0.400649	0.453985	0.375864	0.399744	0.397027	0.499898	0.342179	0.462246	0.710517
0.443917	0.533742	0.426228	0.419925	0.449113	0.397637	0.468301	0.363078	0.320516	0.476758
0.45827	0.621036	0.45948	0.453663	0.503262	0.359113	0.393387	0.328958	0.326683	0.426801
0.505191	0.49664	0.38942	0.477958	0.377016	0.434565	0.452966	0.387411	0.303506	0.509746
0.690689	0.700967	0.464345	0.518401	0.349909	0.415709	0.450105	0.426024	0.442208	0.567249
0.652106	0.956762	0.637177	0.690538	0.711164	0.589414	0.583373	0.440595	0.387704	0.435654
1.167905	1.263818	1.199414	1.141159	0.914319	0.631232	0.63692	0.582754	0.339818	0.357759
2.411513	1.192068	1.243336	1.419898	0.928608	0.776308	0.824516	0.896296	0.518005	0.426801
1.290524	1.400174	0.978112	1.009783	1.454987	1.860304	1.335758	1.014997	0.722691	0.927898
1.272032	1.125072	2.242328	1.279601	1.260508	1.76524	1.725989	1.775803	0.978314	1.163204
0	0.562536	1.16415	1.241415	1.270054	1.086902	1.330315	0.760882	0.516304	0.747309
0	0	1.203228	1.765833	2.065212	1.190943	0.543451	0.271725	0.135863	0.326083
0	0	0	1.902889	0.595471	0	0	2.079758	0.067931	0.230973
1.254296	0	0	0	0	0	0	0	1.692299	0.033966
0	0	0	0	0	1.860304	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

1.249973	1.918333	0	0	0	0	0	0	0	0
0.821217	0.205304	0.102652	0	0	1.27892	0.754513	0.377256	0	0
0.410609	0.307957	0.25663	1.012367	1.145643	1.878387	1.588714	1.445199	0.980641	1.037673
0.734474	1.694143	1.03084	2.577572	2.160137	1.367179	1.455657	2.486592	1.094706	1.201594
1.621058	1.049312	1.33673	1.183785	2.065212	0.983052	1.175115	1.466116	1.228677	1.095313
1.186085	1.143454	1.019479	1.101632	1.045638	0.951758	0.920465	0.730454	1.290723	1.201594
1.421869	0.948296	1.269308	0.989645	0.789521	1.297904	0.76764	1.057452	1.272073	2.612572
1.238252	1.054635	1.034037	0.972759	1.005603	0.956418	0.908013	1.186311	1.232826	1.007421
1.206669	1.443828	0.902888	1.144659	0.723928	0.958633	1.484568	0.967171	0.840324	0.739999
1.175086	0.804992	1.001548	1.2893	0.98622	1.015509	1.269814	0.723939	0.779001	0.645648
0.785834	0.732951	1.021252	0.7979	0.771809	1.179713	0.986262	0.861208	0.985332	0.810613
0.721419	0.576978	0.719416	0.786966	0.359877	0.660411	0.491193	0.823834	1.09775	1.098467
0.793285	0.821892	0.746661	0.673579	0.414102	0.476389	0.533976	0.630092	0.757544	0.428151
0.657569	0.447649	0.568948	0.607576	0.438243	0.588466	0.677078	0.687965	0.572774	0.479794
0.532345	0.572544	0.525005	0.642631	0.633091	0.655962	0.564416	0.446017	0.522044	0.491372
0.45827	0.412084	0.546421	0.336411	0.430265	0.631232	0.314653	0.258439	0.545382	0.461889
0.417191	0.239298	0.384158	0.249068	0.269205	0.480063	0.431274	0.458469	0.432196	0.370599
0.277333	0.247151	0.313521	0.304287	0.284473	0.234247	0.170734	0.492017	0.51162	0.238347
0.177133	0.208086	0.334258	0.382499	0.293032	0.297264	0.293769	0.271931	0.314939	0.19238
0.283794	0.235627	0.199125	0.261308	0.276078	0.261926	0.276702	0.235163	0.138875	0.150103
0.449329	0.341856	0.2798	0.313521	0.327503	0.272778	0.294764	0.173452	0.175652	0.185364
0.675529	0.610317	0.525005	0.196109	0.370653	0.481541	0.376216	0.176375	0.178955	0.247619
0.484775	0.521803	0.684399	0.432016	0.391231	0.676349	0.686803	0.510606	0.542821	0.403824
0.255881	0.359862	0.44991	0.407517	0.005236	0.08621	0.592181	0.742434	0.75615	0.580491
0.312631	0.309864	0.221315	0.277229	-0.09727	0.004183	0.172987	0.801623	0.843715	0.714422
0.285658	0.214229	0.2798	0.270602	0.206256	0.210601	0.04033	0.643853	0.546239	0.599133
0.365404	0.276484	0.300387	0.271072	0.343928	0.31658	0.196986	0.472013	0.393702	0.328302
0.599984	0.471454	0.435285	0.29624	0.23638	0.271406	0.283449	0.308111	0.294282	0.258464
0.235727	1.299955	0.790287	0.476447	0.313184	0.321162	0.207458	0.233906	0.292843	0.328302
0	0	0.238223	2.212873	0.66019	0.495079	0.225352	0.177476	0.278714	0.267245
0	0	0	0	0.247539	1.214314	0.684351	0.512191	0.579206	0.361223
0	0	0	0	0	0	0	0	0.180612	1.24371
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0

Table 1: Data for Figure 1									
230	231	232	233	234	235	236	237	238	239
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.134609	0.067305	0	0	0	0	0	0	0	0
1.166834	2.490789	1.578109	0.715514	1.382844	1.517925	1.06271	0.937144	1.351423	1.113025
0.864741	1.047361	1.040928	0.829116	0.601911	0.66792	0.936539	0.766852	0.834822	0.791423
0.159307	0.44464	0.575819	0.58297	0.627397	0.723627	0.560997	0.538396	0.584127	0.508541
0.08073	0.109153	0.324327	0.508529	0.447695	0.575166	0.508268	0.55235	0.674379	0.556183
0.385736	0.252725	0.359294	0.531394	0.64453	0.629048	0.628354	0.478375	0.650549	0.580214
0.715038	0.587432	0.754583	0.583915	0.528317	0.696739	0.636885	0.480623	0.482377	0.613789
0.540789	0.744517	0.537587	0.450534	0.40226	0.684498	0.764965	0.666194	0.520757	0.500557
0.455	0.566	0.686898	0.55112	0.524158	0.573293	0.56281	0.41648	0.540013	0.471492
0.375864	0.478219	0.569209	0.50457	0.497666	0.460386	0.43006	0.347689	0.539158	0.495837
0.437447	0.430437	0.450262	0.509326	0.670406	0.444818	0.49564	0.4717	0.371789	0.513403
0.338478	0.397762	0.423322	0.378246	0.411741	0.378547	0.629411	0.494362	0.457608	0.514218
0.40989	0.448785	0.535847	0.602277	0.503152	0.312778	0.536389	0.417779	0.439577	0.317923
0.524318	0.516232	0.419986	0.585812	0.479365	0.250309	0.481858	0.334075	0.387167	0.341953

0.479807	0.461462	0.335672	0.528053	0.422742	0.289319	0.454125	0.290254	0.436194	0.548165
0.444787	0.464331	0.409479	0.427491	0.465405	0.290292	0.559192	0.500611	0.470545	0.603642
0.447487	0.540404	0.481275	0.512525	0.37149	0.372621	0.462693	0.410686	0.461163	0.368557
0.534126	0.424489	0.47069	0.586764	0.298236	0.315867	0.429391	0.232689	0.462594	0.381593
0.642468	0.429108	0.31327	0.38959	0.415592	0.445514	0.517986	0.314677	0.371208	0.351389
0.490888	0.450873	0.409479	0.528886	0.490712	0.415913	0.511483	0.37568	0.44162	0.423888
0.535782	0.563281	0.419321	0.433472	0.374413	0.397451	0.467041	0.369237	0.417719	0.414704
0.587724	0.485711	0.60433	0.528886	0.351569	0.338121	0.384388	0.434343	0.454785	0.354203
0.625818	0.3278	0.4024	0.482292	0.39237	0.507523	0.439527	0.354941	0.322404	0.292696
0.512362	0.351553	0.380616	0.476343	0.389932	0.561313	0.434767	0.316218	0.49454	0.380991
0.413006	0.315882	0.427359	0.460389	0.403512	0.347464	0.447809	0.465851	0.51024	0.32315
0.446135	0.546445	0.584469	0.295345	0.442863	0.438607	0.418184	0.435019	0.598578	0.343053
0.298255	0.437819	0.456724	0.38418	0.440126	0.658723	0.46777	0.591264	0.547787	0.385824
0.419941	0.293955	0.419986	0.33349	0.406027	0.493303	0.354717	0.475396	0.472739	0.305631
0.453624	0.386793	0.514675	0.410025	0.278517	0.290292	0.284272	0.346584	0.502319	0.252017
0.400067	0.164266	0.237167	0.295345	0.373827	0.438607	0.363235	0.383419	0.338788	0.23452
0.412381	0.258509	0.327538	0.294858	0.406027	0.591419	0.434092	0.484396	0.350802	0.258764
0.428282	0.501879	0.424663	0.307191	0.378537	0.399951	0.371339	0.434343	0.336103	0.384005
0.499198	0.416684	0.557193	0.489846	0.50791	0.366193	0.250256	0.336764	0.314184	0.39877
0.330647	0.451571	0.608414	0.424859	0.493789	0.484837	0.331718	0.354379	0.375876	0.274928
0.449523	0.44464	0.557193	0.467568	0.488419	0.586575	0.437481	0.531584	0.352467	0.476702
0.495401	0.640177	0.531529	0.411295	0.526649	0.609318	0.592884	0.489734	0.331842	0.535979
0.385736	0.352108	0.421317	0.297297	0.492248	0.389423	0.317035	0.335686	0.351911	0.449845
0.345916	0.457904	0.575819	0.234137	0.380911	0.31535	0.3114	0.429641	0.324484	0.441479
0.339533	0.457195	0.517162	0.312223	0.449783	0.376167	0.389232	0.320874	0.21094	0.358175
0.35294	0.507404	0.356413	0.394456	0.517586	0.450415	0.388623	0.343834	0.320334	0.333256
0.229556	0.401481	0.302995	0.332958	0.489947	0.391878	0.458388	0.326106	0.422265	0.481975
0.24457	0.38141	0.408831	0.414486	0.542763	0.422465	0.35528	0.467306	0.340948	0.39877
0.427634	0.531076	0.570147	0.372393	0.524987	0.43316	0.40221	0.464401	0.272482	0.342503
0.484206	0.555225	0.439007	0.461102	0.567655	0.489434	0.534683	0.426313	0.412582	0.43395
0.432186	0.470854	0.266962	0.355851	0.531673	0.398075	0.606727	0.454385	0.401863	0.436673
0.390461	0.429108	0.421317	0.445001	0.507113	0.395585	0.524588	0.40245	0.36659	0.391325
0.558784	0.548187	0.444598	0.479307	0.51922	0.446909	0.714501	0.603055	0.465468	0.475207
0.612745	0.604974	0.363942	0.466845	0.643439	0.460386	0.703064	0.504562	0.465468	0.707375
0.570309	0.643425	0.343962	0.471933	0.543628	0.40563	0.651115	0.507749	0.455489	0.59177
0.417406	0.467943	0.412735	0.486809	0.434702	0.408817	0.545018	0.494362	0.495312	0.441479
0.483469	0.651099	0.47595	0.565391	0.560396	0.426445	0.532137	0.43165	0.469088	0.375619
0.434152	0.524416	0.389819	0.46253	0.533361	0.514811	0.6907	0.495138	0.358061	0.444945
0.43023	0.553455	0.355266	0.352506	0.488419	0.514811	0.605723	0.37983	0.411307	0.434629
0.499198	0.507404	0.391683	0.38959	0.41238	0.416564	0.366112	0.326106	0.449193	0.53256
0.459849	0.588388	0.425336	0.586764	0.447695	0.465459	0.419487	0.335148	0.498412	0.423888
0.411757	0.469396	0.523864	0.521447	0.518402	0.384556	0.537244	0.294638	0.486142	0.385824
0.442773	0.526071	0.37101	0.455433	0.506318	0.347464	0.529606	0.415186	0.580353	0.529167
0.506118	0.598068	0.4024	0.519811	0.466129	0.505919	0.46777	0.432322	0.586026	0.491167
0.427634	0.370841	0.439007	0.573629	0.421433	0.549655	0.428724	0.37509	0.659474	0.493496
0.397645	0.64234	0.518827	0.51494	0.386301	0.513995	0.551163	0.457935	0.670894	0.526639
0.50767	0.624294	0.47069	0.495985	0.358297	0.639804	0.750738	0.470964	0.585075	0.5258

0.547557	0.487984	0.448839	0.578275	0.459659	0.643083	0.602726	0.426977	0.544315	0.471492
0.600054	0.478963	0.434173	0.507735	0.483115	0.604272	0.630471	0.433668	0.439577	0.412115
0.520296	0.471585	0.486667	0.68703	0.390541	0.40754	0.592884	0.404337	0.571059	0.389483
0.583999	0.4918	0.362775	0.539007	0.309198	0.409458	0.603723	0.426977	0.519123	0.38765
0.450204	0.412194	0.373989	0.453327	0.357732	0.418522	0.56281	0.441837	0.535754	0.38765
0.47401	0.446018	0.467712	0.442944	0.426031	0.588506	0.461254	0.479123	0.608487	0.558888
0.342713	0.461462	0.631587	0.55909	0.489947	0.577047	0.395981	0.549699	0.56196	0.498978
0.647805	0.408383	0.538459	0.424203	0.395436	0.556792	0.436122	0.492814	0.481628	0.292206
0.570309	0.223667	0.412082	0.386576	0.372073	0.568646	0.624151	0.494362	0.544315	0.321575
0.373574	0.369104	0.433487	0.51494	0.507113	0.501937	0.597777	0.505357	0.664006	0.404439
0.55791	0.343854	0.45169	0.45123	0.530832	0.474295	0.435444	0.455801	0.595649	0.581165
0.573013	0.468669	0.629429	0.383583	0.421433	0.509938	0.476615	0.492814	0.38777	0.502142
0.778364	0.508996	0.587391	0.302216	0.395436	0.6955	0.537244	0.5577	0.477161	0.390096
0.586789	0.435793	0.594286	0.383583	0.484624	0.60327	0.399085	0.461515	0.572902	0.51997
0.461944	0.451571	0.615654	0.484545	0.483115	0.524723	0.386803	0.579786	0.587934	0.543773
0.434809	0.391634	0.567338	0.445688	0.505525	0.524723	0.257389	0.499825	0.560163	0.573612
0.423771	0.482699	0.551757	0.495213	0.520039	0.404995	0.36209	0.522389	0.424884	0.475954
0.526749	0.418622	0.572029	0.463964	0.456814	0.540029	0.417533	0.502187	0.392011	0.379792
0.43284	0.374921	0.53239	0.521447	0.515958	0.525559	0.389232	0.568602	0.401241	0.427216
0.45638	0.440535	0.517994	0.563581	0.591155	0.403097	0.408529	0.651472	0.472739	0.423226
0.419306	0.566	0.501646	0.399997	0.569489	0.462553	0.451307	0.500611	0.344754	0.498191
0.458458	0.515422	0.317974	0.274433	0.502364	0.435194	0.587084	0.384622	0.331312	0.467075
0.505343	0.480453	0.44955	0.275362	0.495336	0.470591	0.441582	0.485915	0.40062	0.482734
0.515518	0.457195	0.614612	0.449838	0.397905	0.419177	0.512291	0.630815	0.49454	0.519144
0.384563	0.443953	0.481275	0.442944	0.472697	0.278285	0.440896	0.555909	0.509441	0.596677
0.455	0.482699	0.435548	0.442261	0.528317	0.511557	0.616891	0.390077	0.444359	0.503733
0.587724	0.555225	0.495276	0.37531	0.699158	0.581785	0.533833	0.334611	0.307617	0.508541
0.519496	0.613004	0.602303	0.390195	0.567655	0.408178	0.469232	0.458649	0.404989	0.590795
0.59527	0.689221	0.549961	0.456843	0.49148	0.532308	0.580414	0.59712	0.637497	0.741819
0.432186	0.672638	0.481275	0.598346	0.372073	0.484075	0.522101	0.440465	0.632173	0.54116
0.449523	0.556113	0.394808	0.474132	0.454693	0.554102	0.630471	0.41648	0.502319	0.461255
0.470427	0.568736	0.429392	0.538154	0.683348	0.373799	0.679866	0.440465	0.409402	0.449845
0.498436	0.723111	0.510561	0.600307	0.515147	0.423126	0.709381	0.492042	0.416429	0.534266
0.592425	0.583628	0.550858	0.740595	0.348244	0.444818	0.621025	0.482883	0.422918	0.467808
0.542471	0.607968	0.456724	0.564485	0.439444	0.450415	0.518806	0.43165	0.530698	0.451255
0.492387	0.747268	0.528106	0.562679	0.553257	0.563135	0.461973	0.394367	0.535754	0.454089
0.469713	0.677311	0.469198	0.497533	0.447002	0.462553	0.425403	0.398079	0.614542	0.467075
0.521097	0.638026	0.577726	0.569033	0.32513	0.523888	0.559192	0.41454	0.511841	0.343604
0.546705	0.484203	0.485892	0.664811	0.399766	0.585613	0.664678	0.432995	0.55041	0.309181
0.589598	0.425804	0.399855	0.576411	0.36801	0.558595	0.517986	0.43165	0.46331	0.32315
0.434152	0.36795	0.327538	0.58297	0.480861	0.618553	0.67279	0.53243	0.518308	0.428555
0.573013	0.474521	0.508927	0.645851	0.442863	0.570499	0.745175	0.675508	0.535754	0.393793
0.589598	0.484956	0.605348	0.56812	0.396669	0.459666	0.722297	0.615174	0.561061	0.447038
0.614731	0.443267	0.609441	0.427491	0.419477	0.469854	0.502698	0.626589	0.361452	0.461978
0.557038	0.459324	0.541966	0.458258	0.470497	0.67613	0.456963	0.535829	0.43552	0.503733
0.577557	0.484203	0.50406	0.621449	0.458234	0.719683	0.473647	0.631878	0.481628	0.341953
0.601017	0.433777	0.590332	0.537303	0.418178	0.577047	0.418184	0.724015	0.58318	0.446339

0.611756	0.473785	0.609441	0.417701	0.552372	0.561313	0.445723	0.577902	0.489177	0.481975
0.531653	0.517856	0.540209	0.311717	0.427354	0.574228	0.551163	0.709776	0.39876	0.400652
0.508449	0.377269	0.577726	0.460389	0.597969	0.469119	0.382585	0.580731	0.387167	0.44425
0.457764	0.363365	0.693087	0.471933	0.526649	0.487129	0.379597	0.512575	0.36774	0.389483
0.499198	0.379039	0.483578	0.291467	0.307184	0.545253	0.385594	0.458649	0.327097	0.339217
0.490888	0.60299	0.456001	0.428151	0.469036	0.45466	0.529606	0.507749	0.385365	0.655798
0.363413	0.465772	0.540209	0.361484	0.563104	0.465459	0.556499	0.53243	0.447806	0.689901
0.418038	0.417329	0.522178	0.434142	0.64453	0.349691	0.374271	0.598103	0.481628	0.578317
0.258805	0.508996	0.635937	0.486809	0.596011	0.327381	0.473647	0.726654	0.496085	0.557985
0.282691	0.494876	0.536716	0.491373	0.541038	0.50512	0.610764	0.621363	0.398142	0.612764
0.414259	0.603981	0.350709	0.45473	0.477131	0.491751	0.75214	0.428973	0.477161	0.6998
0.380482	0.487225	0.371604	0.530556	0.481611	0.366193	0.444339	0.262105	0.440257	0.607672
0.503029	0.669165	0.580603	0.469018	0.364557	0.347464	0.528766	0.406232	0.483127	0.394412
0.514727	0.566	0.508112	0.38418	0.566741	0.509132	0.628354	0.455092	0.390795	0.490393
0.519496	0.557894	0.485892	0.561779	0.535055	0.380941	0.454833	0.27972	0.385965	0.540292
0.576644	0.617076	0.485119	0.603265	0.475648	0.43998	0.634737	0.277831	0.433506	0.511776
0.432186	0.539547	0.551757	0.533074	0.442177	0.467651	0.465587	0.452972	0.584127	0.5258
0.503799	0.647793	0.536716	0.495213	0.478619	0.466919	0.566457	0.487438	0.621715	0.451961
0.575733	0.599048	0.416675	0.614287	0.575969	0.605277	0.713215	0.395601	0.534907	0.520798
0.541629	0.385591	0.417996	0.694289	0.642351	0.500354	0.522101	0.464401	0.52986	0.470014
0.401283	0.389207	0.491341	0.662537	0.502364	0.461829	0.388623	0.484396	0.568309	0.464155
0.541629	0.497974	0.517994	0.541574	0.42078	0.478782	0.458388	0.493587	0.573826	0.445642
0.577557	0.557002	0.473688	0.532233	0.471962	0.534867	0.478106	0.441837	0.584127	0.331645
0.62684	0.454374	0.564548	0.660275	0.602903	0.657587	0.580414	0.393137	0.461163	0.384005
0.54416	0.342221	0.480511	0.557306	0.642351	0.6955	0.60074	0.581678	0.590811	0.653542
0.513937	0.26756	0.527254	0.628732	0.597969	0.570499	0.503489	0.524046	0.531536	0.553493
0.64888	0.44948	0.467712	0.473398	0.437406	0.571428	0.459103	0.536683	0.496085	0.405709
0.58866	0.476736	0.497654	0.520629	0.507113	0.585613	0.383786	0.497475	0.594677	0.478202
0.582148	0.408383	0.527254	0.501429	0.598951	0.616484	0.401583	0.583578	0.586979	0.43804
0.525127	0.502664	0.599279	0.571785	0.52086	0.57236	0.493312	0.605051	0.530698	0.380991
0.685945	0.700226	0.67478	0.376482	0.265091	0.560405	0.458388	0.598103	0.36774	0.483494
0.758517	0.673801	0.645885	0.404982	0.360563	0.619591	0.424741	0.620326	0.503105	0.476702
0.537445	0.40649	0.647005	0.426173	0.477131	0.430461	0.358104	0.621363	0.546048	0.447738
0.552703	0.434448	0.555374	0.533074	0.613958	0.401207	0.400332	0.745596	0.55041	0.617916
0.493892	0.592234	0.578683	0.405609	0.671566	0.396206	0.384388	0.630815	0.497635	0.600643
0.579387	0.535291	0.626211	0.367191	0.608898	0.467651	0.53982	0.640478	0.486142	0.575488
0.578471	0.482699	0.812903	0.623518	0.823008	0.755122	0.631534	0.766852	0.518308	0.608686
0.324992	0.534445	0.73083	0.775927	0.754568	0.481042	0.459818	0.784639	0.642888	0.656931
0.390461	0.563281	0.600285	0.624556	0.628448	0.374982	0.438161	0.575091	0.496085	0.649065
0.5333	0.643425	0.685671	0.488325	0.624259	0.57236	0.621025	0.487438	0.396294	0.489621
0.621754	0.636954	0.557193	0.422895	0.651133	0.649717	0.614839	0.480623	0.404989	0.469278
0.55791	0.589346	0.493698	0.426173	0.618049	0.473552	0.487166	0.524046	0.556591	0.730927
0.423771	0.546445	0.652647	0.735199	0.630558	0.460386	0.505076	0.562209	0.495312	0.556183
0.419941	0.512197	0.659515	0.704161	0.615999	0.461107	0.505872	0.41648	0.447115	0.475207
0.668704	0.580796	0.468454	0.523089	0.636951	0.645284	0.736962	0.49904	0.562862	0.477451
0.50767	0.549936	0.505676	0.569033	0.662366	0.45112	0.476615	0.419081	0.430835	0.399396
0.546705	0.694078	0.459627	0.587717	0.814849	0.55054	0.574777	0.479873	0.533218	0.537699

0.411134	0.546445	0.561775	0.472665	0.538464	0.443343	0.66011	0.543576	0.546048	0.54116
0.557038	0.627424	0.416016	0.552879	0.332521	0.373799	0.500332	0.504562	0.737008	0.492718
0.469713	0.59709	0.404319	0.461102	0.492248	0.378547	0.541546	0.464401	0.617602	0.466343
0.542471	0.620154	0.394181	0.681072	0.64453	0.489434	0.536389	0.398701	0.478645	0.498978
0.54416	0.834057	0.670026	0.942581	0.719442	0.461107	0.612797	0.426313	0.40062	0.522459
0.490141	0.706463	0.75172	0.774457	0.547104	0.459666	0.575712	0.404967	0.552167	0.530012
0.457764	0.692859	0.5205	0.533074	0.587308	0.591419	0.640128	0.529057	0.681435	0.489621
0.527563	0.696527	0.420651	0.525564	0.515958	0.567723	0.560997	0.305043	0.507054	0.43804
0.492387	0.660038	0.575819	0.576411	0.613958	0.555893	0.601732	0.417779	0.676718	0.574549
0.496916	0.764154	0.508112	0.601291	0.678597	0.49486	0.696838	0.50695	0.631116	0.578317
0.612745	0.835745	0.607389	0.761447	0.466129	0.565882	0.73832	0.621363	0.613527	0.536838
0.620743	0.624294	0.511381	0.561779	0.458946	0.591419	0.749341	0.661611	0.722434	0.486547
0.486422	0.491034	0.375786	0.49831	0.40414	0.524723	0.480354	0.49904	0.60949	0.413407
0.5333	0.70271	0.448839	0.641507	0.466129	0.354181	0.439527	0.343834	0.689814	0.472232
0.587724	0.655545	0.537587	0.611253	0.419477	0.438607	0.509873	0.465125	0.645063	0.464155
0.589598	0.538693	0.526404	0.539007	0.391759	0.398699	0.605723	0.58933	0.670894	0.459812
0.592425	0.534445	0.417335	0.52972	0.531673	0.659862	0.55028	0.630815	0.515062	0.355901
0.487163	0.472317	0.283633	0.667097	0.563104	0.609318	0.430729	0.473174	0.488416	0.311734
0.487906	0.573335	0.527254	0.716825	0.524158	0.523888	0.444339	0.501398	0.618627	0.604646
0.577557	0.57705	0.591317	0.594451	0.406027	0.651951	0.629411	0.479873	0.614542	0.55171
0.711293	0.484203	0.539333	0.489085	0.385699	0.557692	0.522928	0.556804	0.647249	0.486547
0.521097	0.450873	0.464018	0.622482	0.52086	0.78298	0.490228	0.625539	0.475682	0.429897
0.500726	0.521945	0.52302	0.704161	0.640183	0.753704	0.545891	0.598103	0.486898	0.495055
0.604892	0.663438	0.530671	0.636139	0.44839	0.746683	0.524588	0.711051	0.573826	0.429897
0.501493	0.484203	0.667668	0.430804	0.449783	0.81113	0.570135	0.575091	0.618627	0.479707
0.608801	0.302792	0.561775	0.466845	0.529154	0.742525	0.623106	0.644842	0.449888	0.447738
0.661995	0.464331	0.563622	0.564485	0.463242	0.500354	0.487929	0.595159	0.527359	0.450549
0.746221	0.443267	0.549065	0.658024	0.407924	0.557692	0.3929	0.545317	0.485386	0.55171
0.58866	0.630578	0.603315	0.564485	0.591155	0.682091	0.449204	0.419081	0.501535	0.460533
0.564065	0.622219	0.700631	0.522267	0.565829	0.781468	0.625198	0.519093	0.527359	0.59177
0.55966	0.467943	0.650381	0.533074	0.550609	0.599283	0.577587	0.574158	0.432168	0.573612
0.551841	0.326227	0.613573	0.461815	0.561297	0.469119	0.39413	0.50855	0.384766	0.534266
0.583073	0.441216	0.577726	0.40373	0.575969	0.663297	0.414942	0.705972	0.516682	0.528323
0.580306	0.613004	0.599279	0.505359	0.700399	0.70806	0.577587	0.638312	0.514255	0.646844
0.543315	0.735022	0.539333	0.546755	0.607893	0.633319	0.613817	0.563117	0.420961	0.606661
0.493892	0.499532	0.546389	0.58963	0.594062	0.425114	0.564629	0.415186	0.43552	0.502142
0.447487	0.519487	0.736303	0.511723	0.493789	0.328976	0.364384	0.484396	0.450584	0.626288
0.525937	0.653316	0.754583	0.539861	0.683348	0.456799	0.466314	0.569523	0.381188	0.550821
0.543315	0.566911	0.545501	0.433472	0.816469	0.509132	0.44503	0.49904	0.35358	0.617916
0.460546	0.502664	0.529814	0.52972	0.615999	0.386375	0.484883	0.500611	0.459738	0.758687
0.458458	0.544711	0.643655	0.588673	0.625302	0.45112	0.576648	0.520738	0.551287	0.788343
0.400067	0.425804	0.506486	0.502997	0.664648	0.556792	0.616891	0.654825	0.544315	0.506932
0.479807	0.526902	0.45169	0.612262	0.816469	0.662149	0.656715	0.691082	0.46045	0.414055
0.683606	0.679667	0.45169	0.512525	0.528317	0.540895	0.688269	0.485915	0.462594	0.574549
0.459849	0.478219	0.489778	0.587717	0.487657	0.370858	0.547641	0.441837	0.480134	0.604646
0.40927	0.575189	0.425336	0.558197	0.422742	0.32054	0.628354	0.621363	0.698358	0.533412
0.521097	0.664577	0.362193	0.45123	0.514337	0.338665	0.663532	0.528218	0.602515	0.530012

0.622766	0.606968	0.439007	0.629782	0.579716	0.466188	0.538101	0.44115	0.587934	0.44217
0.646732	0.732346	0.509743	0.587717	0.523331	0.554102	0.593859	0.403707	0.61658	0.427885
0.530832	0.565092	0.452406	0.554644	0.471229	0.509938	0.491767	0.503769	0.650549	0.578317
0.446135	0.729688	0.581566	0.662537	0.391759	0.341396	0.468501	0.502977	0.579414	0.412115
0.556167	0.692859	0.668845	0.771532	0.483869	0.380941	0.545891	0.496695	0.59274	0.495055
0.584927	0.598068	0.464018	0.58963	0.545362	0.509938	0.656715	0.53074	0.723739	0.51997
0.478351	0.526071	0.426684	0.531394	0.415592	0.593372	0.59975	0.451565	0.60949	0.567109
0.461944	0.539547	0.501646	0.615303	0.434029	0.512368	0.501908	0.485155	0.528191	0.425217
0.514727	0.596114	0.500045	0.554644	0.427354	0.412028	0.634737	0.568602	0.438898	0.337583
0.450204	0.595141	0.438313	0.661404	0.50791	0.509132	0.627299	0.454385	0.608487	0.419928
0.703898	0.512197	0.521338	0.739239	0.652243	0.645284	0.496418	0.509352	0.731652	0.319485
0.700248	0.615035	0.68201	0.783352	0.592122	0.731626	0.438843	0.453678	0.558373	0.491167
0.790126	0.593201	0.618794	0.545021	0.556812	0.474295	0.522928	0.680241	0.574753	0.53256
0.717553	0.488745	0.390439	0.442944	0.389325	0.620632	0.408529	0.486676	0.489939	0.371485
0.563181	0.407751	0.502449	0.512525	0.332521	0.629048	0.409804	0.489734	0.470545	0.39752
0.483469	0.288163	0.443895	0.520629	0.36801	0.540895	0.452714	0.573227	0.485386	0.373842
0.39946	0.324138	0.417996	0.441578	0.524987	0.608304	0.450605	0.509352	0.385965	0.467075
0.619736	0.529401	0.507298	0.395069	0.380911	0.535723	0.512291	0.572298	0.456901	0.514218
0.675518	0.596114	0.630507	0.573629	0.475648	0.67613	0.537244	0.541843	0.508644	0.480462
0.649958	0.607968	0.545501	0.701672	0.543628	0.659862	0.58326	0.603055	0.5976	0.516674
0.701461	0.582682	0.542847	0.480052	0.645623	0.67025	0.621025	0.693529	0.636427	0.715085
0.555298	0.422525	0.819524	0.476343	0.553257	0.658723	0.650004	0.75965	0.557481	0.706104
0.587724	0.374921	0.67838	0.554644	0.569489	0.776965	0.597777	0.752566	0.38777	0.418616
0.639297	0.602001	0.868929	0.575482	0.529992	0.619591	0.349129	0.568602	0.296237	0.375026
0.597177	0.549061	0.754583	0.550244	0.607893	0.608304	0.429391	0.711051	0.588891	0.441479
0.599093	0.402728	0.647005	0.636139	0.738002	0.617517	0.463415	0.626589	0.477902	0.691126
0.467581	0.471585	0.44813	0.422895	0.595035	0.576105	0.60074	0.667347	0.419662	0.703571
0.557038	0.440535	0.508112	0.406237	0.515147	0.53658	0.515536	0.613131	0.524046	0.626288
0.50457	0.557894	0.739066	0.565391	0.509508	0.411384	0.532984	0.668504	0.499191	0.825156
0.335852	0.338975	0.562697	0.499087	0.560396	0.401207	0.488694	0.674332	0.580353	0.748768
0.514727	0.543846	0.671209	0.510123	0.534207	0.586575	0.463415	0.533277	0.537453	0.584991
0.506893	0.611992	0.529814	0.450534	0.696688	0.573293	0.615864	0.408135	0.362589	0.416004
0.460546	0.524416	0.528106	0.58297	0.661229	0.417868	0.559192	0.50855	0.415143	0.65018
0.411134	0.528567	0.627281	0.632949	0.671566	0.558595	0.78722	0.626589	0.619654	0.651298
0.420577	0.497198	0.485892	0.710447	0.609905	0.530611	0.593859	0.568602	0.703317	0.485781
0.464753	0.714067	0.528959	0.605249	0.55592	0.523888	0.55028	0.43978	0.645063	0.573612
0.44546	0.550813	0.375786	0.45123	0.486897	0.341944	0.560997	0.404337	0.573826	0.673103
0.485682	0.651099	0.464755	0.433472	0.511111	0.409458	0.634737	0.52571	0.658348	0.669587
0.599093	0.714067	0.544614	0.615303	0.533361	0.616484	0.746559	0.555909	0.573826	0.499767
0.611756	0.634818	0.486667	0.676363	0.570409	0.730282	0.594835	0.506153	0.664006	0.30111
0.585857	0.460748	0.376387	0.587717	0.735301	0.792162	0.55028	0.526544	0.580353	0.488851
0.546705	0.743148	0.544614	0.709182	0.732618	0.632247	0.580414	0.485915	0.62796	0.508541
0.558784	0.769931	0.714812	0.697965	0.492248	0.589475	0.536389	0.485155	0.694676	0.426549
0.55966	0.470854	0.590332	0.644761	0.409192	0.570499	0.563718	0.514195	0.503892	0.340309
0.5219	0.322578	0.484348	0.594451	0.463962	0.604272	0.597777	0.681432	0.486142	0.345814
0.537445	0.42122	0.514675	0.640428	0.461089	0.678504	0.497198	0.482883	0.457608	0.382194
0.702678	0.417329	0.523864	0.676363	0.520039	0.647495	0.494862	0.519093	0.535754	0.491167

0.706349	0.44948	0.500845	0.602277	0.511111	0.776965	0.491767	0.59712	0.54518	0.449845
0.703898	0.577983	0.528959	0.548496	0.456106	0.657587	0.621025	0.588366	0.549534	0.425882
0.547557	0.463612	0.513025	0.494442	0.516771	0.462553	0.457675	0.634012	0.434176	0.49662
0.613737	0.487984	0.591317	0.543294	0.520039	0.548771	0.466314	0.466578	0.371208	0.445642
0.676665	0.656664	0.722747	0.512525	0.561297	0.66676	0.570135	0.643747	0.469816	0.568032
0.560537	0.534445	0.699364	0.522267	0.636951	0.541763	0.4314	0.605051	0.532377	0.461978
0.508449	0.497198	0.644769	0.520629	0.515958	0.49486	0.533833	0.666194	0.471275	0.62418
0.545855	0.456488	0.536716	0.619391	0.686946	0.520565	0.559192	0.549699	0.457608	0.54116
0.496158	0.471585	0.686898	0.480052	0.595035	0.470591	0.445723	0.581678	0.489939	0.587883
0.574825	0.536139	0.616698	0.487566	0.579716	0.612375	0.505872	0.658205	0.472006	0.53256
0.628892	0.517043	0.666494	0.487566	0.657838	0.577047	0.46777	0.477628	0.401241	0.557083
0.567622	0.535291	0.442493	0.42094	0.583496	0.592394	0.665828	0.599089	0.472006	0.552601
0.556167	0.436467	0.513025	0.538154	0.740719	0.578936	0.592884	0.549699	0.497635	0.63807
0.598134	0.531916	0.737682	0.445001	0.507113	0.569572	0.565542	0.534977	0.509441	0.59177
0.598134	0.425804	0.53498	0.408759	0.570409	0.564964	0.650004	0.680241	0.458317	0.453378
0.525937	0.539547	0.461817	0.347536	0.70289	0.586575	0.598763	0.406865	0.353023	0.740443
0.539951	0.508996	0.428713	0.466845	0.600922	0.609318	0.573845	0.317248	0.414502	0.553493
0.506118	0.634818	0.690601	0.640428	0.533361	0.328976	0.381986	0.535829	0.570141	0.622082
0.631987	0.629524	0.709602	0.542433	0.638025	0.382744	0.616891	0.593207	0.46331	0.652419
0.735576	0.692859	0.506486	0.576411	0.764531	0.539164	0.669295	0.610083	0.479389	0.71379
0.510792	0.728364	0.425336	0.375896	0.532516	0.385161	0.616891	0.453678	0.665146	0.721616
0.471141	0.663438	0.488219	0.549369	0.732618	0.483315	0.517168	0.478375	0.543451	0.484255
0.570309	0.767033	0.766227	0.702915	0.714281	0.497206	0.611779	0.511767	0.633232	0.570813
0.539951	0.556113	0.438313	0.415769	0.720742	0.456799	0.53982	0.411967	0.49454	0.479707
0.497676	0.60299	0.429392	0.488325	0.892533	0.741147	0.639044	0.474654	0.62796	0.707375
0.525937	0.641257	0.529814	0.599326	0.748975	0.586575	0.747948	0.466578	0.551287	0.65018
0.508449	0.654429	0.581566	0.754385	0.631617	0.501937	0.730234	0.660472	0.55041	0.594707
0.322446	0.626378	0.546389	0.552879	0.617023	0.488665	0.754957	0.67316	0.691024	0.542029
0.444114	0.532757	0.472186	0.450534	0.582548	0.60327	0.731572	0.523217	0.719836	0.534266
0.69066	0.59417	0.372795	0.472665	0.604892	0.643083	0.616891	0.435696	0.631116	0.538562
0.682441	0.580796	0.515502	0.628732	0.454693	0.684498	0.651115	0.521562	0.579414	0.618953
0.50226	0.769931	0.701901	0.642589	0.461805	0.617517	0.666981	0.600077	0.659474	0.524126
0.490141	0.689221	0.466231	0.551998	0.434029	0.509132	0.58326	0.43978	0.63536	0.453378
0.598134	0.488745	0.461817	0.658024	0.535905	0.499565	0.545891	0.449462	0.593707	0.422564
0.689477	0.470124	0.548171	0.571785	0.32513	0.502731	0.401583	0.457935	0.712134	0.524126
0.60295	0.542121	0.626211	0.729869	0.537609	0.578936	0.505872	0.488202	0.722434	0.757256
0.606842	0.563281	0.618794	0.506941	0.426692	0.647495	0.658976	0.618258	0.342032	0.475954
0.651038	0.598068	0.527254	0.584863	0.361131	0.669083	0.595814	0.51096	0.350249	0.455512
0.703898	0.481949	0.534115	0.646944	0.395436	0.47133	0.454833	0.630815	0.578478	0.563436
0.550981	0.380223	0.562697	0.571785	0.607893	0.646388	0.412365	0.67316	0.717253	0.588852
0.449523	0.409016	0.643655	0.502212	0.611927	0.702992	0.552048	0.623446	0.611504	0.568957
0.814652	0.587432	0.524709	0.524738	0.469036	0.745292	0.604722	0.674332	0.46045	0.477451
0.697831	0.57057	0.540209	0.641507	0.481611	0.53658	0.569213	0.524877	0.386566	0.414055
0.653208	0.422525	0.64033	0.624556	0.540178	0.702992	0.52709	0.586445	0.382377	0.457657
0.609783	0.477477	0.621957	0.635073	0.738002	0.54613	0.407893	0.632944	0.533218	0.626288
0.713786	0.45297	0.592305	0.404356	0.563104	0.393727	0.397841	0.524046	0.477902	0.627346
0.771171	0.446018	0.585441	0.425515	0.670406	0.576105	0.560997	0.549699	0.513449	0.571744

0.585857	0.433107	0.725425	0.469018	0.511916	0.689353	0.486404	0.601067	0.472006	0.632675
0.493139	0.359392	0.61047	0.642589	0.624259	0.571428	0.463415	0.695989	0.364299	0.549934
0.443443	0.365079	0.515502	0.611253	0.652243	0.412028	0.442958	0.478375	0.46619	0.679028
0.592425	0.521124	0.58935	0.385976	0.544494	0.530611	0.536389	0.637233	0.608487	0.691126
0.627865	0.552572	0.574869	0.484545	0.722045	0.487129	0.486404	0.538396	0.447806	0.626288
0.493892	0.487984	0.68201	0.509326	0.724664	0.625873	0.501119	0.627642	0.356375	0.643533
0.525127	0.589346	0.834799	0.631891	0.673897	0.474295	0.509873	0.657075	0.39568	0.597665
0.557038	0.518671	0.679587	0.513329	0.533361	0.577047	0.522101	0.622403	0.576611	0.663788
0.720082	0.523591	0.590332	0.458258	0.541038	0.479534	0.627299	0.676686	0.60549	0.339763
0.722626	0.591269	0.657214	0.485298	0.656713	0.567723	0.568292	0.544446	0.436868	0.557083
0.455	0.524416	0.664155	0.522267	0.688152	0.70048	0.577587	0.486676	0.385365	0.733625
0.440102	0.45297	0.40049	0.562679	0.777686	0.515628	0.615864	0.64594	0.388977	0.595691
0.547557	0.593201	0.578683	0.495213	0.599936	0.494081	0.490228	0.751163	0.575681	0.49662
0.579387	0.459324	0.555374	0.459678	0.753163	0.566801	0.696838	0.506153	0.438221	0.421904
0.427634	0.577983	0.591317	0.393845	0.661229	0.594352	0.772258	0.51096	0.487657	0.50613
0.378745	0.540404	0.656067	0.485298	0.498445	0.358149	0.731572	0.669663	0.636427	0.65018
0.590538	0.748651	0.603315	0.533917	0.532516	0.394346	0.499547	0.607057	0.657226	0.368557
0.584927	0.715348	0.554467	0.438859	0.46758	0.385768	0.403466	0.269897	0.498412	0.38704
0.40989	0.539547	0.43762	0.417056	0.770328	0.519739	0.478854	0.295618	0.45268	0.457657
0.455	0.625335	0.434173	0.501429	0.669248	0.396206	0.494862	0.363462	0.636427	0.495055
0.520296	0.557002	0.474441	0.483793	0.623218	0.396206	0.627299	0.366918	0.568309	0.49662
0.438772	0.601014	0.507298	0.628732	0.484624	0.469119	0.759218	0.439097	0.558373	0.317404
0.43023	0.433777	0.44955	0.526392	0.522506	0.588506	0.617921	0.492042	0.571059	0.4401
0.524318	0.557002	0.538459	0.557306	0.803677	0.717073	0.566457	0.476139	0.617602	0.509347
0.348065	0.705209	0.561775	0.52972	0.658965	0.416564	0.603723	0.488967	0.560163	0.571744
0.395838	0.565092	0.41143	0.712987	0.543628	0.403097	0.632599	0.579786	0.619654	0.472974
0.388683	0.57705	0.289992	0.520629	0.531673	0.553209	0.730234	0.604052	0.692238	0.38826
0.420577	0.653316	0.349013	0.432804	0.470497	0.466188	0.604722	0.473913	0.486898	0.544648
0.503799	0.728364	0.64033	0.592516	0.665793	0.634393	0.594835	0.49904	0.586026	0.456941
0.475452	0.500313	0.584469	0.580147	0.611927	0.421806	0.629411	0.504562	0.536603	0.419272
0.551841	0.497974	0.39106	0.575482	0.447695	0.474295	0.58231	0.534977	0.674379	0.478202
0.55791	0.662302	0.549065	0.562679	0.427354	0.509132	0.560997	0.507749	0.612514	0.38765
0.725185	0.595141	0.464755	0.599326	0.802105	0.717073	0.624151	0.461515	0.487657	0.464155
0.382809	0.616054	0.557193	0.584863	0.805256	0.686919	0.673961	0.448763	0.642888	0.558888
0.310429	0.586477	0.619846	0.583915	0.690574	0.54613	0.709381	0.564026	0.647249	0.592747
0.388683	0.634818	0.528106	0.58963	0.572255	0.49486	0.557395	0.424989	0.661734	0.486547
0.608801	0.599048	0.401126	0.554644	0.555031	0.539164	0.564629	0.524046	0.584127	0.431919
0.610768	0.694078	0.487442	0.476343	0.464683	0.514811	0.567374	0.404337	0.629009	0.447038
0.524318	0.792309	0.647005	0.645851	0.661229	0.494081	0.688269	0.446673	0.665146	0.43599
0.537445	0.778744	0.667668	0.751591	0.59019	0.461107	0.578527	0.566766	0.45268	0.321052
0.611756	0.711518	0.416016	0.663672	0.333054	0.462553	0.543279	0.504562	0.569224	0.333256
0.601983	0.531916	0.376989	0.55112	0.553257	0.569572	0.746559	0.55235	0.571059	0.455512
0.466165	0.669165	0.564548	0.604256	0.631617	0.66676	0.658976	0.516637	0.493001	0.366228
0.374717	0.686813	0.486667	0.541574	0.599936	0.484075	0.568292	0.516637	0.676718	0.502142
0.382226	0.556113	0.549961	0.665952	0.428017	0.411384	0.551163	0.628697	0.898317	0.617916
0.567622	0.688015	0.432117	0.618365	0.453988	0.442047	0.503489	0.267131	0.508644	0.451961
0.615727	0.691643	0.508927	0.50615	0.489182	0.47133	0.714501	0.493587	0.402487	0.572677

0.508449	0.672638	0.562697	0.664811	0.69179	0.481042	0.653347	0.41648	0.508644	0.537699
0.421214	0.57057	0.699364	0.648039	0.449086	0.507523	0.724926	0.399947	0.440257	0.512588
0.479078	0.582682	0.55902	0.741954	0.397287	0.336493	0.688269	0.51096	0.67907	0.502142
0.50457	0.676138	0.383662	0.561779	0.630558	0.483315	0.57106	0.548819	0.648347	0.418616
0.519496	0.598068	0.379403	0.545021	0.64672	0.619591	0.538101	0.369819	0.540013	0.420586
0.414886	0.636954	0.405604	0.436158	0.602903	0.525559	0.471434	0.369237	0.653875	0.587883
0.37016	0.357138	0.334033	0.445001	0.523331	0.57236	0.607732	0.456512	0.642888	0.524962
0.50226	0.399618	0.513025	0.574555	0.45118	0.535723	0.636885	0.564938	0.750696	0.452669
0.678966	0.613004	0.375186	0.413846	0.426031	0.53658	0.516352	0.436374	0.6959	0.451255
0.535782	0.561478	0.376387	0.403106	0.522506	0.600277	0.481858	0.328217	0.534907	0.382194
0.579387	0.767033	0.665323	0.752986	0.627397	0.540029	0.634737	0.410686	0.569224	0.425217
0.560537	0.870976	0.880288	0.885931	0.719442	0.544378	0.750738	0.700952	0.660603	0.500557
0.513149	0.80316	0.506486	0.594451	0.577839	0.473552	0.60074	0.526544	0.714686	0.497405
0.490141	0.595141	0.409479	0.403106	0.525817	0.46473	0.53982	0.437053	0.652763	0.431919
0.471857	0.608971	0.536716	0.567208	0.60689	0.503526	0.47736	0.411326	0.566486	0.495837
0.555298	0.602001	0.624079	0.649137	0.595035	0.521394	0.66011	0.553237	0.661734	0.391941
0.545855	0.686813	0.517994	0.675194	0.458946	0.566801	0.889769	0.604052	0.66629	0.403806
0.567622	0.780231	0.642544	0.624556	0.499226	0.552317	0.610764	0.40245	0.613527	0.502937
0.523511	0.579857	0.538459	0.562679	0.379129	0.496423	0.64449	0.394367	0.470545	0.538562
0.452253	0.651099	0.427359	0.551998	0.53932	0.629048	0.70811	0.421041	0.557481	0.419928
0.419306	0.630578	0.626211	0.662537	0.680966	0.53744	0.78722	0.519914	0.642888	0.475207
0.536613	0.677311	0.613573	0.671705	0.500009	0.510747	0.605723	0.458649	0.60549	0.414055
0.495401	0.674968	0.378194	0.55909	0.521682	0.328976	0.551163	0.526544	0.611504	0.469278
0.480537	0.635885	0.426009	0.459678	0.566741	0.421806	0.507468	0.467306	0.54087	0.618953
0.375864	0.655545	0.50406	0.482292	0.615999	0.470591	0.456963	0.397458	0.59274	0.572677
0.304056	0.575189	0.747461	0.774457	0.522506	0.463277	0.654467	0.711051	0.687403	0.584032
0.329097	0.530238	0.504867	0.565391	0.453988	0.45395	0.535535	0.722701	0.791488	0.62418
0.605866	0.655545	0.472936	0.467568	0.534207	0.600277	0.610764	0.492814	0.562862	0.434629
0.463346	0.634818	0.657214	0.728547	0.575038	0.344143	0.476615	0.341646	0.401241	0.448439
0.546705	0.716632	0.554467	0.554644	0.500792	0.383347	0.57106	0.343286	0.407505	0.502937
0.50767	0.678488	0.585441	0.627684	0.498445	0.428448	0.52045	0.419733	0.607486	0.416656
0.434809	0.669165	0.473688	0.630835	0.561297	0.339755	0.524588	0.529057	0.565577	0.275399
0.44546	0.499532	0.549065	0.556417	0.563104	0.445514	0.469965	0.405599	0.524872	0.447038
0.425055	0.558787	0.593294	0.514134	0.724664	0.526397	0.574777	0.4075	0.469816	0.54116
0.430881	0.649994	0.544614	0.559984	0.560396	0.393727	0.717084	0.569523	0.607486	0.691126
0.434809	0.546445	0.380616	0.517369	0.399766	0.337578	0.445723	0.428973	0.542589	0.622082
0.484943	0.485711	0.359294	0.45473	0.449086	0.429789	0.501119	0.381621	0.489939	0.389483
0.388092	0.513807	0.372199	0.520629	0.454693	0.35025	0.52709	0.331935	0.401863	0.33704
0.357319	0.554339	0.491341	0.431469	0.511111	0.367355	0.560094	0.439097	0.367164	0.417308
0.403725	0.422525	0.452406	0.39691	0.403512	0.335411	0.519628	0.528218	0.405616	0.535979
0.371295	0.386793	0.311196	0.408759	0.398525	0.419832	0.36669	0.4075	0.448499	0.590795
0.425055	0.473051	0.337318	0.346987	0.354359	0.358718	0.469965	0.354941	0.493001	0.379792
0.524318	0.48345	0.419986	0.428151	0.488419	0.272637	0.346914	0.312121	0.303129	0.342503
0.455	0.464331	0.448839	0.470473	0.51922	0.284487	0.416235	0.329807	0.398142	0.416656
0.44546	0.441216	0.453122	0.502997	0.480861	0.36852	0.449204	0.455092	0.464748	0.445642
0.452938	0.632693	0.446713	0.472665	0.409192	0.36388	0.400332	0.390077	0.388977	0.310711
0.374717	0.549061	0.485119	0.439537	0.547978	0.341396	0.480354	0.401823	0.297705	0.330039

0.403725	0.534445	0.600285	0.433472	0.581602	0.434515	0.36669	0.331935	0.319818	0.4401
0.551841	0.645604	0.650381	0.576411	0.571331	0.356444	0.490228	0.419733	0.25838	0.417308
0.685945	0.692859	0.635937	0.658024	0.578776	0.468384	0.59975	0.502977	0.303625	0.379193
0.64353	0.638026	0.436929	0.467568	0.613958	0.558595	0.74242	0.500611	0.50468	0.401911
0.532476	0.641257	0.396693	0.434813	0.63481	0.522224	0.68225	0.451565	0.440257	0.511776
0.487163	0.822416	0.461817	0.471203	0.544494	0.410099	0.534683	0.548819	0.547787	0.549048
0.592425	0.750037	0.540209	0.743318	0.524987	0.516447	0.676314	0.606053	0.578478	0.426549
0.437447	0.697757	0.521338	0.771532	0.620109	0.6955	0.838891	0.705972	0.664006	0.429225
0.74757	0.767033	0.552659	0.542433	0.697921	0.634393	0.663532	0.524877	0.599559	0.38826
0.669832	0.750037	0.852427	0.662537	0.714281	0.55054	0.598763	0.443903	0.546916	0.535122
0.557038	0.685614	0.80963	0.760026	0.755977	0.497991	0.732913	0.47023	0.576611	0.729585
0.539951	0.891644	0.497654	0.626639	0.548853	0.568646	0.87648	0.681432	0.641805	0.589822
0.578471	0.840851	0.542847	0.552879	0.593091	0.638716	0.842334	0.519093	0.698358	0.5429
0.658679	0.757038	0.747461	0.575482	0.750367	0.726277	0.732913	0.547064	0.559267	0.420586
0.534126	0.82571	0.80963	0.559984	0.70289	0.807911	0.710655	0.524046	0.547787	0.578317
0.768327	0.913346	0.939818	0.67989	0.755977	0.449009	0.506669	0.615174	0.632173	0.701054
0.991216	1.103124	0.599279	0.585812	0.707916	0.377951	0.494087	0.510155	0.648347	0.654669
0.852526	0.783219	0.740454	0.578275	0.669248	0.569572	0.870907	0.43165	0.484632	0.567109
0.571208	0.750037	0.986211	0.615303	0.945953	0.66676	0.741049	0.595159	0.529025	0.658066
0.419306	0.719212	1.212324	0.901377	1.124632	0.522224	0.60074	0.652587	0.434176	0.704836
0.55791	0.951377	0.891953	0.837518	0.952562	0.581785	0.785701	0.817634	0.561061	0.655798
0.656482	1.044615	0.684447	0.528053	0.72598	0.655324	0.958558	0.64594	0.561061	0.803967
0.73165	0.689221	0.795201	0.608241	0.896416	0.491751	0.909488	0.790733	0.614542	0.61688
0.580306	0.706463	1.016629	0.983334	1.802482	0.988192	0.903478	0.734671	0.497635	0.68868
0.666456	0.82903	0.799958	0.777402	1.236955	0.664448	0.851063	1.108915	0.916264	0.980058
0.511577	0.767033	0.773666	0.432804	1.017059	0.6955	0.977014	1.060623	0.764829	0.741819
0.761297	0.661168	0.633757	0.430804	0.892533	0.983361	0.656715	0.798474	0.499191	0.961376
0.574825	0.561478	0.84529	0.747435	1.051898	1.456656	1.14809	0.959189	0.785421	0.859918
0.434152	0.748651	1.208223	1.058282	0.948145	0.853526	0.589009	0.878894	0.799193	1.075777
0.458458	0.858318	0.988666	0.623518	0.898372	0.720994	0.631534	0.902058	1.179641	1.160949
0.401892	0.703958	0.643655	0.596394	0.774728	0.857103	1.141157	0.992064	0.852036	1.248904
0.496158	0.509794	0.631587	0.545887	0.548853	0.868015	0.887846	0.956934	0.857336	1.187051
0.325503	0.41092	0.852427	0.751591	0.625302	0.857103	0.977014	1.246771	0.956778	1.055438
0.512362	0.560579	0.624079	0.740595	0.848449	0.658723	0.563718	0.817634	0.692238	0.907691
0.384563	0.513807	0.673586	0.50615	0.833006	0.664448	0.727572	0.85512	0.648347	0.932634
0.42249	0.484203	0.430072	0.242247	0.568571	0.597304	0.713215	1.030287	0.668586	0.858113
0.451569	0.414113	0.456001	0.424859	0.586352	0.858903	0.804298	0.99697	0.593707	0.696062
0.386913	0.567823	0.523864	0.466123	0.496111	0.78298	0.743795	0.775654	0.606487	0.697304
0.323463	0.405232	0.582532	0.526392	0.694232	0.54613	0.546765	0.811153	0.879209	1.04423
0.392246	0.462894	0.38858	0.431469	0.475648	0.434515	0.650004	0.734671	0.675547	0.934778
0.39344	0.358263	0.346761	0.322467	0.40226	0.574228	0.630471	0.922352	0.56196	0.683827
0.383393	0.365079	0.466971	0.321949	0.466854	0.540029	0.584213	0.762517	0.519939	0.563436
0.307967	0.334684	0.478985	0.378246	0.48538	0.467651	0.581361	0.700952	0.401863	0.80716
0.369028	0.405861	0.474441	0.355292	0.398525	0.337578	0.519628	0.695989	0.640724	0.686247
0.416144	0.456488	0.316925	0.314762	0.259204	0.372621	0.500332	0.53074	0.429505	0.575488
0.454311	0.344945	0.396693	0.338838	0.403512	0.386983	0.536389	0.562209	0.417074	0.472974
0.480537	0.335218	0.454559	0.240956	0.357732	0.419177	0.426728	0.523217	0.48088	0.428555

0.35403	0.338436	0.342291	0.209876	0.395436	0.358718	0.368428	0.433668	0.404362	0.447038
0.288756	0.322578	0.340074	0.367191	0.500792	0.419177	0.378408	0.374501	0.386566	0.522459
0.350225	0.325704	0.387962	0.399378	0.384497	0.358149	0.368428	0.401197	0.312153	0.507736
0.461244	0.368527	0.464755	0.289541	0.408557	0.377355	0.345811	0.401823	0.361452	0.458374
0.314897	0.309791	0.416016	0.33349	0.481611	0.505919	0.288597	0.452268	0.38777	0.564351
0.339005	0.203082	0.328076	0.28145	0.428681	0.358149	0.318585	0.330338	0.282301	0.441479
0.400674	0.380816	0.428713	0.32611	0.295783	0.306667	0.308863	0.191413	0.303129	0.461255
0.491637	0.356576	0.581566	0.368918	0.353241	0.410741	0.370172	0.286394	0.323443	0.303114
0.389867	0.324659	0.439007	0.329784	0.358297	0.482556	0.321701	0.372154	0.273871	0.296635
0.420577	0.374921	0.394808	0.353618	0.434702	0.350809	0.285229	0.337844	0.25838	0.270248
0.363971	0.366225	0.510561	0.332958	0.31941	0.29865	0.27248	0.328746	0.404362	0.390096
0.557038	0.39653	0.401763	0.405609	0.37149	0.500354	0.370755	0.472436	0.36774	0.428555
0.421214	0.437819	0.512202	0.404356	0.379722	0.47281	0.374859	0.319316	0.337712	0.304622
0.295861	0.400859	0.515502	0.445001	0.436728	0.425114	0.315491	0.394367	0.33825	0.344155
0.430881	0.461462	0.464018	0.349186	0.420128	0.394346	0.397841	0.418429	0.450584	0.384611
0.605866	0.288642	0.373989	0.334554	0.404768	0.385768	0.220773	0.406865	0.305616	0.358175
0.378745	0.354337	0.517162	0.348635	0.351013	0.558595	0.33493	0.328746	0.310131	0.244495
0.304056	0.429108	0.459627	0.395069	0.382103	0.490205	0.321701	0.4075	0.469088	0.378595
0.442103	0.556113	0.481275	0.428813	0.480113	0.445514	0.424081	0.50695	0.578478	0.491942
0.434809	0.60299	0.541966	0.405609	0.372073	0.528921	0.409166	0.547941	0.327097	0.255153
0.647805	0.482699	0.584469	0.459678	0.41238	0.571428	0.341426	0.380426	0.3453	0.217701
0.51001	0.550813	0.643655	0.552879	0.526649	0.669083	0.532137	0.500611	0.515871	0.363912
0.573918	0.595141	0.716125	0.543294	0.571331	0.512368	0.533833	0.412609	0.500752	0.41276
0.703898	0.565092	0.45169	0.302711	0.481611	0.450415	0.577587	0.473913	0.311646	0.373252
0.490141	0.393463	0.430753	0.432136	0.520039	0.697983	0.566457	0.554126	0.371208	0.366809
0.416775	0.241384	0.512202	0.576411	0.59019	0.775474	0.470699	0.473174	0.551287	0.412115
0.482734	0.402728	0.590332	0.418994	0.526649	0.560405	0.481105	0.469497	0.539158	0.43599
0.425055	0.615035	0.52302	0.375896	0.418178	0.388812	0.31652	0.36634	0.431501	0.392557
0.50226	0.470854	0.448839	0.342079	0.401635	0.446909	0.344162	0.458649	0.432168	0.478954
0.616726	0.467218	0.492911	0.463964	0.45118	0.559499	0.363235	0.516637	0.497635	0.354203
0.436126	0.374921	0.456001	0.392625	0.50791	0.543504	0.371924	0.487438	0.390795	0.302612
0.350225	0.394687	0.406247	0.339916	0.483115	0.313805	0.400957	0.404337	0.403111	0.305631
0.294907	0.402104	0.395435	0.435485	0.373827	0.324737	0.418184	0.37568	0.438898	0.462703
0.513937	0.429108	0.526404	0.485298	0.483869	0.648605	0.47217	0.457223	0.337175	0.478954
0.540789	0.539547	0.596276	0.646944	0.696688	0.795266	0.501908	0.432322	0.474944	0.419928
1.343991	1.044615	0.899907	0.625596	0.728623	0.651951	0.586125	0.601067	0.741069	0.608686
1.033935	1.023254	1.412997	0.92771	0.841518	0.679697	0.854604	0.769766	0.598578	0.395653
1.867226	0.995499	0.463855	0.652686	1.089778	1.237099	0.932266	0.834273	0.719836	0.621036
1.207731	0	0	0.231928	0.871232	0.973809	0.730234	0.856903	1.137001	0.669587
0	0	0	1.159473	1.015353	1.390526	0.593859	1.318095	1.430249	0.913794
0	0	0	2.647995	1.66837	0.296929	0.148465	0.918883	1.959288	1.168248
0	1.499438	0	0	0	0	0.074232	1.081396	1.243908	0.968288
0	0	0	0	0	0	1.332508	1.416247	1.162652	1.708651
0	0	0	1.924299	0	0	1.24563	1.89937	0.581326	0.290663
0	0	0	0	0	0	0	0	0	0
1.365875	0	0	0	0	0	0	0	0	0
2.197711	0	0	0	0	0	0	2.095214	0	0

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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

[illegible]

0.39668	0.528012	0.457971	0.382698	0.608097	0.407944	0.428911	0.48174	0.453631	0.488258
0.48383	0.396999	0.458693	0.465466	0.664971	0.484352	0.428911	0.497187	0.359475	0.54524
0.328928	0.485716	0.445866	0.490067	0.604016	0.416954	0.395178	0.53926	0.526141	0.560284
0.296897	0.47956	0.328449	0.49404	0.512756	0.308726	0.457637	0.483261	0.448687	0.581506
0.392315	0.567328	0.343164	0.399704	0.468949	0.27556	0.447849	0.30071	0.412324	0.654439
0.313651	0.402083	0.317863	0.443604	0.580302	0.406672	0.507008	0.457396	0.395845	0.557591
0.421172	0.50311	0.359544	0.499663	0.546105	0.337538	0.533971	0.533238	0.405912	0.673882
0.426509	0.484942	0.394907	0.504542	0.425777	0.375433	0.618376	0.592653	0.550307	0.661202
0.429878	0.421029	0.382594	0.400991	0.277659	0.325783	0.602297	0.40731	0.463693	0.593004
0.380081	0.482627	0.324184	0.365737	0.352205	0.450048	0.567246	0.339939	0.387225	0.402675
0.377674	0.427081	0.319959	0.517828	0.450733	0.426155	0.63935	0.547127	0.493795	0.50856
0.522246	0.57966	0.345944	0.439361	0.351637	0.402249	0.590616	0.485551	0.514544	0.413457
0.531549	0.435975	0.383202	0.461745	0.247589	0.278386	0.412672	0.409232	0.382978	0.350777
0.514779	0.342445	0.327379	0.358667	0.311518	0.461424	0.443721	0.404125	0.388446	0.231895
0.459986	0.265999	0.245753	0.418744	0.313075	0.294761	0.413949	0.309296	0.36814	0.208442
0.514779	0.375429	0.347061	0.388919	0.256165	0.393536	0.398868	0.339939	0.441028	0.3609
0.423165	0.507978	0.504412	0.240217	0.256165	0.469422	0.359907	0.389156	0.314423	0.269865
0.275044	0.323367	0.391176	0.299222	0.374972	0.369563	0.232183	0.44328	0.404006	0.177153
0.367009	0.259966	0.308039	0.345428	0.398365	0.381384	0.251542	0.33504	0.35549	0.257583
0.352052	0.338562	0.424626	0.437956	0.349936	0.340255	0.379541	0.364719	0.434182	0.246949
0.460712	0.417703	0.498031	0.452943	0.469694	0.475332	0.392735	0.483261	0.327508	0.315557
0.543686	0.530582	0.640067	0.364551	0.48952	0.50139	0.398868	0.543613	0.315972	0.331745
0.273625	0.217417	0.423958	0.435856	0.50299	0.36898	0.331498	0.424922	0.315972	0.378314
0.434639	0.31965	0.465252	0.345995	0.443656	0.452864	0.370191	0.499553	0.496923	0.562994
0.358891	0.290511	0.443765	0.401636	0.340423	0.519124	0.472014	0.471245	0.462966	0.344705
0.346433	0.355455	0.38381	0.330933	0.46011	0.399741	0.297925	0.427593	0.325917	0.425173
0.298393	0.474999	0.373583	0.280761	0.309452	0.380187	0.392127	0.381258	0.348184	0.479198
0.326255	0.296986	0.406937	0.363959	0.431883	0.350736	0.449928	0.455249	0.400221	0.521542
0.421172	0.327654	0.461596	0.365144	0.474189	0.480571	0.36846	0.494054	0.423446	0.494404
0.436696	0.483397	0.358394	0.304865	0.546105	0.460704	0.410764	0.435025	0.415566	0.469593
0.411987	0.6997	0.390558	0.316376	0.497393	0.389244	0.485373	0.441201	0.390898	0.454511
0.343651	0.499895	0.347061	0.338678	0.465244	0.333227	0.480129	0.379455	0.476232	0.554915
0.507439	0.607473	0.677908	0.577379	0.550572	0.424828	0.430236	0.586815	0.36814	0.389715
0.519743	0.5129	0.609335	0.433072	0.557816	0.420873	0.559132	0.600561	0.456482	0.454511
0.356599	0.4975	0.408867	0.437956	0.613253	0.371316	0.42693	0.352716	0.380569	0.644487
0.383107	0.470486	0.468199	0.407482	0.587085	0.370147	0.42693	0.452403	0.398966	0.611856
0.294413	0.427759	0.442369	0.433767	0.4903	0.353537	0.528942	0.540996	0.534618	0.646679
0.340887	0.462331	0.345944	0.23535	0.526979	0.495117	0.584892	0.638045	0.495357	0.635828
0.442228	0.524608	0.425295	0.411424	0.538179	0.398493	0.55646	0.356112	0.338267	0.625243
0.567167	0.515383	0.544803	0.493242	0.517723	0.475332	0.582057	0.295737	0.314423	0.403302
0.367009	0.55991	0.506829	0.506181	0.465983	0.360904	0.424958	0.32224	0.294766	0.427157
0.375282	0.545443	0.355533	0.504542	0.475698	0.396627	0.495284	0.43639	0.431473	0.444405
0.406183	0.481858	0.481713	0.542995	0.711816	0.643011	0.638277	0.555139	0.417522	0.49132
0.476991	0.569203	0.412753	0.511965	0.682864	0.54804	0.560026	0.443975	0.47999	0.604815
0.524763	0.549912	0.447273	0.539435	0.39396	0.357488	0.448541	0.392232	0.465149	0.483704
0.37409	0.534033	0.291979	0.339237	0.340423	0.240395	0.452715	0.424257	0.515362	0.433163
0.450662	0.584498	0.249758	0.371117	0.432566	0.346292	0.473478	0.415701	0.526981	0.436536

0.522246	0.57774	0.331676	0.609483	0.662641	0.371902	0.492977	0.425589	0.450799	0.50936
0.602936	0.57966	0.359544	0.468466	0.562405	0.520773	0.515811	0.437074	0.468812	0.417976
0.469515	0.49591	0.411454	0.571615	0.463036	0.499813	0.410764	0.41766	0.485307	0.340342
0.518911	0.532304	0.432725	0.436555	0.414472	0.420873	0.507008	0.413102	0.420804	0.376541
0.513957	0.548119	0.442369	0.579317	0.528683	0.499027	0.674005	0.389769	0.36062	0.27497
0.72553	0.470486	0.479431	0.462487	0.55873	0.536755	0.472746	0.542739	0.600095	0.399554
0.497841	0.432532	0.585449	0.571615	0.404095	0.722008	0.560026	0.564218	0.664343	0.596906
0.431912	0.467503	0.556421	0.491651	0.338766	0.677149	0.600328	0.547127	0.743912	0.50379
0.572771	0.448597	0.488632	0.579317	0.437383	0.66778	0.589657	0.627304	0.588312	0.464507
0.529843	0.47956	0.510074	0.656738	0.619523	0.620616	0.493745	0.480225	0.685629	0.463785
0.63753	0.446468	0.419309	0.563109	0.553274	0.482079	0.284431	0.409232	0.517003	0.441988
0.52141	0.491175	0.519122	0.410106	0.415129	0.604297	0.424302	0.528988	0.441719	0.386082
0.671565	0.460865	0.586418	0.542102	0.494226	0.509361	0.539912	0.594617	0.426105	0.296013
0.587106	0.447886	0.486313	0.599193	0.603001	0.677149	0.44578	0.471987	0.448687	0.433163
0.599923	0.468992	0.6876	0.717712	0.495806	0.457123	0.397019	0.554241	0.631032	0.640136
0.534983	0.309718	0.448684	0.553851	0.609123	0.442396	0.374841	0.549781	0.632102	0.565721
0.380684	0.288537	0.603239	0.543889	0.615333	0.546285	0.44031	0.60156	0.462241	0.566634
0.560719	0.484169	0.441673	0.374135	0.429838	0.600311	0.522327	0.577256	0.459352	0.4141
0.531549	0.457947	0.45152	0.397781	0.42376	0.579019	0.489159	0.501137	0.525302	0.66234
0.471744	0.410474	0.586418	0.53855	0.576472	0.470892	0.307827	0.54801	0.590253	0.73535
0.348111	0.327654	0.441673	0.432379	0.70922	0.508557	0.408864	0.499553	0.479236	0.485975
0.410691	0.355455	0.440978	0.426874	0.621633	0.466496	0.575515	0.609633	0.492239	0.489786
0.506631	0.437359	0.312664	0.417404	0.448598	0.416304	0.4691	0.635876	0.438963	0.455925
0.444321	0.549015	0.536073	0.509477	0.503795	0.424828	0.449928	0.561474	0.39834	0.570305
0.26893	0.469738	0.52498	0.476824	0.562405	0.556028	0.389701	0.518127	0.432148	0.585305
0.30241	0.515383	0.557328	0.58322	0.573622	0.484352	0.461187	0.518953	0.6051	0.693013
0.448538	0.570143	0.440285	0.412084	0.495016	0.54541	0.598368	0.442586	0.438963	0.587217
0.432592	0.524608	0.39867	0.350561	0.624817	0.459986	0.453415	0.416353	0.368724	0.643395
0.486905	0.542783	0.53521	0.450048	0.66148	0.400367	0.480875	0.586815	0.60209	0.726018
0.486905	0.624205	0.567429	0.573527	0.560563	0.388025	0.538206	0.602561	0.638579	0.640136
0.561635	0.713883	0.494875	0.622162	0.52359	0.394152	0.557349	0.507531	0.68928	0.606815
0.414591	0.448597	0.39867	0.430307	0.417106	0.645205	0.701631	0.422267	0.614258	0.533229
0.380684	0.488047	0.376566	0.504542	0.544331	0.472367	0.592541	0.35441	0.558369	0.605814
0.468036	0.539262	0.450809	0.429618	0.407311	0.476823	0.536507	0.406033	0.642951	0.652207
0.509872	0.506349	0.480951	0.585185	0.425104	0.488933	0.583945	0.460275	0.623613	0.599855
0.576548	0.586448	0.476407	0.489276	0.459382	0.444469	0.473478	0.438445	0.574019	0.425833
0.503414	0.533168	0.403739	0.455127	0.312037	0.564165	0.48992	0.447466	0.512912	0.377131
0.457096	0.681077	0.474903	0.678155	0.404095	0.485112	0.434238	0.437759	0.582538	0.322272
0.496261	0.685966	0.547457	0.581264	0.385896	0.553349	0.637207	0.495618	0.587344	0.510162
0.418528	0.461597	0.531773	0.705852	0.26445	0.466496	0.599347	0.708749	0.750898	0.47622
0.561635	0.469738	0.487085	0.716378	0.454316	0.543665	0.499157	0.649058	0.8484	0.579619
0.450662	0.466019	0.432044	0.614721	0.483322	0.65074	0.495284	0.501931	0.723602	0.572152
0.533262	0.413745	0.474153	0.524626	0.375571	0.600311	0.504638	0.563302	0.603091	0.410258
0.612101	0.44224	0.448684	0.410106	0.347117	0.689153	0.652439	0.615788	0.523629	0.395222
0.587106	0.380266	0.568359	0.442894	0.473437	0.519947	0.568157	0.649058	0.353793	0.455925
0.554366	0.409173	0.454375	0.559382	0.472685	0.564165	0.452715	0.573491	0.493795	0.560284
0.483065	0.306115	0.414057	0.616834	0.577426	0.606303	0.369036	0.494835	0.562001	0.591067

0.506631	0.348618	0.537805	0.647548	0.479493	0.678335	0.45693	0.565136	0.515362	0.469593
0.509059	0.413089	0.714122	0.656738	0.652304	0.619578	0.464048	0.553346	0.404641	0.463065
0.503414	0.442942	0.589339	0.482228	0.592986	0.555133	0.524796	0.701138	0.411034	0.482197
0.514779	0.421029	0.613446	0.461005	0.582229	0.467957	0.448541	0.573491	0.508053	0.610843
0.584201	0.568265	0.640067	0.48613	0.621633	0.565079	0.412672	0.591675	0.575898	0.654439
0.503414	0.445054	0.609335	0.458056	0.571732	0.552459	0.637207	0.675502	0.405912	0.515815
0.513137	0.572976	0.558237	0.476824	0.519391	0.645205	0.684607	0.689965	0.471765	0.493631
0.319908	0.427081	0.476407	0.629732	0.652304	0.499813	0.652439	0.542739	0.635328	0.589138
0.399194	0.411178	0.449391	0.505361	0.794752	0.488166	0.599347	0.652417	0.560181	0.744887
0.474734	0.495117	0.50121	0.416736	0.674422	0.524922	0.539058	0.58585	0.37937	0.510162
0.477745	0.584498	0.483241	0.350561	0.656867	0.588568	0.602297	0.491718	0.396468	0.68574
0.501016	0.60953	0.391796	0.48613	0.480257	0.451454	0.669375	0.53926	0.496923	0.561186
0.433956	0.457221	0.414057	0.438658	0.554179	0.32473	0.566337	0.505122	0.531207	0.630503
0.434639	0.688431	0.508448	0.627555	0.626953	0.320543	0.558239	0.550669	0.532909	0.554915
0.449245	0.650576	0.654583	0.498855	0.669671	0.555133	0.736475	0.531533	0.539785	0.561186
0.487677	0.652848	0.470422	0.434462	0.557816	0.55424	0.65466	0.402225	0.516182	0.718176
0.56996	0.599343	0.431365	0.520365	0.532112	0.617509	0.56907	0.370554	0.494575	0.602824
0.447832	0.647191	0.494875	0.678155	0.474189	0.489701	0.439631	0.494054	0.695435	0.554915
0.456376	0.642718	0.460868	0.507826	0.421086	0.419563	0.464766	0.466091	0.676039	0.539193
0.623571	0.631732	0.386864	0.561242	0.58611	0.513402	0.671684	0.523106	0.636409	0.571227
0.515602	0.541019	0.410806	0.546583	0.609123	0.625844	0.5887	0.500344	0.646259	0.556697
0.461439	0.507978	0.483241	0.551111	0.522747	0.760413	0.542483	0.594617	0.521132	0.431821
0.367009	0.434594	0.583516	0.558455	0.521906	0.520773	0.499157	0.60156	0.490689	0.357499
0.527296	0.619961	0.514163	0.528065	0.478732	0.597345	0.602297	0.592653	0.490689	0.341973
0.726868	0.549912	0.458693	0.742451	0.669671	0.623746	0.491446	0.590698	0.701678	0.492859
0.517254	0.340776	0.483241	0.648686	0.502186	0.536755	0.41523	0.54801	0.569357	0.461627
0.3365	0.365915	0.538674	0.42893	0.42848	0.516663	0.510987	0.558748	0.47999	0.575869
0.586135	0.391349	0.527515	0.521213	0.379793	0.459986	0.570902	0.60457	0.428781	0.563901
0.716275	0.475756	0.517463	0.58029	0.359084	0.66894	0.587744	0.51648	0.411034	0.378314
0.567167	0.377841	0.516636	0.573527	0.532112	0.666623	0.383696	0.573491	0.697921	0.529858
0.603945	0.395107	0.480951	0.420089	0.57552	0.753301	0.464048	0.561474	0.700422	0.771881
0.608003	0.524608	0.626021	0.46472	0.437383	0.60731	0.508595	0.694895	0.635328	0.711747
0.585167	0.594338	0.536073	0.426874	0.438769	0.588568	0.411399	0.553346	0.371655	0.460195
0.628887	0.463802	0.490184	0.328746	0.567977	0.711631	0.589657	0.530683	0.500074	0.458055
0.412637	0.486492	0.644482	0.436555	0.588063	0.499027	0.457637	0.603564	0.511286	0.566634
0.450662	0.523761	0.679107	0.560311	0.69647	0.465768	0.421691	0.514021	0.503248	0.764613
0.600925	0.597334	0.627085	0.393328	0.57552	0.509361	0.566337	0.582966	0.509667	0.599855
0.605969	0.444349	0.514986	0.295163	0.537307	0.396627	0.591578	0.584887	0.377578	0.52072
0.449953	0.394479	0.629222	0.546583	0.656867	0.552459	0.584892	0.596589	0.431473	0.734005
0.371126	0.532304	0.539544	0.667314	0.645546	0.454988	0.631894	0.6127	0.455768	0.69793
0.523923	0.732631	0.527515	0.544785	0.579341	0.461424	0.668225	0.688741	0.583495	0.563901
0.68353	0.653988	0.463786	0.454398	0.58611	0.413714	0.545936	0.375873	0.39834	0.443362
0.435324	0.556248	0.571161	0.557531	0.633425	0.387417	0.417803	0.471245	0.376387	0.519898
0.417212	0.547225	0.640067	0.561242	0.765802	0.571529	0.524796	0.53926	0.457198	0.609833
0.423832	0.53664	0.41799	0.549294	0.511113	0.441019	0.568157	0.643517	0.6051	0.47622
0.405543	0.607473	0.445164	0.476824	0.447889	0.289396	0.521507	0.437074	0.551195	0.505374
0.457096	0.528867	0.424626	0.545683	0.524435	0.443777	0.575515	0.304729	0.39213	0.436536

0.326789	0.522072	0.424626	0.560311	0.643317	0.4874	0.571821	0.502726	0.607119	0.543503
0.451372	0.71127	0.436832	0.548389	0.533837	0.516663	0.739171	0.593634	0.670151	0.664624
0.397307	0.541019	0.410159	0.705852	0.45002	0.451454	0.612276	0.483261	0.673675	0.408985
0.442228	0.508794	0.420632	0.530663	0.445062	0.619578	0.56907	0.285476	0.506446	0.40645
0.452796	0.460134	0.382594	0.516985	0.373177	0.472367	0.628737	0.415701	0.572148	0.651096
0.527296	0.648316	0.35043	0.49404	0.487185	0.413069	0.681044	0.6127	0.898822	0.682148
0.545448	0.698433	0.470422	0.570661	0.457928	0.507755	0.641505	0.540127	0.750898	0.533229
0.559806	0.521231	0.385029	0.550202	0.477971	0.610345	0.626645	0.475712	0.647368	0.395222
0.580357	0.457221	0.243103	0.479132	0.556903	0.652974	0.56907	0.614756	0.649593	0.468133
0.506631	0.420362	0.369441	0.654422	0.623753	0.479819	0.563621	0.494054	0.692963	0.567549
0.596932	0.599343	0.491742	0.717712	0.559646	0.658609	0.771439	0.728382	0.694197	0.566634
0.608003	0.662055	0.543043	0.643025	0.449309	0.630073	0.705367	0.677879	0.77108	0.501424
0.620413	0.515383	0.460868	0.560311	0.419755	0.507755	0.412035	0.400964	0.647368	0.45948
0.612101	0.439444	0.277921	0.534151	0.471936	0.589535	0.45693	0.478716	0.495357	0.492859
0.508248	0.548119	0.50926	0.610525	0.399632	0.509361	0.483869	0.430281	0.475485	0.413457
0.620413	0.656278	0.719363	0.618957	0.474943	0.603297	0.589657	0.564218	0.647368	0.473262
0.539312	0.621018	0.706378	0.462487	0.484092	0.604297	0.621458	0.633717	0.500866	0.472526
0.530695	0.565462	0.647823	0.466964	0.462303	0.66317	0.544206	0.625188	0.41297	0.404558
0.602936	0.494326	0.49409	0.715048	0.521066	0.558723	0.448541	0.475712	0.512912	0.529019
0.578448	0.511253	0.457971	0.748145	0.507033	0.579965	0.602297	0.680269	0.731613	0.590101
0.622516	0.725842	0.52246	0.535027	0.378583	0.478318	0.50385	0.55694	0.62572	0.371264
0.664541	0.456495	0.573039	0.547485	0.427803	0.532492	0.599347	0.66612	0.460073	0.455925
0.820773	0.488827	0.622843	0.587159	0.461571	0.605299	0.492211	0.780983	0.562914	0.522367
0.505824	0.468246	0.536073	0.646413	0.52359	0.645205	0.376011	0.663806	0.548535	0.598869
0.592974	0.513726	0.586418	0.56971	0.413161	0.649627	0.503065	0.649058	0.529512	0.494404
0.494688	0.477273	0.635697	0.432379	0.492652	0.830276	0.533129	0.460275	0.557466	0.539193
0.5756	0.550812	0.771096	0.473767	0.534702	0.680716	0.462615	0.529834	0.366393	0.601832
0.495474	0.441539	0.583516	0.506181	0.722356	0.640827	0.499157	0.574429	0.42811	0.481445
0.520575	0.44224	0.599222	0.46922	0.468949	0.502972	0.406972	0.630499	0.655207	0.595927
0.751692	0.509612	0.579677	0.506181	0.605032	0.579019	0.470555	0.723059	0.619431	0.571227
0.693345	0.447176	0.558237	0.421437	0.717054	0.813751	0.669375	0.735129	0.490689	0.645582
0.466561	0.507978	0.628153	0.455127	0.625884	0.66778	0.741884	0.721739	0.443797	0.527347
0.457817	0.440141	0.560974	0.440065	0.590026	0.402878	0.466206	0.638045	0.457915	0.511769
0.608003	0.437359	0.611386	0.527203	0.587085	0.459268	0.431566	0.611675	0.565663	0.67977
0.665704	0.472736	0.615517	0.482228	0.670854	0.499813	0.583	0.701138	0.546771	0.661202
0.481538	0.627415	0.568359	0.411424	0.619523	0.485873	0.531449	0.513204	0.445886	0.66692
0.328392	0.463802	0.556421	0.472246	0.679226	0.465041	0.585841	0.485551	0.350979	0.446122
0.410691	0.548119	0.686377	0.545683	0.725032	0.461424	0.472746	0.400964	0.553872	0.540052
0.471744	0.455771	0.617598	0.474529	0.65117	0.457837	0.547672	0.389156	0.484543	0.50936
0.515602	0.566394	0.539544	0.454398	0.639995	0.415007	0.621458	0.606588	0.531207	0.547857
0.693345	0.715196	0.543922	0.459528	0.537307	0.498242	0.715491	0.769058	0.68806	0.76896
0.381894	0.633907	0.504412	0.559382	0.536437	0.538472	0.585841	0.512389	0.572148	0.596906
0.360618	0.742317	0.436832	0.521213	0.461571	0.39292	0.573664	0.468293	0.481503	0.371264
0.411338	0.573925	0.479431	0.52377	0.551471	0.443777	0.652439	0.52144	0.507249	0.381285
0.417869	0.58939	0.423291	0.618957	0.666142	0.591474	0.744614	0.573491	0.627837	0.633691
0.359466	0.471985	0.321539	0.640781	0.598967	0.593422	0.566337	0.556038	0.516182	0.670387
0.457096	0.644949	0.45366	0.567814	0.355058	0.426819	0.471284	0.51978	0.620473	0.563901

0.535845	0.786467	0.612415	0.488488	0.413816	0.454988	0.670528	0.574429	0.666657	0.541774
0.480777	0.58939	0.463054	0.635221	0.571732	0.500601	0.671684	0.356112	0.533763	0.546983
0.573712	0.472736	0.258336	0.679376	0.655722	0.598331	0.474948	0.35441	0.638579	0.455217
0.552568	0.475756	0.490184	0.655578	0.405379	0.602299	0.533129	0.425589	0.671323	0.627339
0.436696	0.62314	0.533488	0.58322	0.367249	0.445163	0.490682	0.397825	0.636409	0.560284
0.617277	0.656278	0.480951	0.551111	0.503795	0.600311	0.641505	0.455249	0.415566	0.359196
0.591991	0.550812	0.536073	0.622162	0.441555	0.54541	0.603284	0.480982	0.568431	0.435859
0.5756	0.440141	0.424626	0.613668	0.580302	0.678335	0.353185	0.391615	0.572148	0.592034
0.448538	0.485716	0.321012	0.578347	0.436002	0.497458	0.447158	0.418972	0.454342	0.481445
0.634269	0.466019	0.479431	0.521213	0.359084	0.507755	0.571821	0.566057	0.512098	0.541774
0.624629	0.538386	0.423291	0.668505	0.571732	0.66778	0.569985	0.649058	0.686843	0.540052
0.662225	0.526306	0.525823	0.624311	0.626953	0.611361	0.517431	0.570688	0.737036	0.728664
0.658774	0.644949	0.720683	0.587159	0.704075	0.512591	0.442353	0.58585	0.495357	0.720774
0.624629	0.486492	0.626021	0.525483	0.597965	0.699	0.635074	0.701138	0.450094	0.639055
0.541057	0.402723	0.518292	0.458791	0.581264	0.746304	0.577374	0.609633	0.459352	0.598869
0.384933	0.492748	0.583516	0.354595	0.499783	0.645205	0.45693	0.624133	0.395845	0.678586
0.5756	0.444349	0.674328	0.639663	0.544331	0.459268	0.659134	0.802675	0.527823	0.74904
0.504216	0.599343	0.716734	0.578347	0.638893	0.381984	0.52811	0.595602	0.588312	0.699168
0.640816	0.515383	0.512523	0.332031	0.530394	0.512591	0.471284	0.477211	0.422123	0.58626
0.670387	0.46676	0.506829	0.433072	0.636697	0.441019	0.512589	0.563302	0.457198	0.738054
0.606985	0.494326	0.553712	0.507003	0.636697	0.537613	0.509391	0.630499	0.502453	0.610843
0.599923	0.482627	0.553712	0.670898	0.713119	0.452158	0.624563	0.758885	0.545892	0.644487
0.594949	0.709969	0.712822	0.433767	0.617423	0.453571	0.549416	0.661504	0.728926	0.709202
0.600925	0.449309	0.588364	0.467714	0.684083	0.508557	0.606261	0.498763	0.65183	0.620045
0.498632	0.352593	0.646707	0.526342	0.569851	0.624794	0.574589	0.548895	0.58063	0.791368
0.49312	0.403364	0.698769	0.695575	0.717054	0.670104	0.536507	0.67196	0.544138	0.581506
0.511501	0.438053	0.582553	0.650971	0.639995	0.529111	0.629786	0.552452	0.500074	0.581506
0.510686	0.660894	0.774076	0.536785	0.695215	0.680716	0.701631	0.71911	0.690504	0.48446
0.591991	0.728545	0.857922	0.622162	0.761403	0.588568	0.642586	0.509144	0.596131	0.595927
0.512318	0.616805	1.002978	0.633017	0.767279	0.519124	0.589657	0.458833	0.590253	0.669228
0.363511	0.563603	0.620737	0.761237	0.688996	0.558723	0.757114	0.391615	0.618391	0.526513
0.383715	0.631732	0.499617	0.6579	0.567977	0.565994	0.709136	0.402225	0.638579	0.631563
0.478501	0.465279	0.464518	0.517828	0.500582	0.623746	0.546803	0.360107	0.641854	0.606815
0.491558	0.58939	0.498031	0.558455	0.455757	0.473106	0.500716	0.598571	0.691732	0.554026
0.505019	0.69717	0.487857	0.66376	0.540805	0.54541	0.676339	0.615788	0.683211	0.617983
0.503414	0.763831	0.710232	0.795006	0.614292	0.658609	0.844202	0.900237	0.722282	0.494404
0.653082	0.600351	0.502808	0.659066	0.618471	0.566912	0.486884	0.732418	0.684418	0.493631
0.570895	0.562677	0.403739	0.681829	0.556903	0.621657	0.454116	0.442586	0.587344	0.560284
0.442925	0.602374	0.473404	0.589141	0.406666	0.591474	0.436926	0.538395	0.796919	0.604815
0.523083	0.474999	0.452945	0.640781	0.568913	0.697757	0.80159	0.686304	0.547652	0.50856
0.595939	0.566394	0.66145	0.608443	0.588063	0.629012	0.610262	0.620985	0.564745	0.4489
0.68841	0.460865	0.630295	0.742451	0.726376	0.754714	0.388494	0.496402	0.500074	0.552255
0.572771	0.57203	0.580634	0.573527	0.503795	0.534192	0.447849	0.562387	0.544138	0.612871
0.661072	0.670275	0.736845	0.634118	0.430518	0.632203	0.487641	0.642417	0.614258	0.631563
0.59003	0.617855	0.765196	0.539435	0.526129	0.731296	0.54507	0.620985	0.517826	0.575869
0.533262	0.446468	0.550127	0.410106	0.416446	0.570602	0.486884	0.625188	0.390284	0.646679
0.42718	0.380266	0.474153	0.530663	0.544331	0.449347	0.467651	0.559655	0.343197	0.455217

0.429878	0.405291	0.740982	0.564985	0.641099	0.473106	0.490682	0.583925	0.401479	0.664624
0.729557	0.602374	0.688827	0.495639	0.65344	0.606303	0.655774	0.791694	0.637493	0.912602
0.728211	0.662055	0.645593	0.489276	0.695215	0.529111	0.513392	0.649058	0.594163	0.617983
0.543686	0.434594	0.468199	0.475293	0.613253	0.514215	0.478642	0.574429	0.537194	0.62108
0.514779	0.373031	0.45366	0.294659	0.451448	0.471629	0.53566	0.394088	0.510476	0.718176
0.591991	0.561753	0.549235	0.474529	0.570791	0.471629	0.459763	0.473473	0.468812	0.612871
0.562552	0.484942	0.603239	0.552936	0.622692	0.666623	0.620429	0.53926	0.373423	0.486735
0.52141	0.555337	0.599222	0.57257	0.749884	0.714203	0.705367	0.565136	0.540652	0.601832
0.468775	0.453607	0.365922	0.537667	0.776245	0.535045	0.573664	0.532385	0.604095	0.554026
0.492338	0.455049	0.491742	0.433767	0.536437	0.42882	0.548543	0.562387	0.554767	0.569384
0.574655	0.553521	0.506022	0.536785	0.617423	0.503766	0.617353	0.597579	0.554767	0.548733
0.555268	0.643832	0.560059	0.435856	0.516891	0.424167	0.55646	0.56883	0.486072	0.608824
0.66687	0.877469	0.616556	0.698121	0.681648	0.474589	0.578307	0.466091	0.563828	0.728664
0.450662	0.642718	0.529213	0.75102	0.754168	0.574323	0.570902	0.619941	0.756569	0.683342
0.490779	0.572976	0.505216	0.605338	0.641099	0.489701	0.681044	0.634795	0.868241	0.672714
0.550777	0.585472	0.555516	0.471487	0.815733	0.691594	0.712938	0.60457	0.645154	0.534076
0.398564	0.564532	0.388092	0.395867	0.581264	0.665469	0.79539	0.591675	0.522795	0.422542
0.532405	0.681077	0.452945	0.274457	0.52783	0.704009	0.635074	0.518127	0.487605	0.552255
0.431233	0.583526	0.50926	0.402928	0.48641	0.589535	0.507008	0.524778	0.74809	0.574006
0.576548	0.825333	0.57777	0.48613	0.435312	0.354662	0.580178	0.468293	0.644051	0.450996
0.527296	0.85695	0.702557	0.6994	0.761403	0.540196	0.737821	0.597579	0.97669	0.711747
0.469515	0.631732	0.617598	0.622162	0.791612	0.710352	0.684607	0.498763	0.639668	0.645582
0.481538	0.553521	0.553712	0.685535	0.564255	0.763291	0.651333	0.407949	0.469549	0.571227
0.394804	0.528867	0.46968	0.734047	0.535568	0.495117	0.626645	0.597579	0.705468	0.653322
0.525606	0.621018	0.531773	0.690526	0.446473	0.519947	0.637207	0.458114	0.516182	0.490552
0.825793	0.794282	0.484775	0.824732	0.773235	0.813751	0.625602	0.477211	0.521963	0.373016
0.672747	0.564532	0.457971	0.579317	0.630177	0.736693	0.541625	0.558748	0.520303	0.519898
0.48845	0.425055	0.455092	0.711083	0.397733	0.511781	0.459763	0.485551	0.493017	0.572152
0.504216	0.74092	0.52246	0.689273	0.551471	0.617509	0.606261	0.664962	0.424774	0.477707
0.561635	0.70097	0.519122	0.694307	0.55873	0.861705	0.792323	0.729723	0.507249	0.544371
0.714969	0.486492	0.534348	0.720392	0.526979	0.666623	0.589657	0.592653	0.631032	0.664624
0.559806	0.549912	0.6239	0.709769	0.874046	0.695281	0.482369	0.593634	0.632102	0.633691
0.487677	0.422367	0.707659	0.528065	0.615333	0.498242	0.334683	0.494835	0.457915	0.57774
0.412637	0.357757	0.662605	0.447172	0.511113	0.66317	0.4691	0.630499	0.432825	0.495954
0.577497	0.518715	0.675518	0.438658	0.526979	0.614424	0.531449	0.663806	0.546771	0.7367
0.730908	0.436666	0.506022	0.530663	0.680435	0.635417	0.467651	0.729723	0.65861	0.794445
0.589053	0.528867	0.605261	0.756829	0.682864	0.448646	0.369036	0.680269	0.787623	0.961914
0.662225	0.595335	0.653449	0.549294	0.563329	0.474589	0.676339	0.763216	0.593183	0.69793
0.658774	0.423709	0.525823	0.452217	0.695215	0.81052	0.640426	0.609633	0.441028	0.647779
0.509872	0.448597	0.786204	0.595144	0.598967	0.692819	0.560922	0.753178	0.516182	0.739412
0.563471	0.47956	0.615517	0.654422	0.715739	0.466496	0.499936	0.694895	0.512098	0.66348
0.52141	0.496704	0.591298	0.577379	0.733159	0.39292	0.412035	0.44051	0.552086	0.647779
0.718899	0.616805	0.582553	0.442185	0.538179	0.401621	0.523971	0.560564	0.456482	0.50936
0.542808	0.529724	0.636785	0.462487	0.6291	0.506954	0.500716	0.490942	0.350979	0.706672
0.437384	0.457221	0.682727	0.396504	0.572676	0.557823	0.63935	0.669614	0.633175	0.764613
0.398564	0.451453	0.500413	0.533276	0.776245	0.459268	0.567246	0.652417	0.727589	0.731326
0.523083	0.664388	0.528363	0.528929	0.608097	0.448646	0.608257	0.567904	0.608131	0.620045

0.357744	0.474243	0.468939	0.442894	0.679226	0.434877	0.67751	0.543613	0.659751	0.538336
0.441533	0.598338	0.670778	0.471487	0.688996	0.579965	0.567246	0.475712	0.527823	0.727339
0.405543	0.595335	0.865238	0.6697	0.777757	0.510166	0.621458	0.346558	0.532909	0.668073
0.434639	0.570143	0.73822	0.582241	0.634513	0.497458	0.529776	0.400334	0.525302	0.59495
0.397935	0.642718	0.425295	0.558455	0.588063	0.574323	0.597392	0.526457	0.615288	0.544371
0.475485	0.517045	0.412103	0.452943	0.555993	0.451454	0.486128	0.403491	0.531207	0.51826
0.570895	0.755097	0.533488	0.433767	0.726376	0.582814	0.578307	0.428264	0.678417	0.563901
0.482301	0.728545	0.560974	0.601232	0.48641	0.496676	0.833991	0.496402	0.647368	0.526513
0.368181	0.606449	0.580634	0.799821	0.521066	0.495117	0.812657	0.744754	0.958139	0.718176
0.471	0.639393	0.579677	0.607405	0.572676	0.678335	0.519057	0.602561	0.570285	0.50379
0.486905	0.514554	0.435459	0.555687	0.507846	0.581862	0.4619	0.472729	0.497709	0.535775
0.541931	0.772745	0.492523	0.648686	0.609123	0.540196	0.65466	0.48174	0.627837	0.473262
0.448538	0.688431	0.668427	0.82989	0.45002	0.512591	0.741884	0.620985	0.711858	0.529858
0.372902	0.591363	0.49724	0.768684	0.48641	0.555133	0.612276	0.635876	0.683211	0.487496
0.440145	0.535769	0.373583	0.576413	0.695215	0.636494	0.597392	0.600561	0.589281	0.516628
0.467298	0.610562	0.425965	0.573527	0.744237	0.603297	0.700392	0.627304	0.783048	0.574937
0.458539	0.704804	0.327379	0.510305	0.510294	0.440332	0.540767	0.474218	0.738402	0.57774
0.349234	0.614714	0.480951	0.568761	0.484863	0.471629	0.569985	0.373501	0.56109	0.450996
0.564392	0.671462	0.419309	0.595144	0.491083	0.704009	0.5887	0.468293	0.697921	0.510162
0.515602	0.555337	0.355533	0.451493	0.44718	0.736693	0.599347	0.47947	0.71444	0.66577
0.513957	0.672652	0.301947	0.524626	0.618471	0.641918	0.513392	0.398451	0.774041	0.739412
0.433274	0.683515	0.386864	0.474529	0.517723	0.70527	0.533129	0.523106	0.772558	0.628391
0.577497	0.478796	0.50121	0.555687	0.445767	0.544536	0.600328	0.541866	0.644051	0.53154
0.557078	0.390104	0.3993	0.588149	0.481787	0.715494	0.434238	0.614756	0.569357	0.510162
0.452083	0.365915	0.388092	0.656738	0.534702	0.645205	0.370191	0.370554	0.578731	0.551371
0.480777	0.441539	0.49409	0.638549	0.583196	0.657476	0.44031	0.40859	0.56109	0.443362
0.551671	0.616805	0.781616	0.644151	0.439464	0.589535	0.623526	0.520609	0.545892	0.466679
0.546332	0.388862	0.605261	0.573527	0.377979	0.496676	0.428911	0.584887	0.673675	0.571227
0.4225	0.374229	0.514986	0.675722	0.570791	0.657476	0.329388	0.550669	0.5991	0.631563
0.452083	0.431847	0.45152	0.734047	0.593977	0.590503	0.291608	0.466091	0.452213	0.447509
0.646348	0.613672	0.570225	0.639663	0.511113	0.82359	0.636139	0.57537	0.619431	0.364901
0.635353	0.673846	0.695014	0.615776	0.492652	0.710352	0.602297	0.702397	0.504844	0.421232
0.658774	0.508794	0.56189	0.573527	0.614292	0.690371	0.381911	0.583925	0.541521	0.629446
0.534983	0.419031	0.503609	0.605338	0.679226	0.658609	0.319501	0.528142	0.509667	0.581506
0.722865	0.549015	0.490184	0.631919	0.465244	0.588568	0.382505	0.503523	0.645154	0.783769
0.653082	0.655132	0.548345	0.565926	0.557816	0.763291	0.50228	0.652417	0.640759	0.533229
0.597927	0.681077	0.551916	0.611571	0.491083	0.746304	0.628737	0.766127	0.477732	0.410258
0.662225	0.573925	0.552813	0.595144	0.565182	0.805718	0.475684	0.515658	0.43965	0.49751
0.462896	0.419696	0.463786	0.728533	0.474943	0.479819	0.412035	0.463173	0.572148	0.62629
0.470257	0.595335	0.529213	0.684296	0.459382	0.603297	0.548543	0.732418	0.701678	0.612871
0.583237	0.656278	0.452232	0.672099	0.442954	0.782475	0.67517	0.664962	0.694197	0.487496
0.591009	0.647191	0.54657	0.601232	0.438076	0.504561	0.500716	0.631569	0.452921	0.410896
0.600925	0.4975	0.573981	0.548389	0.443656	0.577135	0.533129	0.633717	0.433503	0.457343
0.533262	0.544555	0.447273	0.630824	0.638893	0.754714	0.510987	0.545366	0.581583	0.622117
0.728211	0.615758	0.524138	0.689273	0.572676	0.614424	0.489159	0.550669	0.853722	0.66577
0.520575	0.435284	0.445164	0.610525	0.334924	0.479819	0.583	0.487085	0.567506	0.458767
0.549884	0.401444	0.452945	0.554768	0.484863	0.564165	0.638277	0.640225	0.617354	0.456634

0.629958	0.626342	0.548345	0.673303	0.556903	0.716789	0.539058	0.611675	0.597119	0.68574
0.574655	0.55991	0.368265	0.562175	0.395214	0.473847	0.474212	0.493274	0.667819	0.701655
0.545448	0.549912	0.442369	0.440771	0.255254	0.492787	0.480875	0.501931	0.6051	0.468862
0.474734	0.555337	0.612415	0.742451	0.347117	0.405403	0.551166	0.520609	0.593183	0.493631
0.608003	0.4975	0.579677	0.610525	0.571732	0.732639	0.669375	0.659215	0.443797	0.532384
0.641917	0.555337	0.56189	0.684296	0.667315	0.64741	0.447158	0.570688	0.454342	0.455217
0.555268	0.490391	0.533488	0.869715	0.729076	0.722008	0.533971	0.569758	0.626777	0.50936
0.481538	0.599343	0.445164	0.725803	0.659167	0.843964	0.6143	0.620985	0.656338	0.44474
0.579402	0.504727	0.405655	0.436555	0.446473	0.556028	0.525622	0.647944	0.568431	0.482197
0.534983	0.545443	0.348743	0.369916	0.361983	0.556028	0.459053	0.594617	0.399593	0.49829
0.429878	0.503918	0.401197	0.505361	0.419755	0.695281	0.524796	0.494835	0.538919	0.52402
0.523083	0.564532	0.579677	0.701969	0.563329	0.534192	0.474948	0.53926	0.609147	0.489021
0.605969	0.62314	0.543043	0.75102	0.514406	0.633271	0.615315	0.660358	0.690504	0.561186
0.483065	0.512076	0.45581	0.653269	0.442254	0.596361	0.641505	0.518953	0.598109	0.36836
0.513137	0.57203	0.521623	0.589141	0.478732	0.536755	0.45693	0.474964	0.520303	0.448204
0.411987	0.606449	0.425295	0.575449	0.455036	0.747694	0.56907	0.463173	0.526141	0.499072
0.445722	0.683515	0.414057	0.627555	0.588063	0.602299	0.573664	0.490942	0.69917	0.40393
0.532405	0.640498	0.559147	0.700683	0.521066	0.475332	0.489159	0.458833	0.509667	0.442674
0.613131	0.449309	0.502808	0.56971	0.487962	0.553349	0.449234	0.556038	0.499285	0.511769
0.628887	0.488827	0.498823	0.704554	0.572676	0.620616	0.44578	0.432308	0.465149	0.403302
0.459986	0.522072	0.439592	0.71905	0.57457	0.681911	0.510188	0.41766	0.496139	0.464507
0.462167	0.545443	0.378967	0.539435	0.452163	0.583768	0.695474	0.559655	0.690504	0.36836
0.609024	0.683515	0.428657	0.597164	0.457928	0.45641	0.606261	0.593634	0.577784	0.423198
0.61832	0.558992	0.545686	0.527203	0.455757	0.488933	0.507801	0.713898	0.571216	0.460195
0.548993	0.425729	0.430009	0.427558	0.304328	0.529954	0.466928	0.529834	0.540652	0.566634
0.470257	0.451453	0.358969	0.540322	0.427803	0.39477	0.376598	0.349346	0.566584	0.337098
0.522246	0.475756	0.498823	0.627555	0.613253	0.707803	0.510987	0.412454	0.542391	0.34361
0.392936	0.475756	0.583516	0.776262	0.599972	0.704009	0.56182	0.503523	0.514544	0.38729
0.462896	0.572976	0.51581	0.503725	0.467463	0.620616	0.494514	0.548895	0.481503	0.371847
0.583237	0.551713	0.386864	0.554768	0.563329	0.680716	0.459763	0.528988	0.457915	0.495954
0.436696	0.689669	0.405015	0.49404	0.518556	0.579965	0.547672	0.588752	0.615288	0.426495
0.312617	0.653988	0.635697	0.594138	0.454316	0.662025	0.424958	0.480982	0.686843	0.317097
0.400456	0.63829	0.602231	0.62539	0.397102	0.55424	0.464048	0.44328	0.674855	0.374188
0.563471	0.493536	0.45152	0.533276	0.360241	0.604297	0.51662	0.48174	0.519476	0.601832
0.554366	0.549912	0.45152	0.646413	0.585136	0.641918	0.478642	0.390999	0.500074	0.622117
0.50022	0.641607	0.352691	0.48613	0.493438	0.443777	0.517431	0.426256	0.621517	0.555805
0.427853	0.531442	0.505216	0.57257	0.606052	0.575258	0.606261	0.536669	0.685629	0.499854
0.390458	0.507978	0.447978	0.655578	0.521066	0.557823	0.678685	0.540996	0.562001	0.431152
0.425168	0.550812	0.291979	0.534151	0.464507	0.533341	0.560922	0.454536	0.487605	0.496732
0.339237	0.485716	0.378366	0.628642	0.613253	0.516663	0.459053	0.419629	0.552086	0.542638
0.411987	0.636093	0.471911	0.441477	0.578383	0.473847	0.589657	0.476461	0.672497	0.795992
0.393558	0.602374	0.479431	0.609483	0.412507	0.470156	0.81911	0.566979	0.623613	0.631563
0.450662	0.570143	0.397412	0.560311	0.396472	0.446553	0.54507	0.57537	0.578731	0.46523
0.290961	0.390726	0.366507	0.514468	0.411203	0.49047	0.377773	0.313397	0.450094	0.433835
0.232662	0.402723	0.277445	0.535905	0.514406	0.454279	0.425614	0.380656	0.58063	0.315044
0.254238	0.230998	0.267552	0.343731	0.507846	0.439647	0.582057	0.389769	0.742528	0.543503
0.387994	0.419031	0.373583	0.519517	0.370203	0.38439	0.518243	0.358962	0.537194	0.53154

0.381894	0.343003	0.371803	0.49404	0.442954	0.335917	0.328336	0.411808	0.608131	0.480695
0.288023	0.400806	0.387478	0.364551	0.509476	0.495117	0.344925	0.382463	0.47999	0.534076
0.358891	0.498297	0.330598	0.28518	0.469694	0.413069	0.352629	0.339939	0.529512	0.415388
0.376476	0.363569	0.435459	0.477592	0.432566	0.428152	0.45693	0.319098	0.465879	0.38548
0.419848	0.524608	0.520788	0.552936	0.465983	0.521599	0.492977	0.254271	0.458633	0.3795
0.484597	0.494326	0.417332	0.42279	0.589043	0.562344	0.514197	0.457396	0.615288	0.517444
0.284621	0.470486	0.34261	0.483006	0.466722	0.458552	0.572741	0.394709	0.457915	0.54611
0.352618	0.513726	0.309575	0.330933	0.384056	0.495896	0.528942	0.245374	0.507249	0.412815
0.486905	0.610562	0.464518	0.512798	0.388361	0.479068	0.622491	0.307769	0.457198	0.412175
0.503414	0.604407	0.445164	0.400991	0.384056	0.553349	0.568157	0.462447	0.493795	0.376541
0.548104	0.519552	0.399932	0.46323	0.353344	0.527431	0.45693	0.518127	0.447985	0.419276
0.489225	0.62849	0.412753	0.649827	0.634513	0.4874	0.515003	0.399078	0.453631	0.303925
0.519743	0.752225	0.444464	0.627555	0.544331	0.499813	0.579242	0.448168	0.563828	0.402675
0.476237	0.622078	0.365339	0.532403	0.438769	0.371316	0.49838	0.400964	0.497709	0.337637
0.468036	0.633907	0.430009	0.439361	0.416446	0.42153	0.582057	0.35328	0.447985	0.35189
0.563471	0.6997	0.445866	0.336451	0.501383	0.438278	0.457637	0.331268	0.466611	0.426495
0.379478	0.574876	0.680311	0.639663	0.604016	0.543665	0.630839	0.437074	0.578731	0.581506
0.533262	0.588407	0.648942	0.877365	0.552371	0.541061	0.754305	0.675502	0.594163	0.536627
0.523923	0.688431	0.432044	0.652119	0.446473	0.632203	0.653548	0.558748	0.670151	0.478452
0.50022	0.660894	0.276018	0.540322	0.547886	0.675967	0.628737	0.554241	0.569357	0.4008
0.497841	0.669091	0.554613	0.546583	0.530394	0.590503	0.610262	0.566057	0.593183	0.691792
0.445722	0.581589	0.708944	0.604308	0.562405	0.430158	0.539912	0.46463	0.617354	0.728664
0.443623	0.590375	0.530918	0.607405	0.539928	0.41114	0.454818	0.39285	0.525302	0.580562
0.515602	0.719157	0.510888	0.46323	0.376773	0.450048	0.452017	0.381258	0.61632	0.467406
0.663382	0.684738	0.609335	0.396504	0.409253	0.423506	0.620429	0.44328	0.434861	0.501424
0.563471	0.667911	0.562808	0.494839	0.676817	0.533341	0.595445	0.491718	0.492239	0.511769
0.699594	0.723156	0.757933	0.806325	0.777757	0.497458	0.778783	0.570688	0.569357	0.643395
0.61832	0.756541	0.664924	0.725803	0.809169	0.565994	0.610262	0.494054	0.60209	0.729993
0.80125	0.90507	0.63137	0.52377	0.814083	0.659745	0.56543	0.419629	0.570285	0.542638
0.802844	0.807087	0.536938	0.462487	0.820722	0.608319	0.5887	0.535809	0.474738	0.46523
0.668039	0.77879	1.083438	0.790243	0.841273	0.514215	0.583945	0.67196	0.536333	0.625243
0.758847	1.195325	0.771096	0.742451	0.731794	0.359762	0.4329	0.670786	0.526981	0.66577
1.009526	1.031804	0.654583	0.700683	0.680435	0.527431	0.540767	0.567904	0.542391	0.617983
0.909033	0.729903	0.714122	0.588149	0.79633	0.742159	0.863569	0.630499	0.38967	0.398312
0.839473	0.62314	0.893823	0.879299	0.844795	0.797831	0.825661	0.588752	0.404006	0.570305
0.778021	1.074736	1.266473	0.911472	0.76876	0.496676	0.658011	0.67196	0.515362	0.797544
0.68841	1.015753	1.102123	0.71905	1.199104	0.623746	0.696698	0.830559	0.531207	0.66692
0.860836	0.868022	1.336934	1.009385	0.975882	0.883996	0.870832	0.627304	0.41039	0.569384
1.049892	0.774248	1.045517	0.732662	1.513778	1.163024	0.987789	0.629431	0.462241	0.535775
0.673932	0.545443	1.261852	0.871615	1.379938	0.972487	0.899203	0.633717	0.517826	0.706672
0.647463	0.833887	1.598902	1.238122	1.80956	0.782475	0.628737	0.90223	0.792246	0.952926
0.842961	0.747951	1.09268	0.78242	1.223777	0.963238	0.822373	0.840845	0.979065	0.933358
1.047081	1.048471	1.108534	0.873523	0.754168	1.44339	1.811378	1.020979	0.795355	0.829815
0.781047	0.720486	0.922314	0.924179	0.830876	1.518663	1.223931	0.937599	0.672497	0.74904
0.596932	0.594338	0.745158	1.033581	0.950347	0.949725	0.839066	1.082982	1.704352	1.683916
0.663382	0.675043	0.899772	0.681829	0.887491	0.769104	0.670528	1.251029	1.225715	1.273795
0.649702	0.641607	0.992964	0.807967	0.905411	0.874569	0.851145	1.158927	0.536333	0.906564

0.651952	0.57203	0.798681	0.971832	0.786944	1.675307	1.195954	1.546034	0.890972	0.845158
0.486905	0.562677	0.682727	0.891086	0.945862	0.956429	0.881959	0.918516	1.497018	0.982845
0.459986	0.53664	0.65572	0.563109	0.836044	0.845706	0.459053	0.844328	1.634379	1.607296
0.410691	0.361817	0.74237	0.530663	0.65458	0.707803	0.759942	1.07103	0.974327	0.948501
0.48845	0.499095	0.6239	0.578347	0.734528	0.870854	0.946657	1.313273	0.780025	0.881327
0.490779	0.509612	0.75079	0.460266	0.751307	1.057389	0.631894	0.85138	1.016352	0.927026
0.317812	0.403364	0.680311	0.567814	0.79005	1.014151	0.651333	0.791694	1.445272	1.7214
0.316768	0.339668	0.54657	0.394595	0.667315	0.677149	0.667078	1.114384	1.193327	1.748317
0.399825	0.366504	0.507638	0.371117	0.384668	0.532492	0.72194	1.056539	0.647368	0.896683
0.36584	0.184051	0.416675	0.305382	0.412507	0.674788	0.581117	0.935436	0.944729	0.660067
0.344206	0.326578	0.477161	0.331482	0.320412	0.562344	0.408232	0.729723	0.938175	0.670387
0.419848	0.50311	0.490962	0.442894	0.415787	0.426819	0.426271	0.586815	0.890972	0.758885
0.409398	0.32177	0.449391	0.430996	0.548779	0.505357	0.480875	0.58585	0.571216	0.890861
0.468036	0.335809	0.397412	0.395867	0.435312	0.579965	0.546803	0.708749	0.474738	0.583401
0.37409	0.366504	0.393038	0.246491	0.367839	0.465041	0.303344	0.423593	0.428781	0.367204
0.338688	0.471985	0.413405	0.359837	0.421753	0.416304	0.280181	0.529834	0.354923	0.40393
0.505019	0.409173	0.447978	0.306417	0.314115	0.338623	0.428911	0.491718	0.532057	0.52072
0.468036	0.419031	0.408867	0.342603	0.327876	0.425491	0.402589	0.467558	0.359475	0.515003
0.504216	0.30458	0.354963	0.329291	0.329492	0.442396	0.449928	0.437759	0.424774	0.44405
0.367595	0.31965	0.290995	0.419416	0.351069	0.469422	0.378951	0.540127	0.447985	0.424514
0.369357	0.442942	0.412753	0.254234	0.317778	0.3062	0.227163	0.378258	0.486838	0.402675
0.513957	0.396999	0.385029	0.355754	0.302803	0.310759	0.294027	0.390999	0.269869	0.44405
0.63644	0.450022	0.412753	0.433072	0.333287	0.413069	0.380132	0.428264	0.340999	0.345803
0.573712	0.286083	0.38994	0.507003	0.395214	0.313825	0.395791	0.339939	0.392747	0.286801
0.396054	0.335809	0.343164	0.480678	0.468205	0.303687	0.258191	0.324876	0.397091	0.289206
0.496261	0.460865	0.41997	0.312155	0.357354	0.297716	0.282537	0.261521	0.427441	0.325406
0.617277	0.542783	0.381988	0.459528	0.438076	0.480571	0.447158	0.35328	0.37937	0.315557
0.659921	0.5015	0.473404	0.640781	0.531253	0.495117	0.529776	0.394709	0.449389	0.313511
0.447832	0.349184	0.465987	0.630824	0.413161	0.445857	0.424302	0.342134	0.476232	0.380094
0.493903	0.455771	0.572099	0.576413	0.441555	0.500601	0.422994	0.400334	0.348742	0.366051
0.574655	0.378446	0.446569	0.438658	0.439464	0.399741	0.54507	0.480225	0.438963	0.353565
0.477745	0.452887	0.514163	0.691783	0.417767	0.436914	0.623526	0.452403	0.459352	0.461627
0.561635	0.378446	0.477161	0.716378	0.415129	0.411782	0.571821	0.384278	0.533763	0.460195
0.469515	0.263669	0.391796	0.559382	0.425777	0.637573	0.404462	0.424257	0.674855	0.604815
0.486905	0.356604	0.395532	0.409448	0.364316	0.485112	0.473478	0.389156	0.538919	0.48295
0.624629	0.592352	0.394907	0.417404	0.270533	0.270889	0.354856	0.282588	0.364653	0.345253
0.640816	0.525456	0.520788	0.528065	0.315159	0.296729	0.369613	0.404125	0.33178	0.296994
0.671565	0.58939	0.63897	0.637437	0.573622	0.472367	0.380132	0.406033	0.447284	0.405819
0.700855	0.763831	0.621789	0.461745	0.535568	0.447948	0.400105	0.460275	0.447284	0.49829
0.796504	0.789576	0.542166	0.76569	0.503795	0.536755	0.629786	0.511576	0.626777	0.555805
0.911077	0.765304	0.702557	1.04763	0.652304	0.643011	0.777304	0.588752	0.615288	0.557591
1.481538	1.245803	1.105317	1.326178	0.973498	1.128218	0.688199	0.642417	0.672497	0.669228
2.459262	1.17556	1.300276	1.710137	0.710516	0.847455	0.955467	1.034314	1.029528	0.707935
0.145331	1.237918	1.026392	1.163334	1.489707	1.55285	2.622697	0.916446	1.481594	0.715593
0	1.313225	1.35936	0.98171	1.317644	1.571009	1.249435	0.833961	1.466699	1.269164
0	0	0.656613	0.959368	0.937027	1.471954	0.887631	0.922685	0.878323	0.886387
0	0	1.401628	1.926939	0.91988	1.663675	1.38741	0.443816	0.894451	1.683916

0	1.251117	1.45558	1.049171	1.081494	1.663675	1.179412	1.156952	1.158373	0.91058
1.52141	1.323772	1.178462	1.113816	1.097655	1.089574	1.134493	1.269249	1.574131	1.159794
1.006964	1.172128	2.308796	1.218741	1.259019	1.072066	1.418577	0.743366	1.229939	1.235452
0.855396	1.188059	1.629951	1.723468	0.802702	1.054557	0.768536	0.76759	1.234205	1.297721
1.203989	1.351317	0.599222	0.838626	0.834314	0.761849	0.903129	0.935436	1.135003	0.551371
1.216224	1.005372	0.68394	1.275074	1.051426	1.083746	1.245079	0.971394	0.731613	0.515815
0.877578	0.69091	0.607293	0.680601	0.780798	0.899519	0.737821	0.515658	0.674855	0.802234
0.550777	0.471985	0.45366	0.578347	0.452879	0.749089	0.769985	0.622032	0.694197	0.900609
0.77203	0.588407	0.592281	0.721739	0.510294	0.625844	0.558239	0.716496	0.7453	0.73535
0.787164	0.858776	0.485543	0.745289	0.526979	0.577135	0.454116	0.509953	0.6051	0.456634
0.567167	0.57203	0.567429	0.806325	0.690232	0.665469	0.605267	0.506726	0.519476	0.516628
0.494688	0.468992	0.484775	0.679376	0.468205	0.580912	0.458345	0.419629	0.629964	0.557591
0.447128	0.353164	0.419309	0.600211	0.407311	0.666623	0.422994	0.509144	0.647368	0.539193
0.52645	0.592352	0.679107	0.46922	0.321471	0.406037	0.314896	0.535809	0.581583	0.495954
0.580357	0.367093	0.417332	0.638549	0.552371	0.654095	0.344925	0.60457	0.545014	0.423856
0.635353	0.413089	0.405655	0.803061	0.590026	0.608319	0.50228	0.563302	0.479236	0.356935
0.668039	0.5129	0.488632	0.637437	0.631257	0.773515	0.395791	0.446766	0.596131	0.568466
0.486905	0.396999	0.606276	0.579317	0.543447	0.747694	0.389097	0.488624	0.71444	0.605814
0.505824	0.448597	0.524138	0.45077	0.401539	0.533341	0.43558	0.669614	0.600095	0.355247
0.541057	0.452887	0.423291	0.578347	0.411203	0.534192	0.481621	0.71911	0.535475	0.469593
0.461439	0.391349	0.539544	0.647548	0.545217	0.540196	0.467651	0.488624	0.400849	0.499854
0.423165	0.276882	0.474903	0.533276	0.445062	0.515845	0.408232	0.538395	0.765217	0.628391
0.418528	0.254926	0.358969	0.322248	0.465244	0.457837	0.361038	0.540127	0.671323	0.624198
0.269397	0.20914	0.244868	0.315317	0.280543	0.404771	0.335749	0.523941	0.459352	0.57774
0.21088	0.184825	0.324184	0.167843	0.261671	0.441019	0.253305	0.40859	0.194843	0.221865
0.155706	0.139936	0.206398	0.199475	0.19622	0.39292	0.334683	0.288383	0.284058	0.350221
0.313134	0.269754	0.184698	0.258854	0.224947	0.361476	0.388494	0.475712	0.393984	0.423198
0.439453	0.487269	0.38381	0.414071	0.226221	0.160336	0.284431	0.292781	0.169744	0.248704
0.070391	0.797448	0.907835	0.6579	0.416446	0.378994	0.344925	0.18313	0.12186	0.201686
0.018091	0.567328	0.978363	0.791825	0.765802	0.782475	0.582057	0.277818	0.241501	0.243462
0.096591	0.215749	0.54657	0.526342	0.777757	0.685517	0.822373	0.797934	0.486072	0.168665
0.195626	0.04347	0.202772	0.3282	0.626953	0.700247	0.656891	0.763216	0.260661	0.050103
0.275518	0.325505	0.214153	0.300243	0.471187	0.426155	0.466928	0.525617	0.029228	-0.03271
0.350922	0.377237	0.37957	0.346563	0.31883	0.309741	0.310339	0.29131	0.109142	-0.0454
0.793368	0.565462	0.461596	0.388919	0.336018	0.269035	0.197039	0.221392	0.259297	0.079743
0.282731	3.100644	0.995446	0.6994	0.551471	0.305696	0.231762	0.272161	0.139764	0.250906
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0.255081	0.12754	0.358131	1.049345	2.002001	0.194854	0.097427	0.454214	1.116439	1.191519
0.855758	0.709007	0.588721	0.738093	0.389707	0.979223	1.168398	1.135002	0.811	0.610662
0.427515	0.388256	0.39063	0.488023	0.384231	0.716829	0.79361	0.581226	0.731906	0.693433
0.366639	0.299956	0.723978	0.494275	0.442368	0.550749	0.444103	0.427593	0.737398	0.670014
0.458549	0.334827	0.490384	0.609951	0.512748	0.560921	0.459191	0.460484	0.456387	0.341617
0.357853	0.5946	0.562202	0.562315	0.600744	0.533721	0.57687	0.500831	0.539008	0.414432
0.485701	0.573773	0.601607	0.615119	0.412328	0.656859	0.580721	0.466339	0.540762	0.603396
0.810731	0.59971	0.671299	0.608925	0.545663	0.594969	0.468053	0.437822	0.583182	0.476639
0.458549	0.510784	0.686932	0.566943	0.497573	0.736003	0.409506	0.473021	0.555961	0.361796
0.536854	0.368497	0.524389	0.369274	0.537843	0.572296	0.417402	0.453274	0.579324	0.392353
0.644624	0.549298	0.598599	0.539012	0.493666	0.574222	0.419399	0.459757	0.608101	0.614869
0.582028	0.605922	0.472085	0.540761	0.530161	0.582992	0.462861	0.387084	0.541642	0.517731
0.428878	0.487942	0.682062	0.599796	0.330822	0.447156	0.330438	0.476025	0.488666	0.513526

0.369012	0.370312	0.464682	0.38674	0.436874	0.467045	0.459922	0.590934	0.39572	0.552921
0.482599	0.517537	0.62645	0.383068	0.30087	0.601084	0.420735	0.390783	0.480177	0.415766
0.381077	0.341582	0.586772	0.40111	0.42943	0.501546	0.294967	0.471527	0.417655	0.440514
0.308573	0.550214	0.491163	0.396057	0.554521	0.435085	0.314431	0.551545	0.382705	0.389198
0.428196	0.648622	0.496659	0.339062	0.596781	0.536366	0.449789	0.467076	0.519335	0.727677
0.528185	0.663842	0.580019	0.436153	0.479133	0.520734	0.484012	0.392023	0.298096	0.559384
0.557474	0.619694	0.592646	0.594806	0.507898	0.52416	0.287518	0.357997	0.334228	0.40651
0.399826	0.620772	0.549525	0.488799	0.415565	0.302194	0.358501	0.521247	0.431778	0.375585
0.423449	0.500029	0.422735	0.391684	0.536124	0.40401	0.473308	0.505644	0.41898	0.753071
0.424124	0.520097	0.49745	0.393553	0.507898	0.435085	0.50462	0.402074	0.297092	0.557527
0.356117	0.294832	0.624324	0.401745	0.601741	0.485524	0.417402	0.292069	0.251902	0.511855
0.389102	0.620772	0.504633	0.46095	0.40087	0.332078	0.477863	0.74343	0.491794	0.513526
0.38848	0.546561	0.357283	0.519392	0.471674	0.361207	0.481696	0.492926	0.394463	0.467511
0.452018	0.420369	0.295417	0.508682	0.392163	0.30271	0.386026	0.295536	0.401419	0.432107
0.396645	0.480066	0.287535	0.244878	0.319737	0.367754	0.505432	0.30866	0.268948	0.262053
0.307539	0.308284	0.34263	0.378823	0.461444	0.519882	0.309224	0.21087	0.368885	0.35015
0.475699	0.422414	0.257822	0.445903	0.40529	0.473883	0.418066	0.252042	0.413047	0.415099
0.344718	0.324887	0.266571	0.46461	0.367624	0.463293	0.432949	0.327514	0.478652	0.411114
0.460748	0.398483	0.227879	0.33142	0.353878	0.469313	0.451222	0.399539	0.369477	0.308023
0.335809	0.330934	0.339868	0.504632	0.332966	0.376844	0.457731	0.279908	0.355491	0.466758
0.563949	0.389521	0.327384	0.472026	0.375256	0.324955	0.47558	0.382807	0.381486	0.362977
0.471913	0.357177	0.455243	0.37822	0.308929	0.434385	0.396657	0.319559	0.565156	0.430031
0.548388	0.250323	0.388777	0.336865	0.331893	0.546203	0.292968	0.322723	0.442855	0.386691
0.449147	0.24484	0.437649	0.458043	0.383024	0.511452	0.359662	0.239188	0.408488	0.257387
0.499138	0.359536	0.419415	0.556825	0.486721	0.405316	0.350459	0.433019	0.479414	0.323413
0.516332	0.41295	0.440417	0.308243	0.39032	0.488681	0.229529	0.330737	0.408488	0.488327
0.410167	0.434893	0.49587	0.328186	0.314557	0.409257	0.373244	0.440591	0.358945	0.391088
0.34754	0.357177	0.462486	0.384288	0.392779	0.321167	0.362579	0.373188	0.209333	0.262992
0.425477	0.346719	0.625386	0.420597	0.516011	0.488681	0.286534	0.340002	0.367114	0.401955
0.407559	0.31731	0.488829	0.375816	0.377631	0.493461	0.331526	0.378573	0.538134	0.364163
0.488042	0.453576	0.440417	0.337413	0.52679	0.602111	0.406258	0.388929	0.436589	0.468264
0.359015	0.542037	0.46689	0.466822	0.600744	0.589939	0.262641	0.494495	0.506157	0.454168
0.349811	0.449193	0.576207	0.472774	0.374664	0.365959	0.259398	0.408476	0.309293	0.402603
0.328161	0.435597	0.588721	0.394178	0.334581	0.376844	0.358501	0.492143	0.437974	0.401309
0.40432	0.402381	0.549525	0.445903	0.445142	0.470071	0.427478	0.541793	0.461481	0.53585
0.484147	0.509112	0.670119	0.497436	0.471674	0.455883	0.521165	0.634255	0.431778	0.507706
0.452739	0.423783	0.430128	0.377618	0.56265	0.428827	0.386026	0.574558	0.467377	0.587231
0.530767	0.408957	0.554913	0.445199	0.570007	0.450046	0.416076	0.554243	0.38027	0.552921
0.610121	0.506616	0.536342	0.385512	0.543041	0.468556	0.396657	0.5383	0.413047	0.457097
0.278093	0.450649	0.519365	0.282841	0.396495	0.400116	0.436404	0.505644	0.370663	0.473575
0.341914	0.416307	0.383265	0.327649	0.475388	0.397539	0.556276	0.476779	0.330964	0.508533
0.344156	0.397837	0.370671	0.334679	0.513561	0.33652	0.309742	0.468555	0.356065	0.511022
0.44346	0.580605	0.506245	0.356477	0.510316	0.348401	0.316531	0.387698	0.28425	0.433497
0.384763	0.41901	0.431486	0.402382	0.468727	0.460314	0.436404	0.41958	0.435899	0.59625
0.423449	0.470801	0.325782	0.472026	0.52679	0.55258	0.562723	0.428268	0.432462	0.552006
0.362517	0.513304	0.443202	0.526116	0.481395	0.476186	0.514471	0.451134	0.536391	0.577426
0.311169	0.545652	0.533753	0.497436	0.460722	0.38801	0.547229	0.492143	0.568889	0.518577

0.422103	0.451379	0.418094	0.591839	0.587028	0.409257	0.541889	0.443378	0.365938	0.413102
0.485701	0.586548	0.375426	0.495063	0.503102	0.36239	0.340333	0.318509	0.42031	0.446928
0.570523	0.565144	0.407028	0.448021	0.337829	0.468556	0.489465	0.359723	0.481708	0.460047
0.368418	0.478508	0.380233	0.43961	0.31199	0.459572	0.495782	0.438513	0.543406	0.373155
0.454184	0.644044	0.410902	0.481859	0.465799	0.490269	0.573052	0.326979	0.415674	0.408477
0.473423	0.617547	0.517703	0.803506	0.663839	0.561857	0.605599	0.29703	0.449925	0.481277
0.622741	0.477731	0.375426	0.504632	0.518475	0.68581	0.610751	0.563359	0.647823	0.462273
0.688267	0.324341	0.32792	0.528665	0.341649	0.547108	0.483239	0.512965	0.600979	0.439102
0.449147	0.392063	0.403188	0.522741	0.263594	0.398182	0.396024	0.478291	0.517666	0.413766
0.377422	0.555753	0.423402	0.516068	0.359553	0.576155	0.384177	0.435071	0.528633	0.377417
0.416758	0.359536	0.481901	0.577303	0.340554	0.499105	0.414754	0.451134	0.644464	0.492293
0.621675	0.349021	0.489606	0.577303	0.456417	0.546203	0.337009	0.406545	0.526928	0.541169
0.457089	0.41429	0.683274	0.543398	0.504695	0.537251	0.349322	0.351161	0.5185	0.475871
0.576237	0.439134	0.418754	0.450149	0.340554	0.541704	0.418732	0.389546	0.421643	0.370137
0.680885	0.545652	0.646061	0.412697	0.40339	0.537251	0.359662	0.384025	0.429732	0.401309
0.654843	0.600739	0.705699	0.460221	0.511125	0.559053	0.372046	0.515433	0.579324	0.475871
0.506424	0.36549	0.45238	0.358776	0.42876	0.476957	0.351599	0.45256	0.589034	0.554758
0.437151	0.351916	0.481901	0.308243	0.395253	0.442145	0.464339	0.562439	0.372448	0.595239
0.554728	0.463228	0.550419	0.499821	0.496789	0.584966	0.471048	0.594878	0.455665	0.614869
0.653696	0.444134	0.663108	0.538141	0.616969	0.509785	0.407554	0.57931	0.57171	0.74444
0.575279	0.5946	0.74867	0.49192	0.523445	0.580049	0.585584	0.676364	0.498916	0.585252
0.408861	0.467756	0.531179	0.436153	0.55007	0.376232	0.523702	0.533974	0.407841	0.540278
0.481056	0.575714	0.531179	0.4088	0.543041	0.495066	0.575912	0.409121	0.277489	0.400018
0.491973	0.495963	0.436272	0.441001	0.675505	0.461057	0.544551	0.49371	0.448502	0.498717
0.498336	0.455047	0.56775	0.546938	0.712507	0.487099	0.441288	0.503231	0.499715	0.652377
0.529044	0.539345	0.540692	0.491138	0.629549	0.426075	0.356765	0.577403	0.426343	0.642129
0.514665	0.552975	0.465417	0.621403	0.559924	0.534601	0.457003	0.459757	0.440757	0.510191
0.478752	0.680853	0.511936	0.469044	0.674324	0.576155	0.667111	0.439204	0.452785	0.436992
0.532498	0.688352	0.52862	0.389823	0.748739	0.379301	0.528821	0.376171	0.373045	0.683418
0.474939	0.661466	0.614887	0.604844	0.594813	0.365362	0.439887	0.362615	0.49101	0.645518
0.475699	0.495154	0.489606	0.615119	0.54217	0.386755	0.573052	0.503231	0.479414	0.623407
0.518005	0.551133	0.400015	0.596795	0.442368	0.448598	0.619122	0.566132	0.659213	0.478179
0.480287	0.465486	0.354427	0.524425	0.615937	0.679617	0.649762	0.391403	0.491794	0.386067
0.411477	0.520097	0.42608	0.524425	0.61388	0.523301	0.558108	0.397019	0.511873	0.679721
0.485701	0.666232	0.515222	0.534671	0.430774	0.46554	0.64863	0.444778	0.587074	0.631019
0.562089	0.527868	0.587746	0.669313	0.36127	0.52502	0.589514	0.424237	0.637821	0.411114
0.590861	0.502487	0.419415	0.548719	0.349949	0.500731	0.488682	0.501629	0.606054	0.349576
0.513834	0.473867	0.296412	0.580171	0.395253	0.578098	0.505432	0.478291	0.564228	0.44981
0.483372	0.488737	0.38205	0.541638	0.545663	0.66749	0.539244	0.446886	0.642238	0.436992
0.612199	0.569917	0.445303	0.627779	0.571865	0.56468	0.760191	0.636429	0.686602	0.387943
0.491184	0.411615	0.496659	0.698546	0.523445	0.580049	0.516135	0.556958	0.458563	0.540278
0.549288	0.348444	0.451667	0.51113	0.516011	0.759005	0.412122	0.46267	0.341386	0.355934
0.495939	0.454311	0.383265	0.491138	0.351068	0.627531	0.445517	0.524604	0.465157	0.465258
0.664134	0.609062	0.620104	0.478051	0.348276	0.531092	0.47558	0.670429	0.592979	0.524544
0.55019	0.53049	0.563121	0.60586	0.488255	0.559053	0.589514	0.604899	0.447792	0.574527
0.664134	0.430694	0.52862	0.37822	0.384836	0.581028	0.543662	0.747634	0.476373	0.547457
0.698309	0.408295	0.494295	0.499024	0.52763	0.576155	0.426121	0.587025	0.436589	0.53497

0.586913	0.36669	0.532893	0.698546	0.6447	0.504001	0.330982	0.584116	0.546066	0.623407
0.625954	0.255411	0.532893	0.537271	0.571865	0.593958	0.335907	0.551545	0.49258	0.531467
0.68951	0.36609	0.602614	0.38674	0.511936	0.627531	0.456276	0.514609	0.364179	0.553838
0.619551	0.656751	0.539819	0.419933	0.627427	0.576155	0.685182	0.612054	0.431095	0.715515
0.57147	0.435597	0.48728	0.324443	0.59975	0.532843	0.53749	0.494495	0.516003	0.757452
0.513834	0.432089	0.580019	0.424602	0.521782	0.719517	0.471048	0.682381	0.535522	0.553838
0.694516	0.631698	0.577157	0.497436	0.57938	0.69463	0.489465	0.58315	0.455665	0.723585
0.585932	0.727923	0.60565	0.427968	0.499934	0.57038	0.52968	0.589953	0.512696	0.576457
0.471913	0.50496	0.525232	0.557736	0.699819	0.452955	0.613871	0.580267	0.410436	0.529726
0.457818	0.497585	0.592646	0.641924	0.658122	0.454417	0.509518	0.677561	0.489446	0.603396
0.371997	0.445573	0.457403	0.378823	0.616969	0.504823	0.571156	0.600863	0.49101	0.544751
0.517168	0.426534	0.306493	0.37283	0.708662	0.522444	0.494194	0.556958	0.595962	0.763362
0.582028	0.684586	0.410902	0.459494	0.573732	0.446437	0.514471	0.359147	0.577408	0.794185
0.499942	0.576688	0.454526	0.589873	0.531008	0.451498	0.58266	0.416942	0.585124	0.466758
0.412791	0.480066	0.4603	0.549612	0.559924	0.466292	0.738796	0.485932	0.673287	0.462273
0.564882	0.549298	0.462486	0.507057	0.642503	0.695905	0.706615	0.488251	0.578365	0.613813
0.642386	0.682094	0.411551	0.556825	0.506294	0.487099	0.527964	0.426247	0.544291	0.547457
0.632452	0.630593	0.407671	0.60586	0.551845	0.645343	0.546334	0.523763	0.528633	0.430031
0.411477	0.568958	0.518533	0.555917	0.319217	0.459572	0.639676	0.663413	0.652343	0.432107
0.522218	0.596637	0.404464	0.586939	0.36127	0.499105	0.581689	0.562439	0.550536	0.392986
0.564882	0.563249	0.373637	0.54428	0.516011	0.660374	0.556276	0.573614	0.61119	0.489117
0.727185	0.565144	0.500628	0.627779	0.66269	0.789584	0.394132	0.531398	0.713214	0.676055
0.499942	0.492736	0.513576	0.681255	0.634899	0.626441	0.384793	0.533114	0.510232	0.658177
0.474181	0.36609	0.60565	0.553204	0.462166	0.52848	0.389749	0.672793	0.544291	0.53497
0.594846	0.352498	0.472832	0.637522	0.582233	0.841696	0.597482	0.612054	0.455665	0.430031
0.515498	0.501666	0.428774	0.522741	0.52763	0.651063	0.499777	0.5383	0.610158	0.56312
0.596852	0.548384	0.703149	0.641924	0.637058	0.546203	0.468053	0.698426	0.585124	0.622331
0.536854	0.511622	0.722646	0.536402	0.546541	0.503182	0.567388	0.706037	0.525229	0.653531
0.622741	0.410284	0.564043	0.427292	0.382421	0.413901	0.432949	0.687255	0.374241	0.415099
0.698309	0.40962	0.521869	0.389823	0.511125	0.412569	0.460655	0.788971	0.402696	0.362386
0.671234	0.357177	0.512755	0.557736	0.602739	0.615695	0.486341	0.639712	0.418317	0.399374
0.516332	0.454311	0.590679	0.588893	0.767325	0.429518	0.578791	0.581226	0.416333	0.712858
0.491184	0.425845	0.708264	0.453003	0.498358	0.461801	0.499777	0.575504	0.365351	0.576457
0.576237	0.410949	0.57337	0.420597	0.430102	0.450046	0.530541	0.576453	0.392586	0.544751
0.508059	0.433489	0.555817	0.392306	0.60575	0.48083	0.474064	0.59587	0.41898	0.703685
0.418754	0.53401	0.668943	0.496643	0.583187	0.43021	0.508698	0.594878	0.426343	0.590217
0.579123	0.640642	0.663108	0.50222	0.59975	0.458093	0.524551	0.476779	0.46075	0.673629
0.633545	0.727923	0.562202	0.500619	0.761521	0.614635	0.671857	0.430297	0.441455	0.619117
0.403675	0.495963	0.602614	0.498229	0.747342	0.430903	0.68765	0.561521	0.48711	0.515203
0.471913	0.648622	0.592646	0.658839	0.754374	0.501546	0.569268	0.497651	0.696549	0.694702
0.432306	0.523534	0.584832	0.683684	0.621122	0.579072	0.697662	0.433702	0.564228	0.618051
0.529044	0.58955	0.488829	0.639717	0.650243	0.559986	0.725096	0.606932	0.610158	0.42318
0.521372	0.654413	0.45238	0.606879	0.750141	0.711503	0.533134	0.494495	0.580286	0.449087
0.563949	0.645184	0.544204	0.562315	0.668468	0.555343	0.579755	0.52714	0.57171	0.741601
0.499942	0.774528	0.575259	0.583059	0.557214	0.470071	0.70791	0.564282	0.557784	0.668815
0.46222	0.613283	0.639425	0.699808	0.444447	0.424022	0.474821	0.551545	0.741563	0.643256
0.522218	0.637267	0.415465	0.596795	0.420795	0.449321	0.4718	0.328049	0.604017	0.513526

0.432306	0.592573	0.425408	0.551404	0.460722	0.52416	0.44199	0.269482	0.454943	0.453438
0.415431	0.638389	0.485736	0.649735	0.688709	0.607286	0.560871	0.441982	0.636724	0.465258
0.477987	0.622935	0.379027	0.503826	0.457847	0.609373	0.824698	0.523763	0.502119	0.400018
0.472667	0.584558	0.507054	0.495063	0.317139	0.495066	0.571156	0.42692	0.652343	0.460047
0.641271	0.489534	0.343185	0.349088	0.380619	0.665105	0.474821	0.451846	0.609129	0.518577
0.575279	0.467756	0.422069	0.651993	0.531856	0.633019	0.491036	0.456143	0.681713	0.622331
0.604969	0.618619	0.458849	0.64637	0.343296	0.495066	0.401751	0.461211	0.702883	0.440514
0.586913	0.645184	0.563121	0.639717	0.328689	0.462546	0.399834	0.3603	0.506969	0.416435
0.503981	0.609062	0.622209	0.655402	0.424096	0.559053	0.64525	0.536564	0.444964	0.478952
0.62488	0.534895	0.46689	0.557736	0.39899	0.521588	0.453381	0.637521	0.474107	0.510191
0.436455	0.596637	0.524389	0.738093	0.436192	0.520734	0.44199	0.576453	0.605035	0.658177
0.673627	0.621852	0.509488	0.603829	0.389095	0.526746	0.71444	0.744827	0.85398	0.580344
0.664134	0.534895	0.557632	0.408154	0.296402	0.69463	0.760191	0.812848	0.69404	0.518577
0.637943	0.405656	0.736148	0.533808	0.422112	0.527612	0.58266	0.756167	0.547848	0.578396
0.518005	0.432788	0.619056	0.702343	0.578434	0.638578	0.359662	0.49607	0.525229	0.582301
0.557474	0.542037	0.538947	0.671675	0.537843	0.574222	0.451941	0.560604	0.560534	0.567837
0.582028	0.499213	0.534614	0.680046	0.478381	0.645343	0.530541	0.593889	0.607077	0.50278
0.498336	0.45949	0.586772	0.500619	0.530161	0.583978	0.527108	0.503231	0.466636	0.507706
0.655994	0.315703	0.424738	0.433408	0.544787	0.556267	0.51697	0.55969	0.372448	0.408477
0.615335	0.483986	0.582901	0.531229	0.603741	0.448598	0.30819	0.514609	0.498916	0.61276
0.70729	0.551133	0.764481	0.621403	0.364724	0.679617	0.424093	0.67517	0.452785	0.528858
0.745197	0.456523	0.709552	0.664626	0.412328	0.708864	0.507062	0.654231	0.437974	0.491497
0.694516	0.487148	0.650542	0.495063	0.457847	0.53022	0.521165	0.549755	0.323442	0.526265
0.526472	0.426534	0.513576	0.453719	0.564478	0.486311	0.533134	0.58315	0.454223	0.606495
0.400465	0.385109	0.77485	0.674051	0.754374	0.638578	0.568327	0.590934	0.690305	0.682182
0.72583	0.632806	0.853528	0.716555	0.803878	0.690828	0.527108	0.707318	0.555961	0.561248
0.749462	0.602805	0.559454	0.46461	0.752958	0.775557	0.67425	0.672793	0.624835	0.735978
0.477223	0.496773	0.623265	0.392306	0.57938	0.594969	0.663586	0.578356	0.597962	0.754526
0.45058	0.557615	0.558542	0.4088	0.56908	0.495871	0.636365	0.551545	0.486334	0.646654
0.552	0.508278	0.680853	0.573507	0.578434	0.490269	0.534002	0.505644	0.549638	0.615927
0.623809	0.444134	0.629657	0.475028	0.608781	0.510617	0.462125	0.648589	0.588053	0.614869
0.628109	0.531367	0.424069	0.320732	0.736323	0.827638	0.655469	0.653097	0.537262	0.668815
0.38848	0.628392	0.576207	0.363993	0.504695	0.549836	0.62018	0.484393	0.562377	0.687147
0.392857	0.554825	0.463949	0.448729	0.627427	0.418595	0.555363	0.397648	0.552336	0.670014
0.366048	0.619694	0.658497	0.575401	0.566313	0.488681	0.540124	0.395139	0.642238	0.760397
0.661792	0.685838	0.509488	0.433408	0.702327	0.534601	0.656619	0.477534	0.526928	0.595239
0.559314	0.722434	0.441807	0.496643	0.721614	0.432989	0.562723	0.425576	0.509414	0.670014
0.435068	0.628392	0.501426	0.499821	0.446535	0.347828	0.592485	0.443378	0.477891	0.496297
0.389102	0.590555	0.306493	0.469788	0.552735	0.521588	0.682729	0.637521	0.613262	0.384199
0.329789	0.597659	0.478857	0.569744	0.602739	0.492661	0.890505	0.79995	0.629121	0.530595
0.491973	0.50331	0.393736	0.517727	0.642503	0.557194	0.747228	0.422901	0.633449	0.506058
0.666487	0.577664	0.416778	0.48493	0.576547	0.658027	0.622304	0.485932	0.733273	0.523687
0.466667	0.559485	0.440417	0.736715	0.445142	0.579072	0.563652	0.487476	0.6467	0.59423
0.410822	0.692151	0.564967	0.627779	0.478381	0.533721	0.480927	0.449005	0.592979	0.494691
0.50888	0.59971	0.417436	0.427968	0.395873	0.512287	0.604576	0.500831	0.528633	0.457833
0.644624	0.54024	0.469109	0.686126	0.41104	0.463293	0.592485	0.384025	0.49101	0.396808
0.598867	0.489534	0.467628	0.719189	0.520125	0.56468	0.536615	0.561521	0.598965	0.374369

0.539488	0.520954	0.653933	0.639717	0.416866	0.574222	0.626582	0.64302	0.520172	0.569738
0.685793	0.592573	0.579063	0.486474	0.299376	0.549836	0.552634	0.644128	0.490227	0.565001
0.652552	0.598683	0.446005	0.664626	0.484431	0.689568	0.526254	0.704759	0.510232	0.430722
0.653696	0.357766	0.371855	0.465346	0.651359	0.652216	0.604576	0.861268	0.465157	0.533215
0.659464	0.496773	0.414156	0.418609	0.535267	0.625355	0.370255	0.526293	0.681713	0.737377
0.623809	0.677151	0.604636	0.475781	0.406561	0.569424	0.424093	0.540043	0.440757	0.59625
0.628109	0.597659	0.434214	0.457319	0.489794	0.720867	0.478627	0.578356	0.298598	0.380486
0.704705	0.460235	0.640524	0.557736	0.598758	0.822481	0.547229	0.653097	0.468863	0.505236
0.544806	0.407633	0.584832	0.644141	0.596781	0.628623	0.484787	0.629938	0.57455	0.511855
0.471159	0.430694	0.623265	0.514416	0.711222	0.543498	0.555363	0.556958	0.59696	0.602368
0.646875	0.509112	0.538077	0.441001	0.649128	0.674726	0.531404	0.551545	0.429732	0.614869
0.674828	0.275892	0.509488	0.608925	0.743177	0.58894	0.50058	0.432337	0.320258	0.510191
0.591854	0.406314	0.55401	0.497436	0.634899	0.61042	0.525402	0.500831	0.412393	0.655847
0.779017	0.768422	0.6528	0.347963	0.571865	0.525882	0.575912	0.678761	0.48556	0.574527
0.581057	0.799851	0.548634	0.476536	0.456417	0.40597	0.571156	0.609998	0.543406	0.679721
0.466667	0.640642	0.523547	0.40111	0.521782	0.559986	0.509518	0.47377	0.547848	0.684657
0.736791	0.718362	0.638329	0.497436	0.716387	0.545299	0.70791	0.64747	0.493367	0.797391
0.396645	0.429303	0.588721	0.625643	0.720302	0.595982	0.658929	0.641914	0.552336	0.68965
0.543026	0.507446	0.483431	0.606879	0.6436	0.460314	0.733264	0.692185	0.62377	0.51269
0.699581	0.729306	0.501426	0.463876	0.425423	0.495066	0.610751	0.52969	0.541642	0.517731
0.553817	0.740533	0.507864	0.394803	0.520125	0.379917	0.558108	0.378573	0.360103	0.515203
0.477987	0.60488	0.555817	0.498229	0.655856	0.413901	0.457003	0.450423	0.511873	0.546553
0.488042	0.61541	0.801116	0.713936	0.550956	0.333738	0.538366	0.607951	0.581249	0.626653
0.494348	0.687093	0.412201	0.478051	0.592853	0.5426	0.556276	0.625663	0.721127	0.548363
0.510525	0.563249	0.276927	0.394178	0.656988	0.608328	0.548125	0.517086	0.591989	0.536732
0.478752	0.573773	0.371262	0.458768	0.792895	0.69463	0.609716	0.490582	0.656911	0.59423
0.345845	0.679615	0.582901	0.587915	0.648017	0.615695	0.828104	0.646353	0.738782	0.623407
0.439244	0.683338	0.556724	0.676439	0.547421	0.711503	0.719735	0.5383	0.702883	0.593223
0.539488	0.571841	0.407671	0.511949	0.531008	0.751685	0.607653	0.719025	0.631279	0.317511
0.561162	0.637267	0.4603	0.565086	0.418826	0.63746	0.433638	0.506451	0.489446	0.252313
0.369012	0.657925	0.489606	0.72719	0.481395	0.46479	0.372644	0.390164	0.653481	0.552006
0.521372	0.565144	0.400647	0.712632	0.464342	0.690828	0.501385	0.430976	0.754303	0.567837
0.70729	0.529614	0.524389	0.548719	0.381219	0.690828	0.443397	0.367282	0.666193	0.456363
0.563018	0.407633	0.364216	0.443095	0.466529	0.636346	0.465821	0.526293	0.489446	0.456363
0.664134	0.468515	0.42945	0.650863	0.491339	0.603141	0.482467	0.523763	0.500515	0.407821
0.666487	0.626201	0.518533	0.620349	0.383024	0.593958	0.619122	0.593889	0.542523	0.426592
0.460014	0.642907	0.628585	0.538141	0.436874	0.674726	0.544551	0.623541	0.613262	0.411775
0.518845	0.415633	0.61801	0.517727	0.432122	0.490269	0.501385	0.651965	0.50373	0.566889
0.625954	0.218845	0.521033	0.503826	0.460722	0.521588	0.527964	0.505644	0.526928	0.564059
0.641271	0.438424	0.613851	0.52527	0.56174	0.506471	0.416076	0.557866	0.473354	0.658177
0.641271	0.573773	0.523547	0.392929	0.477631	0.718171	0.518643	0.67398	0.39698	0.466008
0.579123	0.471565	0.603624	0.396686	0.52679	0.66749	0.477863	0.688482	0.441455	0.553838
0.513004	0.531367	0.620104	0.620349	0.676689	0.595982	0.682729	0.575504	0.46075	0.68965
0.588883	0.423783	0.529471	0.520227	0.697326	0.51649	0.4688	0.457585	0.548742	0.783147
0.463697	0.377647	0.646061	0.448729	0.505494	0.440015	0.323964	0.50726	0.443557	0.496297
0.645748	0.520097	0.70188	0.549612	0.670801	0.519032	0.482467	0.540917	0.296591	0.501964
0.51135	0.514148	0.644948	0.469788	0.609796	0.579072	0.660088	0.498444	0.506969	0.653531

0.523065	0.491132	0.479616	0.445199	0.525951	0.578098	0.785786	0.67398	0.597962	0.708903
0.705996	0.495963	0.640524	0.563237	0.531856	0.451498	0.575912	0.607951	0.64113	0.621257
0.623809	0.464732	0.671299	0.644141	0.511936	0.51649	0.586563	0.636429	0.5185	0.498717
0.690756	0.524397	0.575259	0.546938	0.726906	0.63746	0.507879	0.439204	0.342498	0.573565
0.616385	0.697268	0.455243	0.253836	0.559924	0.635234	0.583632	0.444778	0.341386	0.661694
0.440645	0.525262	0.458849	0.343489	0.587028	0.501546	0.675451	0.482095	0.389474	0.622331
0.419422	0.525262	0.455243	0.455876	0.386656	0.370763	0.605599	0.562439	0.616387	0.568786
0.45058	0.600739	0.519365	0.450149	0.430774	0.426075	0.652036	0.551545	0.52778	0.45563
0.504794	0.711659	0.476588	0.553204	0.635978	0.455883	0.525402	0.476779	0.473354	0.581321
0.452739	0.508278	0.42608	0.589873	0.677876	0.37016	0.523702	0.351161	0.548742	0.587231
0.403031	0.595617	0.44812	0.617203	0.481395	0.494263	0.344804	0.481331	0.616387	0.459308
0.38538	0.667432	0.437649	0.499821	0.457132	0.381152	0.510339	0.456864	0.629121	0.400663
0.507241	0.494346	0.390011	0.510312	0.528472	0.38801	0.691377	0.449714	0.62059	0.45563
0.631362	0.468515	0.260566	0.532946	0.55007	0.708864	0.711816	0.408476	0.624835	0.661694
0.539488	0.491132	0.514398	0.654263	0.504695	0.706241	0.586563	0.411712	0.487887	0.551092
0.518845	0.677151	0.55311	0.637522	0.372305	0.404662	0.453381	0.550649	0.690305	0.413102
0.439944	0.59971	0.498242	0.576351	0.436192	0.495871	0.580721	0.547973	0.567953	0.428652
0.665309	0.433489	0.392491	0.613044	0.503102	0.594969	0.637466	0.577403	0.642238	0.51269
0.641271	0.473867	0.440417	0.555011	0.56265	0.789584	0.559027	0.688482	0.771893	0.425907
0.55019	0.58159	0.730697	0.805114	0.637058	0.759005	0.471048	0.55969	0.621648	0.330494
0.779017	0.894129	0.678444	0.513592	0.397117	0.571337	0.549923	0.676364	0.409786	0.545651
0.581057	0.679615	0.482665	0.675243	0.506294	0.688312	0.479393	0.517086	0.419644	0.381103
0.692006	0.455047	0.533753	0.766612	0.523445	0.777093	0.465821	0.62143	0.613262	0.478179
0.563949	0.4427	0.648296	0.747863	0.6436	0.680848	0.386644	0.795211	0.593971	0.500337
0.470407	0.423098	0.613851	0.465346	0.471674	0.682083	0.607653	0.742038	0.39698	0.53585
0.577197	0.574742	0.628585	0.511949	0.590903	0.631916	0.494194	0.747634	0.398244	0.432107
0.559314	0.523534	0.542445	0.526116	0.603741	0.863676	0.488682	0.573614	0.361264	0.489117
0.645748	0.417656	0.476588	0.596795	0.744561	0.538138	0.434328	0.708604	0.452785	0.471291
0.572419	0.609062	0.632889	0.531229	0.718993	0.56468	0.544551	0.720346	0.555052	0.636538
0.762513	0.61541	0.790108	0.601808	0.565394	0.630816	0.655469	0.728354	0.561454	0.805511
0.791426	0.495963	0.752925	0.583059	0.580329	0.584966	0.701476	0.544431	0.455665	0.592219
0.642386	0.527868	0.683274	0.476536	0.574668	0.599036	0.503809	0.568922	0.401419	0.59625
0.454908	0.570878	0.661951	0.598793	0.667306	0.572296	0.538366	0.704759	0.523537	0.562183
0.54037	0.660282	0.544204	0.556825	0.56174	0.513125	0.614916	0.754733	0.653481	0.621257
0.676033	0.473867	0.432848	0.392306	0.558115	0.539026	0.737406	0.534836	0.583182	0.497102
0.761044	0.60488	0.593632	0.365161	0.574668	0.499105	0.669478	0.603887	0.472602	0.604427
0.517168	0.484775	0.614887	0.46095	0.44306	0.451498	0.594477	0.513786	0.535522	0.730426
0.430932	0.531367	0.622209	0.613044	0.59975	0.506471	0.692627	0.59587	0.580286	0.701099
0.48648	0.649774	0.537209	0.49192	0.587994	0.479276	0.67425	0.534836	0.603002	0.498717
0.542139	0.621852	0.506245	0.41335	0.571865	0.539917	0.656619	0.457585	0.454943	0.411114
0.496736	0.552975	0.585801	0.555917	0.707388	0.563737	0.649762	0.554243	0.554145	0.585252
0.392229	0.665036	0.537209	0.496643	0.818419	0.504001	0.795192	0.683594	0.668545	0.623407
0.38538	0.659102	0.512755	0.671675	0.460722	0.4213	0.738796	0.672793	0.666193	0.542956
0.54037	0.5946	0.435585	0.491138	0.509509	0.35885	0.757277	0.711186	0.738782	0.540278
0.411477	0.536669	0.537209	0.620349	0.750141	0.475417	0.513642	0.430976	0.652343	0.61276
0.542139	0.737699	0.540692	0.590855	0.567233	0.273752	0.45266	0.483626	0.525229	0.521124
0.492763	0.585552	0.709552	0.805114	0.338372	0.269426	0.613871	0.639712	0.490227	0.364756

0.485701	0.621852	0.482665	0.606879	0.378227	0.515646	0.661251	0.698426	0.662689	0.347858
0.556557	0.480848	0.253287	0.441001	0.584144	0.839914	0.510339	0.586053	0.585124	0.509361
0.410822	0.502487	0.380233	0.608925	0.600744	0.630816	0.512814	0.374976	0.591989	0.459308
0.557474	0.766908	0.454526	0.733973	0.638142	0.644208	0.549023	0.585083	0.761546	0.511855
0.769937	0.7238	0.577157	0.858146	0.503898	0.646481	0.664758	0.636429	0.631279	0.40651
0.700856	0.548384	0.514398	0.713936	0.395873	0.553499	0.58266	0.585083	0.369477	0.373155
0.57337	0.4427	0.422069	0.607901	0.531008	0.740224	0.498975	0.550649	0.542523	0.529726
0.566754	0.531367	0.488829	0.768088	0.551845	0.649913	0.534002	0.484393	0.556871	0.479725
0.705996	0.7624	0.672482	0.790857	0.519299	0.53022	0.613871	0.56799	0.570768	0.370137
0.531632	0.649774	0.704422	0.645254	0.470198	0.551664	0.584607	0.596864	0.569828	0.482054
0.667669	0.563249	0.516047	0.552303	0.532707	0.683322	0.596478	0.712483	0.559615	0.557527
0.491973	0.53049	0.446005	0.610979	0.532707	0.596998	0.425444	0.537432	0.390716	0.34501
0.512176	0.714328	0.609731	0.85997	0.669633	0.829371	0.557191	0.62143	0.512696	0.360029
0.676033	0.878225	0.794791	0.869203	0.619041	0.8489	0.717079	0.708604	0.547848	0.432107
0.824095	0.641773	0.637235	0.599796	0.621122	0.711503	0.700201	0.821108	0.500515	0.468264
0.642386	0.447017	0.463217	0.613044	0.546541	0.618891	0.495782	0.463401	0.462948	0.620186
0.653696	0.552975	0.551314	0.757858	0.564478	0.66749	0.492612	0.598859	0.624835	0.662873
0.775969	0.653249	0.506245	0.60586	0.409115	0.711503	0.558108	0.75046	0.725138	0.483614
0.593846	0.524397	0.725313	0.65769	0.505494	0.791171	0.595477	0.677561	0.601989	0.439808
0.739575	0.457263	0.710844	0.720513	0.56174	0.727682	0.481696	0.763408	0.511052	0.542061
0.752328	0.462478	0.577157	0.514416	0.626369	0.627531	0.388504	0.589953	0.416333	0.552006
0.667669	0.70375	0.679647	0.553204	0.478381	0.672301	0.362579	0.574558	0.605035	0.606495
0.723133	0.718362	0.660796	0.628851	0.509509	0.646481	0.376858	0.540043	0.67091	0.48675
0.561162	0.541138	0.64273	0.51113	0.454992	0.645343	0.466564	0.470039	0.506157	0.472812
0.600892	0.41901	0.537209	0.488023	0.557214	0.695905	0.540124	0.722999	0.524382	0.545651
0.432995	0.427916	0.535477	0.454437	0.552735	0.52502	0.548125	0.72167	0.532064	0.528858
0.629191	0.508278	0.601607	0.520227	0.437557	0.631916	0.509518	0.527988	0.668545	0.577426
0.785177	0.533127	0.691858	0.732608	0.623213	0.640821	0.545442	0.45399	0.507782	0.392353
0.742377	0.483199	0.719996	0.475028	0.556314	0.633019	0.69388	0.661099	0.345289	0.280742
0.580089	0.477731	0.593632	0.455156	0.528472	0.585956	0.424768	0.582187	0.439363	0.519424
0.474181	0.419689	0.627516	0.573507	0.568156	0.531967	0.382336	0.467815	0.337517	0.695974
0.688267	0.509947	0.632889	0.662302	0.455704	0.689568	0.522009	0.67161	0.427019	0.620186
0.72583	0.659102	0.758664	0.46095	0.44306	0.677164	0.586563	0.633171	0.534655	0.597264
0.623809	0.533127	0.548634	0.428644	0.489794	0.473118	0.701476	0.609998	0.365938	0.360617
0.457818	0.347868	0.664269	0.528665	0.616969	0.486311	0.505432	0.524604	0.387	0.401309
0.570523	0.491132	0.917288	0.590855	0.492889	0.42539	0.414095	0.809587	0.540762	0.61171
0.769937	0.668635	0.688158	0.516897	0.451448	0.525882	0.447648	0.584116	0.57171	0.537615
0.497535	0.513304	0.699353	0.458768	0.485193	0.644208	0.556276	0.644128	0.349794	0.623407
0.618493	0.451379	0.45238	0.342934	0.460002	0.501546	0.670666	0.736512	0.343054	0.506881
0.653696	0.532246	0.689388	0.481859	0.554521	0.476957	0.562723	0.637521	0.413702	0.61276
0.513834	0.467756	0.713439	0.560477	0.456417	0.627531	0.562723	0.787425	0.563301	0.641005
0.637943	0.539345	0.628585	0.412045	0.445838	0.66749	0.477101	0.690947	0.642238	0.533215
0.613242	0.532246	0.657351	0.481095	0.576547	0.661552	0.680289	0.708604	0.473354	0.597264
0.717788	0.575714	0.49745	0.503022	0.519299	0.496677	0.551729	0.415628	0.380877	0.576457
0.752328	0.462478	0.780889	0.604844	0.642503	0.373793	0.344804	0.373188	0.361845	0.613813
0.676033	0.552053	0.6666	0.594806	0.446535	0.449321	0.550825	0.657651	0.352633	0.525404
0.513834	0.657925	0.665433	0.473524	0.472415	0.689568	0.605599	0.772259	0.462214	0.636538

0.459281	0.443416	0.674857	0.463142	0.531008	0.553499	0.53749	0.708604	0.480177	0.539388
0.666487	0.475409	0.525232	0.516068	0.449336	0.507297	0.364926	0.500034	0.528633	0.591217
0.685793	0.600739	0.512755	0.482625	0.570007	0.522444	0.287518	0.59786	0.510232	0.68965
0.660626	0.520954	0.627516	0.336317	0.474642	0.51649	0.481696	0.608973	0.397611	0.552006
0.661792	0.58955	0.790108	0.628851	0.458564	0.503182	0.559027	0.575504	0.397611	0.511855
0.508059	0.404999	0.646061	0.530372	0.510316	0.504823	0.424768	0.551545	0.433147	0.49389
0.640159	0.395904	0.439031	0.456597	0.529316	0.583978	0.485563	0.528838	0.516003	0.615927
0.561162	0.415633	0.518533	0.640819	0.609796	0.498294	0.518643	0.629938	0.474861	0.571647
0.785177	0.640642	0.606667	0.65999	0.511936	0.633019	0.4879	0.646353	0.482476	0.45271
0.679667	0.512463	0.581938	0.488799	0.430774	0.574222	0.534002	0.639712	0.516003	0.632117
0.657147	0.44992	0.679647	0.499821	0.486721	0.607286	0.44199	0.59786	0.409786	0.525404
0.617438	0.452842	0.494295	0.469788	0.436874	0.571337	0.308706	0.500034	0.466636	0.574527
0.583	0.41295	0.541568	0.647489	0.452862	0.422659	0.404321	0.537432	0.391961	0.544751
0.460748	0.652087	0.56682	0.566014	0.346056	0.445001	0.462861	0.664575	0.462214	0.37255
0.430932	0.473867	0.499036	0.501419	0.499934	0.662733	0.599497	0.653097	0.523537	0.510191
0.566754	0.408295	0.606667	0.507057	0.499934	0.671093	0.522009	0.776754	0.454943	0.501964
0.475699	0.451379	0.418094	0.601808	0.544787	0.52502	0.394762	0.686031	0.593971	0.582301
0.618493	0.633917	0.434214	0.598793	0.578434	0.532843	0.508698	0.59587	0.539884	0.695974
0.719118	0.7477	0.656209	0.586939	0.583187	0.774026	0.496578	0.504838	0.46812	0.556602
0.595847	0.457263	0.686932	0.501419	0.486721	0.649913	0.471048	0.540917	0.411087	0.601342
0.644624	0.377647	0.607686	0.533808	0.475388	0.543498	0.371448	0.541793	0.418317	0.525404
0.566754	0.415633	0.484967	0.436153	0.485956	0.493461	0.278262	0.46194	0.633449	0.757452
0.670042	0.39462	0.467628	0.497436	0.371717	0.46554	0.265908	0.510511	0.420976	0.531467
0.661792	0.539345	0.42945	0.312366	0.402128	0.585956	0.568327	0.686031	0.420976	0.677274
0.746614	0.438424	0.389394	0.505439	0.490566	0.757531	0.63857	0.695919	0.403976	0.68095
0.576237	0.471565	0.596606	0.631002	0.570007	0.658027	0.627658	0.533974	0.52778	0.565001
0.397915	0.422414	0.540692	0.647489	0.576547	0.548015	0.418732	0.544431	0.674481	0.67484
0.708589	0.568001	0.604636	0.661144	0.458564	0.537251	0.392248	0.659947	0.46002	0.550181
0.698309	0.680853	0.643838	0.478051	0.543913	0.666296	0.533134	0.659947	0.530345	0.582301
0.649136	0.437716	0.578109	0.377016	0.405925	0.678389	0.520323	0.644128	0.48711	0.715515
0.552	0.402381	0.416778	0.341824	0.365882	0.520734	0.360827	0.414973	0.415016	0.573565
0.538608	0.399778	0.544204	0.548719	0.516831	0.541704	0.309742	0.359147	0.463683	0.497908
0.541254	0.43419	0.612817	0.647489	0.517652	0.69463	0.424093	0.628865	0.727833	0.615927
0.765468	0.787005	0.979859	0.558648	0.587028	0.822481	0.502192	0.546198	0.580286	0.497908
0.84852	0.609062	0.629657	0.504632	0.46289	0.671093	0.556276	0.56799	0.410436	0.369536
0.541254	0.377647	0.440417	0.478051	0.529316	0.640821	0.391622	0.410415	0.417655	0.362386
0.484147	0.455784	0.514398	0.757858	0.673146	0.508954	0.363165	0.564282	0.581249	0.53497
0.465179	0.48163	0.486507	0.592826	0.336202	0.565624	0.566451	0.557866	0.63563	0.46153
0.514665	0.405656	0.455962	0.532946	0.310456	0.466292	0.540124	0.549755	0.459291	0.442642
0.605995	0.4427	0.405744	0.35993	0.507095	0.661552	0.477863	0.490582	0.484787	0.593223
0.716461	0.514148	0.432166	0.504632	0.535267	0.763457	0.471048	0.459032	0.368294	0.436291
0.608053	0.608012	0.428774	0.738093	0.46726	0.505646	0.457731	0.487476	0.464419	0.396808
0.523914	0.614345	0.622209	0.647489	0.40529	0.490269	0.580721	0.414973	0.576454	0.403252
0.377422	0.509947	0.665433	0.624579	0.452862	0.52848	0.565516	0.45256	0.48711	0.365351
0.406909	0.350756	0.41481	0.498229	0.40339	0.66749	0.468053	0.523763	0.541642	0.487538
0.535106	0.40962	0.394359	0.591839	0.521782	0.522444	0.401111	0.39389	0.539008	0.399374
0.503981	0.602805	0.387546	0.507057	0.41104	0.350125	0.628737	0.500831	0.617434	0.471291

0.521372	0.59971	0.403188	0.474275	0.422772	0.344973	0.623369	0.585083	0.565156	0.424541
0.541254	0.513304	0.536342	0.643031	0.401499	0.436488	0.535742	0.523763	0.569828	0.400018
0.515498	0.427225	0.507864	0.559562	0.462166	0.624271	0.483239	0.50807	0.521011	0.44478
0.509701	0.580605	0.382657	0.545164	0.454992	0.572296	0.510339	0.47377	0.567019	0.518577
0.460748	0.668635	0.494295	0.43961	0.535267	0.589939	0.479393	0.42962	0.675678	0.545651
0.48726	0.597659	0.506245	0.516068	0.42809	0.48083	0.611788	0.585083	0.580286	0.552006
0.525617	0.388888	0.333853	0.517727	0.445142	0.407282	0.474821	0.485162	0.569828	0.407821
0.418088	0.339319	0.318906	0.503826	0.455704	0.476186	0.386644	0.414973	0.558699	0.392986
0.439244	0.541138	0.396864	0.610979	0.499146	0.426075	0.422747	0.335618	0.626972	0.469019
0.440645	0.524397	0.360736	0.577303	0.369958	0.346113	0.525402	0.424906	0.51352	0.506058
0.425477	0.455047	0.448827	0.61616	0.378227	0.515646	0.511988	0.400805	0.568889	0.493091
0.472667	0.458746	0.470594	0.415315	0.369373	0.450046	0.386026	0.468555	0.544291	0.405857
0.369608	0.457263	0.411551	0.412697	0.308929	0.457355	0.359081	0.463401	0.50373	0.378029
0.409514	0.429998	0.344296	0.481095	0.434152	0.475417	0.379892	0.40271	0.558699	0.399374
0.444875	0.567047	0.367138	0.600801	0.584144	0.499105	0.52968	0.412363	0.65806	0.609616
0.447005	0.461729	0.411551	0.46461	0.297391	0.379301	0.50058	0.388313	0.570768	0.383578
0.328703	0.151256	0.374232	0.40302	0.335661	0.361207	0.435711	0.346104	0.396349	0.360617
0.330332	0.40962	0.392491	0.487247	0.458564	0.502363	0.474821	0.363196	0.383316	0.361206
0.432306	0.586548	0.49587	0.43	0.488255	0.400762	0.604576	0.42692	0.556871	0.45563
0.544806	0.554825	0.468368	0.460221	0.326566	0.416577	0.549923	0.411712	0.476373	0.398731
0.574324	0.561363	0.308025	0.404297	0.386656	0.330423	0.467308	0.356851	0.462214	0.301811
0.484923	0.537559	0.365967	0.46095	0.412328	0.396897	0.434328	0.250694	0.410436	0.34843
0.457089	0.721072	0.541568	0.472774	0.520953	0.409917	0.528821	0.287652	0.44426	0.44478
0.379246	0.491132	0.64273	0.597793	0.498358	0.436488	0.639676	0.470782	0.479414	0.476639
0.457089	0.463979	0.416121	0.64637	0.485956	0.522444	0.52968	0.523763	0.524382	0.327757
0.432995	0.570878	0.550419	0.689815	0.637058	0.52848	0.722408	0.620378	0.545177	0.28815
0.513834	0.595617	0.446709	0.589873	0.582233	0.498294	0.628737	0.444778	0.442855	0.425907
0.458549	0.622935	0.46689	0.432041	0.462166	0.338197	0.692627	0.453274	0.690305	0.812119
0.493555	0.588547	0.577157	0.554106	0.369373	0.470071	0.584607	0.551545	0.62377	0.710218
0.433685	0.601771	0.410254	0.506247	0.409755	0.461801	0.569268	0.455424	0.530345	0.493091
0.484923	0.580605	0.491163	0.46095	0.395873	0.444285	0.585584	0.4176	0.537262	0.506058
0.444875	0.476956	0.39063	0.556825	0.713797	0.509785	0.554451	0.47377	0.521851	0.513526
0.376211	0.585552	0.406386	0.437533	0.464342	0.293514	0.596478	0.370225	0.475616	0.577426
0.430932	0.610113	0.519365	0.581132	0.468727	0.387382	0.561796	0.438513	0.413702	0.559384
0.518005	0.712992	0.413503	0.353051	0.421453	0.40401	0.497375	0.490582	0.565156	0.668815
0.507241	0.50496	0.435585	0.365746	0.520125	0.334293	0.461389	0.353428	0.386384	0.448366
0.426834	0.533127	0.511119	0.438224	0.580329	0.445718	0.484012	0.45256	0.413047	0.379256
0.418088	0.572806	0.562202	0.440305	0.454281	0.328228	0.416076	0.476025	0.439363	0.503597
0.403031	0.502487	0.403826	0.401745	0.461444	0.252543	0.289492	0.354566	0.393837	0.311688
0.435068	0.613283	0.491163	0.390443	0.280402	0.196924	0.484012	0.49371	0.522693	0.466758
0.623809	0.578642	0.524389	0.481859	0.550956	0.430903	0.4879	0.409121	0.421643	0.413102
0.446294	0.519242	0.490384	0.486474	0.640317	0.393702	0.481696	0.362615	0.388235	0.580344
0.470407	0.597659	0.504633	0.510312	0.543913	0.400762	0.466564	0.300034	0.364179	0.524544
0.629191	0.783852	0.558542	0.560477	0.489024	0.42539	0.483239	0.478291	0.491794	0.510191
0.785177	0.753521	0.548634	0.438917	0.582233	0.409917	0.571156	0.299532	0.538134	0.53497
0.791426	0.536669	0.526076	0.489577	0.725577	0.507297	0.503809	0.455424	0.41898	0.446928
0.644624	0.743386	0.820661	0.636429	0.658122	0.496677	0.496578	0.502429	0.402057	0.465258

0.609086	0.679615	0.7389	0.540761	0.600744	0.476957	0.581689	0.573614	0.462214	0.494691
0.908053	0.896159	0.776352	0.50222	0.528472	0.443571	0.493402	0.532255	0.501316	0.441932
1.740974	1.068725	0.770376	0.581132	0.634899	0.447877	0.503809	0.395139	0.427019	0.354191
1.053358	0.846247	1.044536	0.962545	0.989349	0.59094	0.4718	0.367869	0.327725	0.334909
1.070967	1.045161	0.963351	0.882469	0.876336	0.587943	0.58266	0.596864	0.368294	0.515203
1.499941	2.574238	1.162391	0.618249	0.882005	0.495871	0.578791	0.572671	0.373045	0.407821
1.610671	1.935927	1.155134	0.813241	0.838598	0.603141	0.63199	0.458308	0.427019	0.429341
1.478258	0.894129	1.208686	0.813241	1.132255	0.578098	0.696397	0.585083	0.449925	0.543853
1.345845	0.772994	0.853685	1.27717	1.932626	0.74164	0.643012	0.600863	0.401419	0.515203
1.156788	1.687949	1.410295	1.345653	1.530263	0.645343	0.630903	0.727009	0.607077	0.615927
1.001886	2.165574	1.649282	1.474937	1.221919	0.943925	0.987395	0.67161	0.579324	0.622331
0.834395	0.932198	1.082406	1.098185	1.163996	1.809951	1.516669	0.692185	0.625902	0.651226
1.092456	0.627295	1.113963	1.106074	1.891855	1.400289	1.406672	0.952544	0.711909	0.637651
0.72179	0.787005	1.357788	1.116443	0.681457	1.403481	1.393906	1.831915	0.843271	0.943249
0.836136	0.947953	1.24254	1.329197	0.905453	1.592507	1.889795	1.123678	1.109875	1.331439
0.658304	0.712992	0.82233	1.566832	1.284765	1.258359	1.137481	1.130579	0.920229	1.101781
0.588883	0.452842	0.600602	1.392854	1.109298	1.016603	3.215973	1.085178	3.72962	0.75865
0.756664	0.437716	0.718676	0.960237	0.923908	1.06295	1.039777	1.062477	0.221267	0.110634
0.598867	0.635031	0.787013	0.993719	0.724252	1.226894	1.870524	0.442535	0	0
0.736791	0.544746	0.568681	0.702343	0.688709	0.871257	0.88507	0.221267	0	0
0.613242	0.585552	0.538947	0.818192	0.699819	0.898883	1.324307	0.553169	0	0
0.521372	0.369101	0.509488	0.752119	0.994248	1.113111	1.036996	1.036994	0.689654	0
0.312734	0.370312	0.328992	0.399841	0.600744	0.924047	0.934066	0.82614	1.541747	1.233342
0.363104	0.312508	0.482665	0.397315	0.424759	0.490269	0.597482	0.732414	1.027082	1.070505
0.364279	0.335945	0.376623	0.392929	0.22969	0.467045	0.652036	0.616196	0.907779	1.035724
0.421431	0.357766	0.370671	0.488023	0.274727	0.501546	0.585584	0.389546	0.532064	0.803875
0.315355	0.352498	0.295914	0.303651	0.275197	0.491065	0.430205	0.445479	0.478652	0.764853
0.255985	0.16426	0.285101	0.219481	0.299873	0.413901	0.394132	0.510511	0.696549	0.62774
0.405613	0.338191	0.384484	0.383068	0.365882	0.379917	0.449074	0.363777	0.612225	0.621257
0.395379	0.335386	0.374829	0.463876	0.372893	0.347828	0.483239	0.554243	0.523537	0.543853
0.407559	0.312508	0.299412	0.376416	0.357843	0.416577	0.456276	0.403985	0.502119	0.551092
0.378637	0.399778	0.298409	0.419271	0.360124	0.352435	0.326111	0.391403	0.430413	0.489117
0.409514	0.45211	0.311106	0.351915	0.305889	0.265617	0.320763	0.331277	0.476373	0.42318
0.430246	0.536669	0.380838	0.498229	0.412973	0.342137	0.512814	0.416285	0.521851	0.445495
0.324924	0.403688	0.297909	0.508682	0.433474	0.347255	0.501385	0.407831	0.534655	0.484396
0.279059	0.408957	0.325249	0.505439	0.399616	0.428138	0.481696	0.337804	0.529488	0.448366
0.25097	0.60488	0.377823	0.507057	0.39899	0.373793	0.479393	0.409767	0.385154	0.542061
0.340798	0.484775	0.426752	0.501419	0.404656	0.333738	0.614916	0.478291	0.515174	0.3571
0.427515	0.52874	0.42945	0.501419	0.538705	0.267042	0.560871	0.445479	0.433833	0.44478
0.452739	0.426534	0.336031	0.456597	0.631681	0.540809	0.604576	0.366111	0.447792	0.468264
0.337466	0.437008	0.391869	0.593815	0.471674	0.411905	0.44199	0.411063	0.379057	0.510191
0.570523	0.611167	0.587746	0.604844	0.479133	0.253925	0.557191	0.500831	0.538134	0.448366
0.693259	0.78859	0.604636	0.71787	0.446535	0.206333	0.4688	0.563359	0.514346	0.510191
0.712507	1.096858	0.699353	0.974272	0.789808	0.434385	0.408854	0.431656	0.600979	0.389827
0.739575	1.347684	1.002049	0.951126	0.707388	0.62319	0.499777	0.294542	0.496529	0.439808
1.077776	1.039912	0.984693	0.838579	0.786742	0.612523	0.508698	0.498444	0.423651	0.613813
1.198148	2.095826	0.703149	0.826571	1.115654	0.719517	0.760191	0.686031	0.575501	0.45563

1.318521	1.539953	1.113963	1.557626	2.027829	0.957702	0.819639	0.641914	0.651209	0.647792
1.012227	1.377652	2.208198	1.809777	1.022224	0.854382	0.965741	0.456143	0.763009	0.718188
1.302916	1.436782	2.808634	2.250087	1.482243	1.009684	1.357713	0.839852	0.794933	0.73878
1.2367	1.109972	0.636145	1.180278	2.875061	1.059799	1.542456	1.641253	0.850381	0.50115
0.897882	0.936641	0.629657	1.21197	1.286892	1.351602	0.984935	1.167081	1.000962	0.604427
0.594846	0.78859	1.012288	1.531126	1.222182	1.434078	1.068534	0.866791	1.288711	0.810458
0.668854	0.809742	0.891042	0.94	0.627427	0.976778	0.982489	0.91994	1.314021	1.073533
0.687028	0.910638	0.608707	0.742254	0.524279	0.651063	1.053914	1.589366	1.393912	0.753071
0.807454	0.698557	0.574313	1.069592	0.917669	1.155118	1.870524	1.015595	1.103408	0.763362
0.719118	0.520954	0.581938	0.806727	1.122218	1.099965	1.115602	0.811215	1.461569	1.199567
0.563949	0.486355	0.479616	0.568809	0.513561	0.852547	0.683954	0.611025	0.986013	0.990781
0.666487	0.524397	0.630732	0.582094	0.539569	0.72631	0.608683	0.50807	0.536391	0.622331
0.667669	0.555753	0.432848	0.521901	0.406561	0.714158	0.751506	0.737887	0.457112	0.353032
0.672429	0.43419	0.55401	0.52527	0.433474	0.788003	0.520323	0.449714	0.447792	0.432107
0.539488	0.538451	0.751502	0.790857	0.550956	0.740224	0.460655	0.546198	0.468863	0.514363
0.499942	0.453576	0.595612	0.522741	0.794447	0.607286	0.403677	0.409121	0.434521	0.493091
0.591854	0.58955	0.594621	0.443795	0.496789	0.519882	0.597482	0.518746	0.307236	0.477409
0.657147	0.464732	0.650542	0.749277	0.711222	0.627531	0.554451	0.590934	0.39572	0.523687
0.493555	0.372134	0.658497	0.590855	0.615937	0.615695	0.464339	0.663413	0.330423	0.613813
0.502361	0.536669	0.730697	0.658839	0.645803	0.362983	0.508698	0.857625	0.423651	0.576457
0.824095	0.684586	0.587746	0.570682	0.687492	0.34955	0.606625	0.74343	0.555052	0.802245
0.897882	0.565144	0.549525	0.429321	0.637058	0.435085	0.745811	0.585083	0.560534	0.753071
0.758119	0.629491	0.671299	0.47957	0.741798	0.655693	0.733264	0.64302	0.63563	0.601342
0.495939	0.520097	0.77485	0.530372	0.671972	0.62319	0.545442	0.804742	0.763009	0.710218
0.392229	0.451379	0.527771	0.765141	0.694846	0.353014	0.588528	0.677561	0.672097	0.731807
0.382916	0.495963	0.555817	0.580171	0.625315	0.720867	0.871203	0.719025	0.893692	0.832566
0.50888	0.397191	0.416778	0.349652	0.708662	0.661552	0.668293	0.353997	0.599971	0.880477
0.395379	0.455047	0.515222	0.385512	0.590903	0.348975	0.510339	0.335073	0.437974	0.941004
0.265724	0.447017	0.448827	0.241346	0.454281	0.355922	0.655469	0.346104	0.397611	0.567837
0.139966	0.195937	0.370671	0.380032	0.436874	0.253925	0.300512	0.280388	0.382095	0.315915
0.173909	0.153457	0.1869	0.37822	0.329754	0.138334	0.146632	0.227553	0.210975	0.311688
0.471159	0.252166	0.272189	0.232209	0.041529	0.123047	0.114067	0.197176	0.231603	0.221767
0.522218	0.506616	0.353858	0.34127	0.183523	0.225353	0.133312	0.166563	0.213035	0.262992
0.279543	0.517537	0.526076	0.556825	0.462166	0.398182	0.280679	0.252942	0.271776	0.303355
0.334708	0.484775	0.70188	0.808347	0.56908	0.551664	0.682729	0.427593	0.222642	0.360617
0.28197	0.263393	0.57337	0.543398	0.333504	0.489474	0.598489	0.374379	0.054553	0.334354
0.238899	0.230109	0.321538	0.368684	0.439612	0.472354	0.430205	0.397648	0.134289	0.053138
0.625954	0.45211	0.343185	0.35362	0.323401	0.325499	0.342004	0.338902	0.275576	0.081903
0.226055	1.597332	0.584832	0.47957	0.273788	0.299623	0.29597	0.384635	0.384541	0.222622
0	0.113027	2.298249	1.187987	0.570007	0.42334	0.347057	0.223322	0.325578	0.282705
0	0	0	0	0.21167	1.133607	0.811337	0.512965	0.381486	0.333801
0	0	0	0	0	0	0	0.190743	1.184313	0.861419
0	0	0	0	0	0	0	0	0	0.187811
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0	0	0	0	0	0	0	0	0	0

260	261	262	263	264	265	266	267	268	269
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0	0	0	0	0.409491	1.666157	1.300241	1.732204	1.311855	0.708048
1.855252	0.831512	1.578419	0.963987	0.915714	0.818983	0.737704	0.804695	0.695491	0.720604
0.906886	0.819098	0.843927	0.543842	0.594291	1.081723	0.829445	0.812748	0.586463	0.601337
0.664276	0.55184	0.583901	0.636528	0.531347	0.876031	0.715837	0.871866	0.64586	0.591423
0.580056	0.564851	0.369735	0.43628	0.447026	0.637336	0.352139	0.530114	0.592347	0.557497
0.310825	0.660498	0.449519	0.428642	0.451305	0.581682	0.364425	0.464886	0.427563	0.514384
0.572274	0.481034	0.346473	0.375575	0.449874	0.425705	0.523115	0.509416	0.500185	0.421611
0.4489	0.346929	0.451678	0.396158	0.416212	0.411094	0.318837	0.41399	0.446902	0.418309
0.564629	0.430432	0.403902	0.412428	0.491053	0.32222	0.185542	0.391848	0.505003	0.593388
0.512056	0.528666	0.619564	0.808792	0.512792	0.241795	0.053376	0.047186	0.276717	0.475167
0.405433	0.42836	0.519472	0.75161	0.682328	0.319567	0.023951	-0.06951	-0.14411	0.159057
0.666666	0.544577	0.666627	0.734573	0.529627	0.628627	0.607832	0.403094	0.086834	0.275498
0.329159	0.503378	0.540199	0.509351	0.558917	0.537568	0.778839	0.70529	0.475358	0.516029
0.366523	0.539208	0.537553	0.511012	0.534808	0.455767	0.385709	0.543898	0.538561	0.484261

0.725604	0.492062	0.591799	0.551082	0.313133	0.426381	0.305681	0.483523	0.27863	0.448268
0.412716	0.308159	0.573272	0.446201	0.368674	0.482641	0.330753	0.350128	0.338687	0.327772
0.46592	0.412796	0.470853	0.415756	0.30795	0.42503	0.474616	0.491208	0.475358	0.441276
0.416067	0.372817	0.488552	0.510181	0.395558	0.478807	0.504697	0.423172	0.359549	0.372162
0.479721	0.327385	0.411728	0.293149	0.442789	0.460864	0.362058	0.486581	0.489148	0.469208
0.457697	0.422883	0.520316	0.292645	0.451305	0.487286	0.395797	0.427168	0.426214	0.390283
0.586982	0.499302	0.511119	0.393611	0.397454	0.463803	0.433768	0.553635	0.588416	0.453945
0.49317	0.453169	0.513608	0.441921	0.480195	0.609648	0.481554	0.470024	0.598311	0.409194
0.538885	0.537433	0.649227	0.475094	0.625252	0.476524	0.507163	0.547413	0.51233	0.390283
0.431825	0.509148	0.560109	0.313258	0.558917	0.503947	0.415367	0.672305	0.407757	0.352499
0.274865	0.433209	0.494084	0.397437	0.416212	0.637336	0.556892	0.638373	0.529071	0.339685
0.458438	0.389502	0.415694	0.424531	0.3669	0.552684	0.377681	0.417901	0.392537	0.329914
0.45401	0.478707	0.561966	0.40781	0.3669	0.41569	0.391986	0.43391	0.414259	0.267987
0.37501	0.396488	0.415694	0.354761	0.466622	0.412402	0.405472	0.480487	0.29276	0.45466
0.364129	0.393299	0.362037	0.362967	0.442789	0.299411	0.438669	0.463429	0.277195	0.295858
0.352932	0.422203	0.391792	0.404542	0.3943	0.328655	0.268923	0.425832	0.421526	0.357618
0.489968	0.358505	0.45822	0.394246	0.347851	0.382044	0.315113	0.386333	0.403262	0.461146
0.432523	0.417474	0.580006	0.569727	0.36631	0.266828	0.428234	0.478977	0.380856	0.442665
0.403468	0.456096	0.445232	0.381093	0.338355	0.403968	0.582595	0.459808	0.459077	0.424271
0.406748	0.442362	0.343088	0.334344	0.446317	0.429777	0.458844	0.455502	0.464927	0.537133
0.357611	0.546382	0.421712	0.365341	0.478665	0.507195	0.550469	0.530114	0.42286	0.457531
0.419444	0.541884	0.496477	0.568776	0.325293	0.381434	0.54414	0.380285	0.347586	0.548526
0.393135	0.444502	0.465606	0.527117	0.340016	0.284519	0.476148	0.354068	0.425542	0.456093
0.458438	0.404892	0.301847	0.394246	0.319964	0.372976	0.378293	0.339065	0.277673	0.425607
0.345434	0.465	0.387415	0.42249	0.383131	0.336834	0.351562	0.31775	0.437125	0.551198
0.44385	0.343516	0.330354	0.411103	0.378865	0.379607	0.369199	0.369608	0.476113	0.458251
0.431825	0.310779	0.389911	0.440504	0.29177	0.413057	0.370401	0.420529	0.603344	0.419627
0.478942	0.301935	0.370333	0.365936	0.266698	0.470491	0.383843	0.42251	0.427563	0.320883
0.40939	0.26969	0.345907	0.521966	0.447026	0.570226	0.384464	0.399313	0.492273	0.428966
0.467432	0.403588	0.432622	0.49388	0.303848	0.36234	0.449361	0.458368	0.484503	0.37932
0.512896	0.405545	0.513608	0.375575	0.350116	0.38388	0.440786	0.445618	0.391915	0.326173
0.430431	0.345219	0.426452	0.322324	0.444903	0.534086	0.384464	0.470763	0.419532	0.386598
0.443133	0.217496	0.419027	0.415756	0.46514	0.437343	0.233277	0.297929	0.374832	0.407266
0.515426	0.395848	0.549136	0.642119	0.398087	0.396326	0.309847	0.449826	0.547372	0.390283
0.47739	0.274015	0.519472	0.439797	0.507866	0.616931	0.428922	0.613015	0.558186	0.380525
0.562739	0.473325	0.594797	0.331583	0.444903	0.641757	0.461805	0.513477	0.558186	0.448974
0.542471	0.362631	0.311143	0.282203	0.515276	0.548183	0.356779	0.449122	0.450447	0.523509
0.506221	0.276436	0.427815	0.454157	0.517774	0.536695	0.34019	0.511036	0.493844	0.524348
0.47739	0.484156	0.568525	0.400008	0.44916	0.440826	0.228911	0.399313	0.412298	0.47069
0.458438	0.565795	0.636897	0.353022	0.396189	0.398858	0.410721	0.43459	0.37603	0.503842
0.412049	0.550013	0.430556	0.318034	0.463662	0.409789	0.44792	0.478977	0.459077	0.541479
0.371352	0.383869	0.491705	0.34842	0.487143	0.41569	0.367403	0.40183	0.460532	0.595362
0.386799	0.499302	0.542861	0.275378	0.433061	0.358272	0.54414	0.512662	0.370664	0.460421
0.513738	0.479481	0.443105	0.446201	0.489485	0.517919	0.545038	0.488117	0.523981	0.625037
0.457697	0.565795	0.394314	0.449799	0.471099	0.49514	0.539675	0.345115	0.441986	0.559314
0.391224	0.557369	0.419697	0.558444	0.536548	0.418338	0.467786	0.385116	0.441288	0.476669
0.393773	0.654659	0.540199	0.625558	0.428277	0.298402	0.503878	0.327213	0.492273	0.383551

0.420123	0.644342	0.362037	0.504406	0.459991	0.452881	0.645824	0.388164	0.381463	0.419627
0.388059	0.509978	0.389285	0.411765	0.52197	0.54908	0.532625	0.360906	0.552745	0.507867
0.543372	0.485726	0.500495	0.537605	0.47411	0.624337	0.495773	0.364366	0.606392	0.574129
0.481281	0.468764	0.454573	0.699802	0.410303	0.534954	0.442914	0.467815	0.561852	0.489655
0.551566	0.516681	0.349883	0.475861	0.323687	0.557232	0.554127	0.473732	0.386965	0.355335
0.552487	0.564851	0.466352	0.523677	0.401908	0.536695	0.547745	0.456932	0.456182	0.422275
0.497207	0.698569	0.536675	0.519414	0.539172	0.462331	0.450083	0.490433	0.572095	0.534545
0.571311	0.414795	0.508644	0.474329	0.410956	0.609648	0.442204	0.470763	0.455461	0.395871
0.399564	0.377694	0.555504	0.438387	0.339462	0.682488	0.476916	0.511036	0.417547	0.355905
0.40939	0.42017	0.411728	0.410443	0.37105	0.591464	0.428922	0.437321	0.296241	0.312552
0.440278	0.491265	0.433313	0.477398	0.343916	0.41503	0.408089	0.521716	0.45116	0.490432
0.549732	0.592103	0.628144	0.504406	0.364546	0.423684	0.436562	0.508608	0.414915	0.537998
0.593007	0.466502	0.596808	0.534959	0.478665	0.532356	0.46854	0.476721	0.424199	0.692499
0.538885	0.458305	0.669	0.463007	0.517774	0.576872	0.630226	0.533519	0.349275	0.544988
0.615844	0.34465	0.477693	0.279265	0.507866	0.478045	0.417374	0.495885	0.353241	0.511113
0.523106	0.395848	0.544645	0.386057	0.540931	0.515421	0.344137	0.507802	0.471604	0.607396
0.433923	0.406199	0.629229	0.494681	0.536548	0.442929	0.290402	0.560856	0.449736	0.699986
0.414053	0.517526	0.629229	0.427954	0.506236	0.405255	0.370401	0.464157	0.441986	0.629294
0.450354	0.425613	0.592796	0.324485	0.55435	0.488065	0.455172	0.437321	0.439201	0.522671
0.559919	0.486513	0.676199	0.506048	0.655138	0.665734	0.603694	0.466348	0.431635	0.673145
0.509546	0.426298	0.621694	0.512679	0.548036	0.427058	0.445052	0.69278	0.578741	0.655751
0.384916	0.555518	0.546436	0.432097	0.61573	0.414372	0.529143	0.673483	0.482199	0.510299
0.387428	0.587109	0.564765	0.48674	0.497381	0.30398	0.507988	0.481244	0.558186	0.64564
0.426279	0.598172	0.441693	0.318568	0.498179	0.398224	0.561538	0.420529	0.489148	0.600336
0.408728	0.547287	0.555504	0.448356	0.620994	0.546396	0.552294	0.408188	0.499388	0.691264
0.349455	0.436005	0.518629	0.485169	0.509502	0.391305	0.57675	0.456932	0.533359	0.642321
0.356437	0.321419	0.3309	0.568776	0.54983	0.31693	0.516327	0.43938	0.483733	0.395246
0.433222	0.540098	0.454573	0.508523	0.531347	0.427058	0.571939	0.441449	0.518116	0.37932
0.539779	0.634264	0.443813	0.551082	0.605389	0.540197	0.507163	0.349568	0.398814	0.423605
0.42559	0.613726	0.502924	0.48049	0.43929	0.429096	0.443626	0.315158	0.557275	0.508676
0.503744	0.647754	0.470853	0.482823	0.472602	0.514591	0.618352	0.432553	0.567409	0.488881
0.492367	0.514996	0.502924	0.625558	0.477903	0.613795	0.664365	0.551848	0.649223	0.397749
0.426279	0.383869	0.430556	0.48674	0.365133	0.500724	0.455904	0.455502	0.439201	0.341887
0.574207	0.362039	0.431932	0.51772	0.3893	0.50638	0.405472	0.385724	0.461992	0.306407
0.599117	0.6535	0.583901	0.576447	0.551633	0.445042	0.42413	0.363787	0.598311	0.532829
0.408728	0.662857	0.599842	0.61275	0.403189	0.580715	0.607832	0.589057	0.550947	0.430316
0.315603	0.550926	0.489338	0.729039	0.403189	0.574011	0.541455	0.648277	0.533359	0.430316
0.593007	0.474856	0.472364	0.595228	0.477142	0.548183	0.450806	0.544774	0.518116	0.552988
0.589984	0.446653	0.340288	0.506871	0.409001	0.68371	0.452984	0.454788	0.595318	0.58752
0.562739	0.43741	0.464862	0.610652	0.506236	0.661064	0.503061	0.475972	0.726625	0.524348
0.68502	0.577291	0.704958	0.734573	0.497381	0.697381	0.594526	0.528421	0.61049	0.51768
0.496396	0.465	0.744163	0.586231	0.640492	0.72474	0.535255	0.622352	0.523138	0.47069
0.558049	0.408826	0.580977	0.527117	0.539172	0.73979	0.446484	0.54128	0.523981	0.484261
0.558049	0.470279	0.527129	0.484386	0.481729	0.481103	0.349838	0.580402	0.65035	0.578864
0.724234	0.689676	0.47464	0.491487	0.396821	0.580715	0.53088	0.603875	0.708193	0.534545
0.642207	0.393299	0.463377	0.525393	0.463662	0.687396	0.527412	0.591004	0.53682	0.525188
0.659536	0.310779	0.520316	0.516034	0.574813	0.735634	0.498189	0.595909	0.386965	0.503842

0.650208	0.306075	0.454573	0.39171	0.449874	0.628627	0.359704	0.402462	0.53682	0.576017
0.577122	0.404239	0.608037	0.472041	0.457076	0.558147	0.381368	0.558134	0.455461	0.664941
0.638823	0.603295	0.661918	0.487527	0.556171	0.627551	0.552294	0.664147	0.461262	0.636846
0.609495	0.737484	0.618504	0.475094	0.595288	0.565541	0.621558	0.675849	0.560933	0.551198
0.378698	0.372211	0.387415	0.465248	0.703578	0.68127	0.714506	0.487348	0.441288	0.485796
0.347727	0.419494	0.620628	0.520263	0.739623	0.541959	0.535255	0.527578	0.518116	0.721926
0.488376	0.414795	0.653799	0.460037	0.669112	0.561828	0.520557	0.773899	0.705623	0.708886
0.424217	0.42836	0.373334	0.315905	0.673871	0.617981	0.722553	0.613015	0.566478	0.698729
0.530924	0.568641	0.423737	0.4675	0.53221	0.521273	0.751952	0.571917	0.440591	0.632514
0.525696	0.554596	0.476927	0.527117	0.612601	0.489628	0.593519	0.435953	0.439896	0.511113
0.485208	0.644342	0.60392	0.615917	0.51694	0.360011	0.586535	0.558134	0.609462	0.47969
0.616911	0.623334	0.561966	0.416425	0.512792	0.438732	0.83467	0.577556	0.634834	0.550305
0.595034	0.68592	0.619564	0.546543	0.769885	0.751073	0.740517	0.470763	0.754392	0.800028
0.530924	0.748863	0.42104	0.605449	0.575766	0.68371	0.807501	0.375507	0.745874	0.736737
0.497207	0.61797	0.394314	0.70238	0.509502	0.534086	0.676368	0.48966	0.827616	0.70251
0.554333	0.75907	0.555504	0.633208	0.456351	0.365856	0.636843	0.507802	0.764546	0.467731
0.538885	0.578263	0.406495	0.639874	0.390545	0.396958	0.572897	0.421188	0.601324	0.516029
0.489171	0.533027	0.422386	0.643245	0.484041	0.596439	0.600616	0.40947	0.524825	0.519337
0.695136	0.692199	0.527988	0.623397	0.641601	0.783702	0.577719	0.595909	0.467882	0.629294
0.558049	0.679731	0.664266	0.718178	0.486366	0.649603	0.488605	0.666462	0.689276	0.793736
0.563683	0.441651	0.66309	0.792581	0.459991	0.710195	0.547745	0.621304	0.518116	0.483496
0.718796	0.585128	0.538434	0.644375	0.629552	0.550878	0.606793	0.540411	0.635925	0.605367
0.900681	0.605361	0.66309	0.68589	0.641601	0.626477	0.602666	0.687875	0.643632	0.648984
0.597071	0.561094	0.73994	0.525393	0.590325	0.691114	0.455172	0.72476	0.690512	0.714055
0.438858	0.372211	0.699817	0.473565	0.619936	0.636238	0.586535	0.778381	0.42487	0.647867
0.68502	0.456831	0.674991	0.561238	0.552536	0.72474	0.426862	0.588087	0.417547	0.469949
0.740967	0.45244	0.653799	0.666418	0.510322	0.625406	0.360291	0.59198	0.57588	0.48197
0.626635	0.568641	0.55734	0.483604	0.548932	0.530632	0.302582	0.619217	0.744471	0.746432
0.569392	0.69601	0.731613	0.466748	0.620994	0.623272	0.42345	0.577556	0.734771	0.803209
0.576148	0.391396	0.593796	0.479715	0.507866	0.746807	0.573857	0.745142	0.534221	0.750654
0.49478	0.313944	0.498884	0.460778	0.529627	0.779105	0.743347	0.636202	0.596314	0.591423
0.491566	0.42974	0.673786	0.595228	0.620994	0.656443	0.695019	0.804695	0.710779	0.590444
0.436736	0.596139	0.760012	0.506048	0.749478	0.684935	0.551381	0.834413	0.591361	0.605367
0.533561	0.76203	0.819693	0.49388	0.611564	0.452881	0.314054	0.547413	0.379644	0.524348
0.501281	0.620107	0.584881	0.429331	0.664404	0.49514	0.485457	0.648277	0.426888	0.487335
0.296797	0.553675	0.555504	0.400008	0.664404	0.656443	0.555968	0.643847	0.424199	0.616646
0.270994	0.582173	0.682291	0.558444	0.612601	0.611717	0.847113	0.855417	0.463457	0.576964
0.500463	0.684675	0.577107	0.659336	0.690952	0.486508	0.880848	0.841302	0.692994	0.605367
0.45918	0.549102	0.44737	0.351867	0.463662	0.587525	0.86931	0.700243	0.844926	0.620821
0.45918	0.500928	0.415694	0.384188	0.556171	0.556319	0.797735	0.537814	0.595318	0.661472
0.519676	0.581192	0.389911	0.542051	0.650579	0.503947	0.756319	0.691548	0.755828	0.652355
0.495588	0.678504	0.401324	0.540267	0.529627	0.481871	0.781932	0.716867	0.727972	0.760668
0.565578	0.70634	0.454573	0.66523	0.514446	0.559984	0.607832	0.580402	0.809339	0.531119
0.485998	0.47409	0.418359	0.633208	0.551633	0.650736	0.64131	0.398686	0.779476	0.64564
0.384916	0.577291	0.552763	0.66761	0.506236	0.477284	0.44792	0.410113	0.708193	0.687579
0.529174	0.737484	0.534051	0.726298	0.53221	0.512112	0.505517	0.495885	0.618804	0.64122
0.489968	0.799231	0.618504	0.761867	0.44916	0.614838	0.615169	0.551848	0.598311	0.451807

0.576148	0.579237	0.458953	0.398721	0.432374	0.664562	0.524828	0.419213	0.564622	0.402164
0.562739	0.523489	0.526272	0.711526	0.53394	0.49514	0.372814	0.595909	0.585491	0.465525
0.456957	0.714251	0.585862	0.659336	0.61888	0.46825	0.425494	0.459087	0.595318	0.414379
0.413384	0.609524	0.527129	0.523677	0.458531	0.425705	0.622632	0.420529	0.664105	0.462601
0.588981	0.476392	0.517788	0.541158	0.353536	0.574962	0.574819	0.407548	0.478385	0.370391
0.692585	0.504197	0.413706	0.408467	0.433748	0.564609	0.424811	0.520885	0.489928	0.437821
0.569392	0.527799	0.410414	0.536721	0.511967	0.612754	0.356779	0.482002	0.488371	0.453945
0.658359	0.450986	0.531442	0.619107	0.43651	0.627551	0.510473	0.540411	0.699263	0.435761
0.748134	0.55184	0.672585	0.541158	0.385589	0.711497	0.568128	0.616105	0.744471	0.420949
0.584992	0.46575	0.629229	0.493081	0.529627	0.675229	0.640189	0.694015	0.562773	0.430316
0.595034	0.309729	0.443813	0.530585	0.548036	0.682488	0.331302	0.525895	0.470111	0.542354
0.512896	0.313944	0.494881	0.734573	0.493415	0.540197	0.403519	0.603875	0.434371	0.54323
0.841274	0.570548	0.572318	0.687137	0.478665	0.611717	0.490188	0.740989	0.509874	0.705049
0.647907	0.639834	0.791976	0.62773	0.570077	0.748224	0.502245	0.649392	0.754392	0.655751
0.547905	0.577291	0.682291	0.457087	0.556171	0.680055	0.618352	0.538678	0.390052	0.616646
0.609495	0.526933	0.571367	0.498706	0.633895	0.534086	0.56718	0.54128	0.441288	0.529417
0.692585	0.509978	0.689716	0.399364	0.460723	0.430459	0.42413	0.563595	0.479906	0.619774
0.577122	0.456096	0.544645	0.425897	0.447026	0.325426	0.275159	0.600871	0.565549	0.608414
0.396981	0.530405	0.584881	0.405847	0.460723	0.557232	0.510473	0.614043	0.64586	0.609435
0.352932	0.443788	0.444522	0.527117	0.584443	0.503139	0.623709	0.527578	0.429595	0.519337
0.444568	0.438819	0.555504	0.489107	0.694702	0.410441	0.505517	0.478977	0.335397	0.465525
0.591997	0.530405	0.674991	0.4527	0.590325	0.403968	0.426862	0.575668	0.456182	0.597345
0.692585	0.599192	0.687227	0.471281	0.650579	0.450014	0.570983	0.575668	0.322479	0.523509
0.620128	0.676059	0.577107	0.456353	0.683549	0.54908	0.618352	0.6069	0.660625	0.86669
0.467432	0.594116	0.518629	0.471281	0.585418	0.488065	0.683733	0.436637	0.62728	0.841567
0.499647	0.558297	0.582924	0.671205	0.540051	0.458672	0.501431	0.431201	0.672334	0.667269
0.481281	0.6535	0.722097	0.497898	0.503803	0.52806	0.603694	0.471504	0.418208	0.430316
0.565578	0.616905	0.679844	0.558444	0.823844	0.687396	0.66555	0.43938	0.481433	0.458251
0.540674	0.76651	0.497278	0.513516	0.686003	0.59544	0.64131	0.640554	0.667612	0.759224
0.475843	0.540991	0.483865	0.556592	0.655138	0.503947	0.623709	0.515113	0.590377	0.746432
0.450354	0.577291	0.58882	0.525393	0.671485	0.490411	0.512137	0.43459	0.523138	0.490432
0.339189	0.544577	0.595802	0.51772	0.650579	0.546396	0.669126	0.560856	0.591361	0.500649
0.581039	0.560159	0.469347	0.489899	0.693448	0.748224	0.71318	0.522549	0.505811	0.610458
0.594019	0.769522	0.490125	0.487527	0.557999	0.605541	0.645824	0.363209	0.585491	0.591423
0.433222	0.694736	0.529712	0.65352	0.494205	0.435957	0.777301	0.421849	0.476869	0.504644
0.440278	0.819098	0.561966	0.633208	0.540051	0.421003	0.615169	0.425832	0.64586	0.434394
0.491566	0.650043	0.445944	0.477398	0.48559	0.457217	0.644691	0.499031	0.51151	0.47969
0.473533	0.55184	0.454573	0.519414	0.512792	0.605541	0.566235	0.423172	0.641416	0.552988
0.424903	0.555518	0.530576	0.555669	0.47035	0.63296	0.502245	0.444224	0.665271	0.476669
0.489171	0.689676	0.68847	0.560305	0.372841	0.580715	0.669126	0.64495	0.61049	0.488107
0.546995	0.543678	0.337506	0.511845	0.379472	0.627551	0.680035	0.69032	0.673523	0.468469
0.604275	0.550926	0.450237	0.643245	0.376445	0.69236	0.582595	0.572852	0.653748	0.525188
0.844871	0.552757	0.551854	0.659336	0.569136	0.697381	0.317769	0.544774	0.686815	0.588493
0.574207	0.509978	0.502924	0.425897	0.428277	0.609648	0.311946	0.459087	0.573983	0.531973
0.50788	0.351523	0.550946	0.439797	0.410956	0.464541	0.306718	0.544774	0.530781	0.629294
0.646761	0.523489	0.648092	0.551082	0.531347	0.675229	0.351562	0.551848	0.457627	0.487335
0.515426	0.505841	0.613239	0.603386	0.479429	0.703741	0.595535	0.506194	0.357819	0.537998

0.58798	0.389502	0.402611	0.454157	0.564461	0.675229	0.526549	0.653879	0.528218	0.472177
0.615844	0.492062	0.575185	0.412428	0.547141	0.501528	0.406124	0.553635	0.493844	0.444059
0.700283	0.600214	0.767412	0.578386	0.632805	0.616931	0.534377	0.573789	0.455461	0.568514
0.795423	0.67728	0.762957	0.655837	0.590325	0.818983	0.71318	0.655008	0.412951	0.502243
0.739548	0.499302	0.760012	0.73877	0.644946	0.80259	0.598576	0.806294	0.631581	0.576964
0.561797	0.582173	0.692219	0.629913	0.71264	0.575916	0.534377	0.781396	0.667612	0.568514
0.531801	0.501743	0.612194	0.34842	0.527914	0.398858	0.570029	0.662994	0.479906	0.56389
0.578098	0.505841	0.49329	0.443343	0.374639	0.373575	0.565291	0.646056	0.515627	0.604356
0.660716	0.588103	0.617446	0.492283	0.585418	0.500724	0.555047	0.553635	0.398182	0.592405
0.485998	0.566742	0.896872	0.498706	0.590325	0.55178	0.417374	0.628689	0.449736	0.696226
0.387428	0.572464	0.693476	0.496287	0.716582	0.535823	0.463292	0.599874	0.521458	0.683925
0.462911	0.644342	0.521162	0.50114	0.715264	0.629706	0.660828	0.472245	0.585491	0.562971
0.404777	0.566742	0.55734	0.434881	0.613642	0.547289	0.688712	0.46855	0.546483	0.720604
0.502921	0.53832	0.738541	0.508523	0.707438	0.477284	0.559674	0.495885	0.492273	0.792177
0.407407	0.612672	0.698542	0.553828	0.637181	0.476524	0.562473	0.596897	0.628351	0.608414
0.395053	0.588103	0.467847	0.432792	0.502995	0.409139	0.480003	0.602871	0.5591	0.575072
0.602205	0.820795	0.538434	0.460778	0.539172	0.596439	0.747628	0.462702	0.430954	0.551198
0.563683	0.635372	0.476164	0.444056	0.681109	0.663393	0.751952	0.466348	0.555457	0.535406
0.49317	0.5911	0.513608	0.536721	0.679895	0.492769	0.548651	0.475972	0.454741	0.568514
0.486789	0.577291	0.494084	0.4065	0.508683	0.432513	0.624788	0.421188	0.377833	0.580773
0.53268	0.648897	0.437483	0.499516	0.365133	0.311184	0.605758	0.497455	0.49149	0.448974
0.356437	0.610571	0.458953	0.354761	0.312612	0.321157	0.64131	0.436637	0.594326	0.412427
0.53268	0.622256	0.376963	0.554748	0.682328	0.573062	0.51886	0.403094	0.523981	0.327238
0.469709	0.638714	0.479997	0.610652	0.812174	0.636238	0.57675	0.464886	0.674714	0.435077
0.635465	0.500114	0.492496	0.712848	0.446317	0.477284	0.560605	0.558134	0.777959	0.707603
0.585986	0.659324	0.454573	0.465248	0.27809	0.483412	0.517169	0.42918	0.714687	0.409194
0.473533	0.492062	0.464119	0.557517	0.415552	0.566474	0.487816	0.382694	0.513976	0.447564
0.647907	0.529535	0.433313	0.718178	0.59729	0.568346	0.465533	0.520885	0.51233	0.426948
0.611601	0.577291	0.292746	0.450523	0.37344	0.507195	0.461063	0.490433	0.66644	0.390901
0.489968	0.326839	0.432622	0.585242	0.457803	0.522116	0.583577	0.506997	0.426214	0.354767
0.549732	0.378922	0.422386	0.478169	0.530486	0.531493	0.49417	0.569125	0.480669	0.458973
0.659536	0.434605	0.529712	0.755976	0.605389	0.777584	0.456637	0.544774	0.497003	0.446861
0.778048	0.533027	0.507002	0.625558	0.510322	0.645102	0.433768	0.550958	0.61671	0.544108
0.533561	0.516681	0.692219	0.520263	0.512792	0.711497	0.499806	0.55274	0.57588	0.417651
0.657185	0.478707	0.698542	0.376185	0.49579	0.630788	0.506339	0.643847	0.473102	0.562054
0.482064	0.365006	0.553675	0.508523	0.4644	0.645102	0.452984	0.630823	0.571154	0.746432
0.408728	0.300907	0.646959	0.512679	0.566325	0.55359	0.512137	0.588087	0.596314	0.647867
0.583011	0.455363	0.681066	0.457823	0.525357	0.572114	0.513808	0.516754	0.529925	0.495118
0.708121	0.550926	0.612194	0.30958	0.452741	0.572114	0.512972	0.556329	0.426214	0.707603
0.547905	0.555518	0.61639	0.384188	0.513618	0.720725	0.743347	0.651629	0.319835	0.520168
0.462163	0.420846	0.579038	0.493081	0.590325	0.417012	0.532625	0.525895	0.3839	0.552988
0.528302	0.576322	0.728873	0.460778	0.499778	0.371782	0.369799	0.570985	0.557275	0.765032
0.74382	0.708961	0.622762	0.479715	0.633895	0.523806	0.473089	0.60187	0.547372	0.625037
0.549732	0.622256	0.605974	0.521114	0.634987	0.616931	0.633522	0.411401	0.508244	0.720604
0.346579	0.511644	0.579038	0.624476	0.629552	0.485732	0.691224	0.483523	0.573038	0.652355
0.339189	0.55184	0.690966	0.621247	0.669112	0.523806	0.589515	0.31361	0.567409	0.615609
0.384916	0.531278	0.526272	0.566879	0.634987	0.476524	0.775768	0.485049	0.568342	0.445458

0.463662	0.54278	0.460423	0.522821	0.585418	0.452163	0.657319	0.525895	0.470111	0.359913
0.521388	0.668808	0.440988	0.431404	0.58347	0.643984	0.687462	0.432553	0.563696	0.542354
0.503744	0.493661	0.388037	0.602358	0.463662	0.529773	0.577719	0.367853	0.557275	0.618729
0.505394	0.505841	0.433313	0.623397	0.466622	0.473497	0.537902	0.514294	0.721279	0.456811
0.6074	0.52607	0.461159	0.626643	0.588355	0.525502	0.74477	0.677037	0.61671	0.516854
0.628825	0.716921	0.330354	0.567826	0.509502	0.528915	0.59756	0.586153	0.692994	0.390283
0.520531	0.487301	0.315867	0.434881	0.442087	0.569285	0.765188	0.504592	0.706906	0.504644
0.432523	0.531278	0.444522	0.585242	0.304359	0.601472	0.556892	0.412047	0.642523	0.613541
0.50788	0.687169	0.592796	0.544741	0.401908	0.445749	0.426177	0.333098	0.538561	0.390901
0.432523	0.440233	0.394314	0.622321	0.422873	0.628627	0.569077	0.481244	0.635925	0.409839
0.46819	0.377082	0.301336	0.541158	0.430321	0.69612	0.736305	0.530963	0.624082	0.671963
0.485998	0.426984	0.338061	0.475861	0.404474	0.642869	0.503878	0.474477	0.498591	0.516029
0.478942	0.440233	0.556421	0.511845	0.43651	0.483412	0.54414	0.619217	0.591361	0.49355
0.627729	0.469521	0.519472	0.588214	0.428277	0.537568	0.56718	0.598879	0.595318	0.49355
0.605314	0.598172	0.56947	0.603386	0.491839	0.66691	0.536136	0.547413	0.509874	0.47367
0.565578	0.427671	0.476164	0.570681	0.624183	0.832558	0.473852	0.658412	0.605374	0.599336
0.473533	0.453169	0.698542	0.55017	0.521128	0.555407	0.477686	0.561767	0.598311	0.422275
0.677585	0.564851	0.651507	0.463007	0.36749	0.597441	0.521408	0.740989	0.525671	0.531973
0.58798	0.46575	0.625983	0.446201	0.3893	0.687396	0.498189	0.6069	0.488371	0.474418
0.608446	0.365602	0.586846	0.598269	0.53221	0.574962	0.412706	0.559039	0.743072	0.591423
0.586982	0.43741	0.64583	0.741591	0.889385	0.655296	0.366209	0.626566	0.780997	0.803209
0.598093	0.521777	0.673786	0.417765	0.620994	0.523806	0.325296	0.572852	0.552745	0.74225
0.634351	0.471039	0.574228	0.4527	0.625252	0.726087	0.628043	0.61199	0.430954	0.488881
0.514581	0.463503	0.82648	0.661684	0.588355	0.598446	0.477686	0.55274	0.50662	0.389052
0.548818	0.393299	0.799946	0.624476	0.46588	0.35025	0.458844	0.666462	0.560933	0.573188
0.578098	0.494462	0.677411	0.411103	0.53221	0.502333	0.355033	0.709115	0.439201	0.516029
0.487582	0.488091	0.68847	0.446918	0.52197	0.481103	0.297974	0.618177	0.291771	0.633593
0.516273	0.443788	0.617446	0.416425	0.444197	0.420335	0.374026	0.495885	0.455461	0.659175
0.584992	0.625498	0.77952	0.614859	0.648317	0.569285	0.406124	0.508608	0.498591	0.623979
0.632132	0.698569	0.632499	0.603386	0.805643	0.454322	0.490188	0.508608	0.748695	0.699986
0.710765	0.730521	0.505366	0.396797	0.592304	0.384494	0.483111	0.638373	0.723944	0.694981
0.590989	0.661676	0.564765	0.374966	0.593296	0.528915	0.614113	0.491984	0.468624	0.619774
0.503744	0.644342	0.587832	0.557517	0.769885	0.783702	0.609915	0.471504	0.449026	0.554786
0.336379	0.505018	0.65842	0.602358	0.684774	0.438732	0.548651	0.531813	0.390052	0.550305
0.383041	0.513317	0.446656	0.593213	0.531347	0.357694	0.660828	0.571917	0.479145	0.541479
0.502921	0.676059	0.466352	0.529715	0.348416	0.388196	0.686215	0.417901	0.563696	0.503842
0.550648	0.459784	0.487767	0.445484	0.546249	0.580715	0.704004	0.43938	0.508244	0.376921
0.472765	0.599192	0.560109	0.497092	0.622054	0.546396	0.653839	0.413341	0.628351	0.671963
0.663086	0.783342	0.785703	0.761867	0.542696	0.417674	0.671527	0.488888	0.750112	0.588493
0.614779	0.66404	0.441693	0.68589	0.546249	0.450014	0.59756	0.452655	0.692994	0.414379
0.424903	0.56203	0.486202	0.616978	0.381908	0.530632	0.467786	0.471504	0.609462	0.37098
0.558049	0.662857	0.495678	0.827353	0.557999	0.579751	0.451531	0.41529	0.605374	0.488881
0.500463	0.814045	0.723443	0.74443	0.631718	0.565541	0.473852	0.41529	0.788686	0.605367
0.596051	0.642082	0.566641	0.727666	0.576722	0.868476	0.865531	0.615073	0.625145	0.594374
0.677585	0.668808	0.519472	0.657	0.480961	0.689871	0.565291	0.580402	0.809339	0.43851
0.551566	0.486513	0.42104	0.510181	0.395558	0.572114	0.516327	0.587119	0.614627	0.592405
0.501281	0.679731	0.535799	0.608563	0.51694	0.52806	0.580638	0.447016	0.660625	0.512746

0.574207	0.662857	0.558261	0.633208	0.526207	0.707602	0.602666	0.535232	0.810969	0.608414
0.700283	0.572464	0.554588	0.859549	0.631718	0.759731	0.702709	0.588087	0.640312	0.49748
0.713426	0.496876	0.582924	0.666418	0.51861	0.822337	0.443626	0.616105	0.54471	0.402164
0.614779	0.458305	0.380011	0.652367	0.586395	0.825717	0.536136	0.451946	0.460532	0.422275
0.621206	0.678504	0.667812	0.859549	0.535677	0.706311	0.539675	0.739613	0.834458	0.64564
0.643341	0.603295	0.562897	0.67483	0.533074	0.687396	0.552294	0.736874	0.750112	0.584616
0.749582	0.518373	0.530576	0.512679	0.38868	0.49514	0.430301	0.651629	0.480669	0.619774
0.595034	0.417474	0.507822	0.424531	0.355831	0.52296	0.345839	0.543898	0.554551	0.522671
0.485208	0.440233	0.434699	0.561238	0.594291	0.558147	0.358531	0.499031	0.467141	0.475167
0.834168	0.815723	0.742751	0.682172	0.546249	0.609648	0.63242	0.709115	0.672334	0.505447
0.800285	0.740301	0.82138	0.6117	0.409652	0.650736	0.659655	0.787488	0.683149	0.428292
0.677585	0.465	0.541085	0.546543	0.54983	0.758276	0.651534	0.834413	0.621963	0.472923
0.68502	0.515838	0.531442	0.498706	0.478665	0.770056	0.495773	0.680619	0.593335	0.656889
0.742391	0.687169	0.600858	0.662863	0.548932	0.636238	0.416704	0.60589	0.535952	0.574129
0.637701	0.51248	0.567582	0.519414	0.3943	0.640647	0.483892	0.636202	0.591361	0.699986
0.705493	0.299368	0.612194	0.535839	0.421533	0.642869	0.523115	0.697741	0.52062	0.663782
0.759854	0.291756	0.622762	0.497092	0.616777	0.609648	0.354453	0.61714	0.50662	0.712757
0.631027	0.373424	0.622762	0.668805	0.672676	0.503139	0.356779	0.60589	0.597311	0.67433
0.716102	0.606398	0.68847	0.529715	0.451305	0.586545	0.596546	0.864478	0.581621	0.693738
0.528302	0.513317	0.630316	0.411103	0.50705	0.701186	0.792934	0.91697	0.755828	0.881727
0.789024	0.509148	0.660749	0.496287	0.505424	0.527206	0.555968	0.762167	0.659471	0.714055
0.641076	0.322498	0.543752	0.602358	0.675069	0.655296	0.587526	0.570054	0.623021	0.632514
0.539779	0.230842	0.583901	0.491487	0.632805	0.619034	0.726633	0.532665	0.461992	0.691264
0.635465	0.517526	0.77494	0.692158	0.703578	0.476524	0.640189	0.696495	0.573983	0.721926
0.574207	0.462757	0.648092	0.484386	0.553442	0.4332	0.683733	0.485814	0.607413	0.864846
0.722868	0.546382	0.60392	0.508523	0.58347	0.442227	0.626955	0.454788	0.619854	0.707603
0.556187	0.408168	0.621694	0.433487	0.557999	0.329736	0.547745	0.412047	0.510691	0.679101
0.596051	0.534784	0.696002	0.582291	0.522815	0.442929	0.63242	0.635121	0.761621	0.673145
0.582024	0.645476	0.718081	0.66523	0.794445	0.885662	0.771202	0.843041	0.657173	0.728595
0.549732	0.513317	0.777988	0.4065	0.595288	0.812351	0.89471	0.575668	0.674714	0.86669
0.58798	0.471039	0.56383	0.370729	0.572912	0.649603	0.645824	0.451946	0.750112	0.754918
0.461415	0.360858	0.458953	0.509351	0.64719	0.402685	0.634626	0.376697	0.553647	0.504644
0.600144	0.607438	0.661918	0.576447	0.76543	0.642869	0.740517	0.620259	0.569277	0.581731
0.593007	0.395848	0.68847	0.482044	0.665576	0.66691	0.680035	0.519228	0.65148	0.725915
0.448175	0.459044	0.652652	0.441212	0.439987	0.631873	0.715837	0.380285	0.644745	0.644531
0.520531	0.417474	0.55004	0.390447	0.520287	0.497525	0.513808	0.334718	0.591361	0.428292
0.509546	0.416803	0.81301	0.613803	0.457076	0.445749	0.558744	0.314641	0.701796	0.499855
0.681287	0.519222	0.748429	0.570681	0.612601	0.552684	0.733519	0.685443	0.660625	0.520168
0.530924	0.587109	0.64583	0.43558	0.694702	0.658748	0.596546	0.467081	0.529071	0.608414
0.472765	0.550926	0.621694	0.515193	0.839326	0.774557	0.602666	0.472988	0.660625	0.566659
0.555259	0.598172	0.724794	0.737366	0.662069	0.575916	0.583577	0.470763	0.686815	0.475167
0.619053	0.521777	0.79674	0.597253	0.632805	0.476524	0.709224	0.604881	0.785594	0.611483
0.781156	0.596139	0.535799	0.557517	0.837578	0.639541	0.681264	0.618177	0.712078	0.692499
0.456218	0.582173	0.531442	0.411103	0.763956	0.745395	0.649241	0.550958	0.631581	0.628226
0.345434	0.463503	0.372732	0.493081	0.646067	0.783702	0.608872	0.472988	0.493058	0.495903
0.377465	0.357919	0.622762	0.634312	0.540051	0.484957	0.566235	0.417247	0.62728	0.431671
0.596051	0.545478	0.751296	0.595228	0.608465	0.508827	0.598576	0.573789	0.646978	0.414379

0.673915	0.642082	0.628144	0.426581	0.662069	0.60452	0.421415	0.485049	0.579699	0.47069
0.553409	0.581192	0.566641	0.38171	0.435127	0.420335	0.586535	0.49354	0.579699	0.590444
0.399564	0.586117	0.4701	0.360018	0.617828	0.630788	0.532625	0.478223	0.592347	0.421611
0.397625	0.511644	0.596808	0.421135	0.559836	0.505568	0.599595	0.449122	0.597311	0.487335
0.632132	0.51248	0.742751	0.508523	0.715264	0.421671	0.667931	0.60187	0.583551	0.321409
0.597071	0.436005	0.53318	0.408467	0.774385	0.561828	0.570029	0.69899	0.572095	0.468469
0.599117	0.539208	0.546436	0.405847	0.614684	0.678843	0.687462	0.530963	0.493844	0.636846
0.393135	0.442362	0.472364	0.469765	0.455626	0.568346	0.750506	0.573789	0.755828	0.653484
0.373177	0.360269	0.660749	0.528848	0.401269	0.448588	0.628043	0.390617	0.629425	0.395871
0.692585	0.61162	0.580006	0.539378	0.681109	0.557232	0.637955	0.437321	0.529925	0.488107
0.540674	0.475623	0.56383	0.505226	0.742416	0.765601	0.719854	0.432553	0.518116	0.537133
0.427658	0.41882	0.497278	0.417765	0.50705	0.561828	0.701418	0.380886	0.618804	0.557497
0.392497	0.383248	0.400682	0.45562	0.555259	0.463803	0.489396	0.407548	0.531638	0.374535
0.399564	0.358505	0.4701	0.526254	0.534808	0.336284	0.46854	0.456217	0.45116	0.419627
0.605314	0.414127	0.649227	0.479715	0.58347	0.468996	0.455904	0.659553	0.560015	0.576964
0.664276	0.688421	0.684752	0.405847	0.469602	0.560905	0.507163	0.438006	0.608436	0.598339
0.512896	0.608479	0.467099	0.292645	0.44916	0.492769	0.643561	0.386333	0.529925	0.499855
0.471999	0.503378	0.578071	0.616978	0.631718	0.488065	0.644691	0.338519	0.590377	0.467731
0.519676	0.476392	0.620628	0.62882	0.46588	0.406546	0.527412	0.362056	0.665271	0.595362
0.784286	0.67728	0.561966	0.471281	0.53394	0.530632	0.622632	0.465616	0.458351	0.552092
0.605314	0.647754	0.619564	0.427954	0.653994	0.518755	0.710538	0.60187	0.618804	0.513564
0.510381	0.516681	0.466352	0.401298	0.515276	0.376581	0.606793	0.477472	0.579699	0.553886
0.438858	0.372211	0.579038	0.449077	0.630633	0.463803	0.561538	0.444224	0.673523	0.715357
0.489171	0.472561	0.747002	0.589209	0.611564	0.436649	0.460322	0.467081	0.668788	0.615609
0.517971	0.493661	0.627062	0.501954	0.650579	0.395065	0.523971	0.662994	0.755828	0.739485
0.482848	0.375249	0.598828	0.497898	0.688471	0.435266	0.584561	0.555429	0.588416	0.770919
0.345434	0.399701	0.564765	0.495483	0.742416	0.598446	0.636843	0.435271	0.393161	0.597345
0.46592	0.271127	0.553675	0.506048	0.540051	0.568346	0.592514	0.417247	0.469367	0.49827
0.582024	0.388244	0.643579	0.618041	0.637181	0.530632	0.558744	0.584228	0.535952	0.507867
0.6619	0.523489	0.678626	0.540267	0.717904	0.603502	0.596546	0.678227	0.412951	0.412427
0.632132	0.491265	0.818013	0.509351	0.520287	0.543729	0.435163	0.485049	0.417547	0.576964
0.450354	0.520924	0.58882	0.412428	0.53394	0.313787	0.585547	0.485049	0.439896	0.489655
0.558049	0.352679	0.629229	0.483604	0.595288	0.431143	0.445052	0.522549	0.460532	0.583652
0.735317	0.446653	0.561966	0.482823	0.50705	0.546396	0.466283	0.652752	0.68559	0.602341
0.547905	0.375249	0.632499	0.466748	0.662069	0.983567	0.760731	0.68182	0.591361	0.518508
0.523968	0.422883	0.661918	0.450523	0.64719	0.665734	0.428234	0.587119	0.489928	0.567585
0.550648	0.396488	0.47464	0.489899	0.625252	0.592455	0.40093	0.581356	0.504196	0.670785
0.566528	0.476392	0.479997	0.576447	0.552536	0.482641	0.42277	0.531813	0.537689	0.569445
0.666666	0.517526	0.546436	0.489899	0.449874	0.63405	0.479229	0.608929	0.621963	0.468469
0.538885	0.453899	0.598828	0.513516	0.423545	0.557232	0.602666	0.614043	0.552745	0.441276
0.625543	0.414127	0.503736	0.392976	0.336701	0.40013	0.5335	0.736874	0.441288	0.491988
0.414724	0.302451	0.445232	0.325569	0.333957	0.557232	0.403519	0.496669	0.501785	0.474418
0.429736	0.310779	0.341406	0.516876	0.516107	0.456491	0.386957	0.485049	0.412951	0.486565
0.460669	0.530405	0.4553	0.482044	0.461456	0.492769	0.513808	0.576611	0.552745	0.372754
0.476616	0.383869	0.47846	0.284667	0.290778	0.382655	0.573857	0.472245	0.388197	0.385987
0.717447	0.544577	0.542861	0.374966	0.433061	0.54908	0.446484	0.482762	0.225879	0.387823
0.543372	0.61162	0.518629	0.499516	0.56168	0.699914	0.442204	0.449122	0.424199	0.387823

0.387428	0.333433	0.494084	0.598269	0.576722	0.647347	0.621558	0.496669	0.550005	0.507059
0.40939	0.465	0.536675	0.557517	0.510322	0.697381	0.509643	0.340707	0.556365	0.475918
0.57324	0.423564	0.589811	0.576447	0.455626	0.490411	0.33963	0.277075	0.52062	0.434394
0.695136	0.436005	0.435393	0.541158	0.404474	0.564609	0.368599	0.435271	0.454022	0.402164
0.696417	0.508319	0.366758	0.56499	0.497381	0.649603	0.573857	0.453365	0.419532	0.34912
0.591997	0.688421	0.636897	0.688387	0.78662	0.79462	0.563411	0.491208	0.652612	0.453945
0.478165	0.50256	0.501303	0.734573	0.508683	0.554498	0.760731	0.689096	0.637017	0.453945
0.481281	0.360858	0.397486	0.584256	0.407055	0.526353	0.500618	0.451946	0.467141	0.36687
0.548818	0.410145	0.300826	0.390447	0.454903	0.603502	0.585547	0.549182	0.521458	0.364538
0.492367	0.422883	0.319576	0.55017	0.540051	0.765601	0.623709	0.602871	0.668788	0.435761
0.528302	0.603295	0.589811	0.666418	0.651714	0.627551	0.707913	0.540411	0.649223	0.585582
0.458438	0.623334	0.65726	0.695963	0.424218	0.470491	0.572897	0.454788	0.671149	0.532829
0.591997	0.54278	0.589811	0.579359	0.451305	0.496728	0.482332	0.391232	0.515627	0.458251
0.588981	0.460525	0.524562	0.519414	0.381298	0.477284	0.409403	0.391232	0.440591	0.36512
0.407407	0.444502	0.364391	0.566879	0.588355	0.487286	0.435862	0.491208	0.606392	0.430316
0.381796	0.583155	0.316395	0.521966	0.573861	0.559984	0.774241	0.607914	0.729324	0.578864
0.483633	0.530405	0.311143	0.412428	0.409652	0.562753	0.593519	0.487348	0.630501	0.413728
0.50788	0.456831	0.324393	0.405847	0.315747	0.491195	0.458107	0.362056	0.581621	0.407907
0.424903	0.447372	0.394314	0.564049	0.535677	0.686164	0.664365	0.440759	0.476869	0.390901
0.41674	0.615843	0.393051	0.469009	0.503803	0.493558	0.545038	0.426499	0.497003	0.558405
0.412049	0.632056	0.413706	0.439797	0.356406	0.403968	0.598576	0.419213	0.475358	0.579818
0.35997	0.597154	0.399401	0.492283	0.375842	0.487286	0.571939	0.394322	0.528218	0.505447
0.513738	0.488091	0.445944	0.505226	0.443492	0.56368	0.560605	0.513477	0.472352	0.344099
0.32971	0.453169	0.431243	0.497092	0.587374	0.513763	0.495773	0.418557	0.529071	0.422275
0.298333	0.547287	0.418359	0.442632	0.511144	0.375376	0.572897	0.464886	0.535952	0.626097
0.367124	0.533027	0.456028	0.570681	0.506236	0.362924	0.498997	0.43459	0.446196	0.495118
0.389955	0.638714	0.494084	0.635418	0.524508	0.464541	0.440786	0.403728	0.526518	0.359338
0.72974	0.588103	0.511119	0.65352	0.742416	0.588506	0.349264	0.292498	0.459077	0.368627
0.613717	0.640956	0.490914	0.525393	0.742416	0.636238	0.452984	0.357474	0.529925	0.387823
0.381175	0.565795	0.505366	0.544741	0.633895	0.645102	0.692485	0.524218	0.657173	0.626097
0.317208	0.490469	0.398124	0.56499	0.44916	0.517085	0.570029	0.429852	0.489148	0.381128
0.38617	0.558297	0.37879	0.485169	0.343916	0.293393	0.542348	0.440069	0.455461	0.340784
0.343152	0.431818	0.332542	0.516034	0.476382	0.423684	0.421415	0.380285	0.459077	0.308957
0.478165	0.485726	0.506183	0.555669	0.675069	0.549978	0.482332	0.511848	0.515627	0.506252
0.498832	0.533027	0.503736	0.527981	0.679895	0.608618	0.640189	0.403728	0.414915	0.635759
0.400212	0.656985	0.315867	0.508523	0.41953	0.614838	0.648099	0.383298	0.550005	0.499855
0.326962	0.674842	0.534924	0.574516	0.418864	0.519593	0.565291	0.43459	0.661782	0.40855
0.50705	0.544577	0.49808	0.417765	0.575766	0.573062	0.512137	0.393084	0.457627	0.426948
0.385543	0.333987	0.44737	0.465997	0.531347	0.4493	0.500618	0.30042	0.50662	0.599336
0.37196	0.404892	0.440988	0.451247	0.431004	0.540197	0.664365	0.49354	0.391293	0.499062
0.263827	0.386364	0.39685	0.509351	0.431688	0.578789	0.54414	0.443529	0.476869	0.439891
0.474301	0.42017	0.484642	0.525393	0.565392	0.456491	0.616227	0.389388	0.527367	0.446861
0.367726	0.489675	0.548234	0.521966	0.492626	0.482641	0.642434	0.408188	0.407757	0.427619
0.441704	0.492861	0.466352	0.451973	0.562605	0.391305	0.51886	0.366688	0.37663	0.622924
0.457697	0.522632	0.415694	0.483604	0.49579	0.548183	0.513808	0.549182	0.459077	0.525188
0.404777	0.505018	0.347039	0.444056	0.437203	0.599452	0.701418	0.529267	0.545595	0.524348
0.377465	0.303483	0.321711	0.434881	0.481729	0.451445	0.614113	0.388775	0.451874	0.466259

0.372568	0.43741	0.453123	0.371332	0.47185	0.548183	0.579663	0.408188	0.428916	0.465525
0.305576	0.553675	0.561037	0.448356	0.462926	0.501528	0.570983	0.515113	0.463457	0.526875
0.251678	0.444502	0.422386	0.42249	0.355256	0.325962	0.480003	0.491984	0.430954	0.526875
0.295266	0.348073	0.306987	0.48049	0.513618	0.314309	0.455172	0.475224	0.597311	0.475918
0.546086	0.445935	0.428499	0.390447	0.369267	0.348551	0.480778	0.433231	0.452589	0.414379
0.433923	0.467255	0.345907	0.367129	0.50705	0.383388	0.459582	0.362056	0.38758	0.468469
0.365324	0.447372	0.458953	0.438387	0.471099	0.320626	0.397714	0.43938	0.408403	0.526031
0.489968	0.548194	0.435393	0.441921	0.407055	0.311184	0.37585	0.491208	0.398182	0.416995
0.298847	0.433209	0.368542	0.492283	0.412264	0.360011	0.410721	0.452655	0.459077	0.38721
0.483633	0.411468	0.436785	0.393611	0.415552	0.314309	0.537902	0.399941	0.392537	0.36512
0.408067	0.348073	0.487767	0.369526	0.456351	0.454322	0.436562	0.380886	0.303287	0.409839
0.464413	0.340129	0.434699	0.411103	0.47035	0.424356	0.416704	0.30092	0.416229	0.486565
0.528302	0.526933	0.381237	0.367727	0.395558	0.317983	0.470808	0.421849	0.454741	0.461146
0.758371	0.582173	0.393051	0.327746	0.363959	0.300929	0.332955	0.236421	0.358395	0.499855
0.654847	0.456831	0.430556	0.311678	0.50058	0.380824	0.513808	0.325621	0.37185	0.406625
0.597071	0.544577	0.685988	0.48049	0.479429	0.46825	0.461063	0.429852	0.296741	0.446861
1.246037	1.086938	0.883018	0.485169	0.384973	0.401406	0.495773	0.427837	0.300253	0.504644
0.055317	0.86888	0.854741	0.62773	0.484041	0.356541	0.420739	0.41529	0.336491	0.34521
0	0.027658	1.182182	0.625558	0.666751	0.405255	0.445767	0.337974	0.417547	0.397749
0	0	0.013829	1.429827	1.07241	0.687396	0.534377	0.466348	0.402624	0.382944
0	0	0	0	0.853274	1.019151	0.69375	0.579452	0.410996	0.501445
0	0	0	0	0	1.581063	1.280233	0.906758	0.471604	0.529417
0	0	0	0	0	0	0.453379	1.261065	0.607413	0.588493
1.078335	0	0	0	0	0	0	0.22669	1.410164	0.817818
0.789024	2.855036	0	0	0	0	0	0	0.113345	1.574393
0.863317	1.859475	0	0	0	0	0	0	0	0.431381
1.054282	1.469339	1.142033	0	0	0	0	0	0	0
0.520531	1.090088	1.193978	2.456294	0.535247	0	0	0	0	0
0.467432	0.744561	0.836864	1.070495	1.294258	1.401636	0	0	0	0
0.463662	0.655821	0.77952	0.711526	1.129974	0.976307	2.644511	0.504576	0	0
0.440278	0.768013	0.619564	0.724934	0.702299	0.72474	1.009152	1.625044	2.092081	0
0.234511	0.545478	0.611151	0.472041	0.739623	0.928624	0.959702	1.185827	1.102437	0.424236
0.325321	0.569593	0.363212	0.361785	0.443492	0.635142	0.556892	0.809509	0.848473	1.283277
0.599117	0.552757	0.403256	0.449077	0.71395	0.431827	0.614113	0.503793	0.990405	1.19227
0.452544	0.443074	0.317453	0.41911	0.68971	0.550878	0.765188	0.59394	0.65035	0.727253
0.359379	0.559227	0.617446	0.599288	0.625252	0.642869	0.726633	0.72476	0.631581	0.693738
0.404122	0.479481	0.499689	0.463007	0.622054	0.663393	0.572897	0.69032	0.7918	0.727253
0.541571	0.563908	0.509468	0.447637	0.573861	0.528915	0.59756	0.540411	0.523138	0.763573
0.458438	0.522632	0.56383	0.55017	0.458531	0.401406	0.777301	0.49432	0.586463	0.759224
0.493975	0.614783	0.570418	0.676045	0.67627	0.605541	0.702709	0.667625	0.660625	0.56389
0.402163	0.637597	0.591799	0.602358	0.945976	0.72474	0.839959	0.674664	1.040042	0.850373
0.482064	0.546382	0.476927	0.664044	0.825538	0.759731	0.919552	0.745142	0.732039	0.907329
0.473533	0.570548	0.488552	0.679711	0.76691	0.592455	0.805858	0.581356	0.684368	0.895325
0.398271	0.624414	0.525416	0.68094	0.472602	0.584593	0.551381	0.635121	0.776448	0.640123
0.433222	0.646613	0.808065	0.697239	0.662069	0.448588	0.754859	0.868156	0.97584	0.845068
0.716102	0.630956	0.597817	0.684647	0.60335	0.52296	0.722553	0.779886	0.872259	1.070352
0.473533	0.473325	0.4553	0.565934	0.637181	0.561828	0.884764	0.60187	0.71338	0.92387

0.622286	0.477934	0.427133	0.534081	0.475623	0.716746	0.723909	0.590029	0.747282	0.653484
0.666666	0.703734	0.388037	0.463753	0.59729	0.463803	0.499806	0.503793	0.785594	0.667269
0.688786	0.729142	0.554588	0.625558	0.781991	0.706311	0.722553	0.568199	0.678309	0.634674
0.523968	0.439525	0.556421	0.661684	0.58347	0.590476	0.718511	0.556329	0.66644	1.004706
0.489171	0.579237	0.516949	0.659336	0.350684	0.559984	0.677587	0.504592	0.551845	0.765032
0.578098	0.636483	0.49329	0.562173	0.587374	0.580715	0.660828	0.718172	0.581621	0.475918
0.764331	0.734686	0.515275	0.727666	0.702299	0.761191	0.876968	0.637286	0.825922	0.653484
0.828914	0.501743	0.565702	0.755976	0.581531	0.907635	0.856224	0.464886	0.712078	0.635759
0.921718	0.802479	0.666627	0.800611	0.577679	0.851944	0.541455	0.431201	0.703068	0.803209
1.020529	0.934895	0.79834	0.511012	0.430321	0.584593	0.422092	0.490433	0.577785	0.614573
0.811846	0.873149	0.708853	0.645508	0.486366	0.32489	0.374026	0.350128	0.323009	0.361641
0.761341	0.658153	0.64134	0.874661	0.552536	0.454322	0.621558	0.476721	0.485274	0.478933
0.751035	0.780232	0.651507	0.545641	0.321024	0.574011	0.296449	0.334177	0.723944	0.604356
0.597071	0.548194	0.71147	0.477398	0.461456	0.588506	0.274676	0.492761	0.597311	0.628226
0.613717	0.444502	0.567582	0.554748	0.437898	0.518755	0.422092	0.497455	0.483733	0.422275
0.638823	0.415463	0.781058	0.603386	0.515276	0.767081	0.525688	0.522549	0.419532	0.434394
0.42559	0.500114	0.682291	0.485954	0.505424	0.706311	0.64131	0.571917	0.619854	0.503842
0.556187	0.427671	0.460423	0.319103	0.478665	0.499922	0.435163	0.482762	0.51151	0.488107
0.382418	0.545478	0.540199	0.420459	0.53394	0.36234	0.371003	0.429852	0.315639	0.464061
0.798659	0.569593	0.629229	0.514353	0.368674	0.41503	0.523971	0.571917	0.442685	0.491988
0.58798	0.526933	0.788828	0.645508	0.469602	0.544616	0.60164	0.520056	0.514801	0.502243
0.498832	0.527799	0.73299	0.714174	0.734091	0.610681	0.557817	0.666462	0.497003	0.530267
0.47739	0.484156	0.617446	0.629913	0.86271	0.500724	0.624788	0.68182	0.37904	0.400267
0.584992	0.642082	0.576145	0.478941	0.695959	0.741185	0.603694	0.363787	0.37543	0.475918
0.591997	0.490469	0.624907	0.337123	0.701023	0.765601	0.604725	0.40947	0.324605	0.478177
0.512896	0.572464	0.564765	0.3433	0.510322	0.715428	0.59756	0.462702	0.383289	0.631438
0.915299	0.937113	0.782601	0.572594	0.592304	0.423012	0.603694	0.584228	0.721279	0.838093
0.846681	0.859922	0.579038	0.839592	0.611564	0.489628	0.763697	0.602871	0.73752	0.740865
0.402815	0.74599	0.687227	0.542051	0.563532	0.749646	0.684972	0.523383	0.987943	0.76944
0.350032	0.644342	0.623833	0.666418	0.630633	0.648474	0.640189	0.573789	0.997875	0.876027
0.285692	0.481034	0.291746	0.353022	0.47035	0.357117	0.547745	0.511848	0.881766	0.535406
0.297308	0.309205	0.301336	0.377407	0.264828	0.421003	0.780383	1.003587	0.807715	0.622924
0.374398	0.337326	0.289754	0.331033	0.437898	0.598446	0.678809	0.712974	0.654887	0.598339
0.206634	0.245062	0.279442	0.217502	0.350684	0.503947	0.354453	0.376102	0.468624	0.234842
0.333032	0.319807	0.366165	0.244125	0.298774	0.287948	0.25625	0.249554	0.295244	0.228421
0.541571	0.470279	0.431932	0.226484	0.318378	0.243568	0.140762	0.250444	0.321949	0.312552
0.482848	0.585128	0.407145	0.438387	0.497381	0.336834	0.199929	0.232985	0.215807	0.289453
0.153156	0.447372	0.525416	0.568776	0.655138	0.645102	0.385086	0.550958	0.334306	0.314102
-0.04437	0.077081	0.450957	0.678485	0.659746	0.73979	0.686215	0.6069	0.441986	0.209302
0.08435	-0.03292	0.072593	0.432097	0.30029	0.578789	0.570029	0.556329	0.505003	0.259688
0.20705	0.199231	0.101891	0.198049	0.20602	0.294889	0.37585	0.482762	0.357244	0.303872
0.375622	0.321958	0.296262	0.246381	0.187673	0.206964	0.230652	0.349009	0.295742	0.369214
1.134353	0.661676	0.741343	0.551082	0.403831	0.378394	0.296449	0.30092	0.33979	0.466995
0	0	0	0.201915	1.289295	1.019151	0.595535	0.415941	0.754392	1.085373
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[illegible]

0.324166	0.379002	0.638833	0.380902	0.404682	0.40051	0.586028	0.468123	0.901841	0.684931
0.319341	0.402257	0.542329	0.487091	0.442646	0.684468	0.67971	0.590243	0.689744	0.809347
0.579395	0.392048	0.459753	0.494226	0.455828	0.624345	0.411585	0.415463	0.700619	0.846946
0.463427	0.285735	0.474606	0.547746	0.561359	0.842918	0.489302	0.416162	0.573798	0.626797
0.499826	0.356347	0.339925	0.40691	0.426365	0.685734	0.555057	0.53721	0.737967	0.494283
0.553044	0.454328	0.445391	0.3953	0.387193	0.446232	0.515786	0.488298	0.788835	0.646147
0.680547	0.414037	0.304816	0.374182	0.620153	0.507316	0.602383	0.411985	0.683084	0.732018
0.482408	0.417367	0.37752	0.599537	0.70632	0.658696	0.589048	0.499172	0.704768	0.774746
0.616866	0.393311	0.463418	0.529163	0.411342	0.614548	0.66623	0.63187	0.648781	0.427356
0.52562	0.230631	0.335515	0.641198	0.330718	0.507316	0.524405	0.676637	0.620411	0.42512
0.448817	0.233248	0.494707	0.547746	0.434075	0.333608	0.620462	0.665316	0.629663	0.839161
0.505518	0.515174	0.404309	0.430414	0.343732	0.47414	0.515786	0.421795	0.530775	0.702876
0.407072	0.345448	0.537063	0.571913	0.364317	0.438988	0.533198	0.327268	0.325442	0.333621
0.463427	0.323899	0.355723	0.344314	0.466364	0.631001	0.449439	0.27219	0.377137	0.32468
0.383577	0.300805	0.416032	0.35987	0.311633	0.3491	0.282956	0.36913	0.409698	0.345835
0.407072	0.322285	0.469349	0.387103	0.240898	0.278123	0.345687	0.25641	0.275097	0.421419
0.398672	0.392048	0.356298	0.43597	0.387193	0.37871	0.319389	0.394332	0.403404	0.313613
0.393582	0.383926	0.471594	0.422211	0.478728	0.417268	0.277992	0.251115	0.267415	0.280409
0.356616	0.338146	0.493916	0.363996	0.344883	0.376216	0.289495	0.385768	0.255894	0.204361
0.491822	0.37778	0.466374	0.314251	0.358335	0.469491	0.324303	0.326129	0.289811	0.268844
0.302094	0.298765	0.483768	0.387103	0.400734	0.471035	0.294593	0.360429	0.321975	0.226846
0.331231	0.423426	0.537063	0.511343	0.547366	0.393337	0.328164	0.353107	0.341999	0.28631
0.388551	0.467632	0.37752	0.393394	0.541892	0.491626	0.365151	0.333007	0.188701	0.448017
0.405769	0.449982	0.327904	0.270577	0.547366	0.514096	0.455339	0.40511	0.331283	0.32527
0.272391	0.406149	0.37451	0.438775	0.458064	0.433987	0.452379	0.376092	0.293569	0.262663
0.323627	0.519381	0.451078	0.33314	0.364919	0.263971	0.431503	0.383816	0.266908	0.274588
0.351993	0.402257	0.330607	0.477757	0.440487	0.316477	0.482926	0.324426	0.361099	0.354594
0.384196	0.432329	0.33115	0.434574	0.372218	0.385009	0.460568	0.334743	0.443375	0.44102
0.458992	0.410733	0.422015	0.47469	0.361914	0.35027	0.346264	0.325561	0.359841	0.442565
0.339529	0.480582	0.423356	0.421535	0.441925	0.381848	0.550412	0.270186	0.296816	0.39775
0.332329	0.38828	0.405596	0.467866	0.377773	0.425547	0.484512	0.361661	0.354225	0.322327
0.479314	0.449982	0.395404	0.3201	0.377773	0.426244	0.402287	0.403748	0.380418	0.267807
0.470165	0.338146	0.31151	0.49824	0.39166	0.585409	0.356787	0.366626	0.267923	0.288475
0.453149	0.332061	0.308923	0.507206	0.452864	0.506476	0.333739	0.363517	0.43359	0.342135
0.640783	0.444255	0.38177	0.445867	0.427756	0.526221	0.403603	0.385768	0.418235	0.310176
0.571702	0.492339	0.614183	0.447299	0.406669	0.467952	0.425917	0.469703	0.308934	0.386043
0.67326	0.431638	0.396034	0.351159	0.433369	0.486787	0.388702	0.590243	0.477407	0.482247
0.725679	0.421397	0.528426	0.388981	0.398774	0.432569	0.37863	0.667806	0.460453	0.493412
0.630839	0.511837	0.631182	0.566216	0.526748	0.403148	0.374296	0.588159	0.399947	0.455128
0.460465	0.541941	0.564985	0.356365	0.484249	0.593537	0.579062	0.512939	0.382398	0.569272
0.360116	0.458717	0.496292	0.374789	0.505396	0.512391	0.641602	0.427503	0.466834	0.455926
0.325786	0.292703	0.434233	0.464122	0.507066	0.303137	0.419717	0.393668	0.393791	0.419947
0.222708	0.371719	0.428081	0.394029	0.470959	0.306831	0.443619	0.371649	0.43359	0.425864
0.326328	0.392048	0.425375	0.356947	0.461064	0.29378	0.41631	0.429663	0.42621	0.461549
0.440282	0.549125	0.533587	0.503108	0.464843	0.303137	0.405585	0.40239	0.428411	0.448017
0.462684	0.526199	0.52248	0.557807	0.396174	0.358549	0.432207	0.326698	0.331283	0.331818
0.353721	0.510179	0.526719	0.714288	0.40008	0.298954	0.444342	0.380581	0.479056	0.301701

0.499019	0.490753	0.383604	0.563395	0.43977	0.369429	0.534087	0.468123	0.467638	0.34832
0.475479	0.529648	0.455394	0.615091	0.493881	0.330239	0.475086	0.32048	0.454946	0.343365
0.582316	0.425464	0.375111	0.334244	0.380265	0.413864	0.415632	0.268191	0.526145	0.432619
0.536031	0.385165	0.476878	0.433183	0.330161	0.486787	0.41293	0.40511	0.550778	0.549029
0.433989	0.330416	0.436304	0.533516	0.326281	0.397235	0.494959	0.607287	0.459662	0.391513
0.39295	0.417367	0.505929	0.495827	0.326281	0.511541	0.389339	0.504284	0.278209	0.31592
0.542222	0.49393	0.559438	0.629037	0.369162	0.516666	0.437163	0.494957	0.4449	0.404787
0.613705	0.404199	0.572491	0.614037	0.596905	0.584404	0.485307	0.540924	0.521564	0.477188
0.456791	0.301316	0.534454	0.471644	0.527625	0.483591	0.37863	0.474478	0.468444	0.430356
0.483184	0.380842	0.57725	0.42561	0.449187	0.408473	0.366359	0.536286	0.431363	0.535401
0.507981	0.369319	0.460483	0.431105	0.520663	0.408473	0.360352	0.442108	0.377791	0.506663
0.529928	0.351151	0.344381	0.388981	0.482665	0.32968	0.300271	0.505141	0.443375	0.622091
0.443108	0.427513	0.404952	0.373576	0.496323	0.324682	0.410244	0.478497	0.430623	0.592687
0.455331	0.485246	0.467859	0.412833	0.641284	0.432569	0.503171	0.32386	0.391083	0.594879
0.439578	0.532253	0.507556	0.360457	0.581739	0.452858	0.675992	0.426785	0.356089	0.388769
0.517131	0.481356	0.468603	0.398494	0.758288	0.588439	0.64734	0.417564	0.396516	0.641228
0.514616	0.582031	0.517448	0.435272	0.661103	0.573496	0.599269	0.448844	0.495907	0.613977
0.389176	0.493134	0.444685	0.547746	0.509583	0.427642	0.549488	0.431108	0.496767	0.474681
0.295989	0.492339	0.456842	0.438072	0.366733	0.30104	0.478988	0.345311	0.510763	0.452745
0.617925	0.57621	0.405596	0.412833	0.520663	0.444046	0.518354	0.361661	0.518839	0.44102
0.510457	0.556429	0.354002	0.49663	0.68438	0.603915	0.601342	0.556105	0.661172	0.559033
0.36899	0.554592	0.462683	0.529163	0.431255	0.384375	0.634814	0.661607	0.558648	0.501314
0.396119	0.50524	0.4784	0.588474	0.424285	0.417268	0.482926	0.509456	0.566662	0.259097
0.389176	0.582031	0.379944	0.521437	0.513811	0.463369	0.480559	0.307758	0.45028	0.262663
0.522205	0.473678	0.347188	0.409532	0.418106	0.478053	0.362745	0.309397	0.370007	0.309606
0.595204	0.511837	0.303795	0.377224	0.564212	0.577431	0.384898	0.364758	0.539235	0.459935
0.482408	0.530514	0.344381	0.41151	0.402704	0.488394	0.609736	0.469703	0.527067	0.401254
0.4481	0.49393	0.537936	0.588474	0.380265	0.43541	0.520937	0.545611	0.525225	0.451953
0.580367	0.283765	0.36619	0.487091	0.336329	0.50147	0.414955	0.50859	0.391083	0.353332
0.543113	0.339261	0.385446	0.53177	0.384031	0.557159	0.357972	0.363517	0.381077	0.409782
0.503884	0.482908	0.507556	0.594473	0.477945	0.545068	0.351493	0.335905	0.493337	0.578699
0.465661	0.516852	0.536191	0.651408	0.390379	0.472585	0.374296	0.354318	0.488243	0.485652
0.46417	0.440008	0.489203	0.539685	0.411342	0.388833	0.360949	0.472881	0.462835	0.534443
0.582316	0.468383	0.416032	0.397213	0.486637	0.540506	0.369395	0.467336	0.353605	0.598189
0.488661	0.430948	0.525868	0.614037	0.567085	0.653956	0.296649	0.381226	0.454946	0.690374
0.554874	0.435106	0.733313	0.616148	0.451389	0.576443	0.288989	0.56096	0.499357	0.531584
0.656718	0.457982	0.734686	0.570958	0.54462	0.694703	0.552264	0.661607	0.546896	0.582955
0.684237	0.460929	0.510008	0.346015	0.50623	0.557159	0.553193	0.698863	0.417517	0.577641
0.544007	0.455786	0.414056	0.469373	0.631146	0.540506	0.485307	0.786233	0.534515	0.60714
0.563206	0.444255	0.548554	0.538798	0.515514	0.44332	0.406911	0.760751	0.602477	0.636364
0.645276	0.516852	0.57725	0.424248	0.394879	0.698604	0.588039	0.702906	0.480712	0.721595
0.473954	0.522776	0.638833	0.398494	0.512962	0.669554	0.574154	0.519103	0.441097	0.698668
0.501445	0.354608	0.681679	0.590465	0.58473	0.562855	0.391898	0.514691	0.328937	0.611686
0.613705	0.364557	0.483768	0.445867	0.545533	0.483591	0.501516	0.628435	0.419674	0.598189
0.646407	0.526199	0.588888	0.33981	0.483456	0.5023	0.455339	0.611654	0.46443	0.609407
0.678104	0.729474	0.711917	0.419511	0.515514	0.503966	0.536765	0.725128	0.599195	0.643681
0.432602	0.627286	0.601857	0.458933	0.782841	0.583401	0.496589	0.559985	0.421118	0.529688

0.443818	0.573329	0.567784	0.600556	0.918931	0.517526	0.598236	0.528968	0.44034	0.382658
0.476243	0.521925	0.646621	0.609844	0.92546	0.47884	0.563547	0.488298	0.574827	0.497785
0.563206	0.600998	0.576294	0.501479	0.664697	0.538694	0.643888	0.56096	0.5821	0.530635
0.508805	0.599978	0.582061	0.406256	0.485044	0.535991	0.404262	0.418266	0.508104	0.609407
0.517131	0.600998	0.466374	0.514682	0.498779	0.545986	0.503171	0.329554	0.469251	0.694501
0.577459	0.565737	0.433546	0.463377	0.516368	0.557159	0.568336	0.26177	0.402018	0.497785
0.529063	0.526199	0.32629	0.434574	0.554772	0.460339	0.514933	0.432559	0.583149	0.342135
0.433295	0.422072	0.550349	0.597504	0.626716	0.365772	0.800963	0.666559	0.640314	0.467245
0.447383	0.405498	0.458295	0.494226	0.847405	0.751314	0.804267	0.457992	0.634364	0.496907
0.373798	0.600998	0.301253	0.468619	0.652833	0.607078	0.574154	0.449599	0.66496	0.543136
0.381112	0.501167	0.486089	0.518046	0.610492	0.442595	0.346842	0.412678	0.689744	0.604885
0.345717	0.547317	0.549451	0.710326	0.591791	0.401827	0.475086	0.422505	0.666229	0.422896
0.620051	0.686419	0.55487	0.745926	0.652833	0.548753	0.761658	0.618289	0.549805	0.430356
0.750854	0.643858	0.529282	0.810416	0.815624	0.832126	0.857097	0.56096	0.652462	0.592687
0.799565	0.516852	0.441173	0.598519	0.598968	0.791458	0.571235	0.623896	0.696509	0.753648
0.568851	0.597947	0.600846	0.737447	0.420156	0.426244	0.458319	0.596556	0.553713	0.441792
0.701883	0.721322	0.613143	0.591463	0.412687	0.444046	0.457572	0.476885	0.373882	0.232534
0.735296	0.683942	0.470845	0.698653	0.490647	0.492438	0.509012	0.519103	0.55568	0.498664
0.69297	0.399041	0.464894	0.559662	0.473275	0.461095	0.283956	0.518217	0.838825	0.626797
0.587228	0.420723	0.430805	0.524854	0.440487	0.707845	0.397711	0.55226	0.717458	0.748922
0.568851	0.489962	0.644382	0.70122	0.512962	0.631001	0.659049	0.680478	0.594858	0.578699
0.930125	0.621899	0.702878	0.727761	0.522393	0.793078	0.60657	0.637657	0.498492	0.674245
0.648677	0.440713	0.497087	0.789412	0.62124	0.624345	0.498225	0.494957	0.575859	0.844986
0.648677	0.475203	0.597825	0.691041	0.602081	0.661086	0.430801	0.63187	0.653695	0.691745
0.801179	0.872791	0.920623	0.650262	0.582734	0.82683	0.480559	0.618289	0.434335	0.643681
0.776051	0.804115	0.822802	0.570958	0.642425	0.848416	0.752731	0.773305	0.327186	0.597083
0.648677	0.543726	0.623663	0.537913	0.562308	1.040014	0.7864	0.747047	0.327186	0.460741
0.566961	0.413375	0.591846	0.800595	0.695858	0.772468	0.604471	0.726555	0.575859	0.658694
0.593196	0.502792	0.573439	0.69483	0.847405	0.596624	0.452379	0.875115	0.720329	0.599298
0.696768	0.561058	0.782612	0.499857	0.729428	0.726939	0.607623	0.718061	0.72322	0.70998
0.667279	0.72267	0.76017	0.335352	0.59383	0.616706	0.79443	0.712488	0.483208	0.640007
0.769989	0.6658	0.750081	0.541463	0.66832	0.927051	0.838764	0.789527	0.479883	0.773086
0.617925	0.657587	0.733313	0.644575	0.88568	0.701224	0.612926	0.964166	0.677828	0.748922
0.429156	0.516852	0.715849	0.636737	0.750891	0.369429	0.675992	0.857367	0.557656	0.535401
0.579395	0.616579	0.576294	0.503924	0.664697	0.444774	0.655503	0.509456	0.59378	0.552006
0.61581	0.592911	0.502693	0.502293	0.555707	0.589454	0.6962	0.34176	0.360469	0.816611
0.324166	0.532253	0.633354	0.598519	0.795659	0.685734	0.629238	0.442852	0.476584	0.735043
0.24684	0.543726	0.867095	0.737447	0.908264	0.622148	0.805928	0.867137	0.844539	0.789976
0.474715	0.615522	0.699061	0.63232	0.623422	0.624345	0.7864	0.902104	0.891038	0.702876
0.659043	0.850481	0.58013	0.601579	0.572887	0.715926	0.727002	0.634175	0.727592	0.41122
0.427101	0.543726	0.457568	0.621472	0.586736	0.661086	0.509853	0.415463	0.60138	0.483095
0.613705	0.892301	0.548554	0.757494	0.722503	0.603915	0.685978	0.5475	0.717458	0.6664
0.503884	0.706762	0.650002	0.718286	0.490647	0.49652	0.917256	0.688262	0.711772	0.701469
0.625412	0.657587	0.489985	0.783149	0.345459	0.426942	0.497406	0.32386	0.623857	0.514812
0.713618	0.672966	0.460483	0.664221	0.387193	0.521852	0.437875	0.319358	0.606892	0.446452
0.485523	0.546417	0.368551	0.70122	0.640146	0.786632	0.607623	0.521771	0.726129	0.742699
0.483184	0.687663	0.48454	0.445153	0.608374	0.775576	0.824634	0.56096	0.814898	0.476351

0.503884	0.574287	0.586926	0.512175	0.5347	0.9076	0.894219	0.680478	0.831321	0.489084
0.590202	0.482131	0.507556	0.673783	0.419472	0.539599	0.555992	0.844047	0.462835	0.471361
0.659043	0.385165	0.537936	0.56716	0.412687	0.69341	0.459067	0.616066	0.545931	0.589419
0.512948	0.466882	0.625798	0.870693	0.732229	0.811316	0.470449	0.530786	0.572772	0.547056
0.594199	0.622971	0.631182	0.649118	0.576799	0.809626	0.475086	0.576872	0.577929	0.489946
0.613705	0.649526	0.637732	0.476988	0.440487	0.692122	0.521801	0.493283	0.381077	0.487364
0.64754	0.529648	0.627943	0.484739	0.335201	0.684468	0.561646	0.647079	0.387722	0.564122
0.482408	0.419377	0.58303	0.456727	0.484249	0.802931	0.585026	0.665316	0.486558	0.59598
0.66373	0.550031	0.714535	0.55504	0.51894	0.793078	0.548567	0.711106	0.598107	0.803978
0.654405	0.486813	0.59883	0.513009	0.508742	0.661086	0.466622	0.638823	0.662431	0.721595
0.590202	0.565737	0.733313	0.540573	0.640146	0.651605	0.539461	0.634175	0.503709	0.566175
0.502256	0.414701	0.58013	0.401711	0.582734	0.644628	0.688511	0.596556	0.423293	0.580822
0.61161	0.519381	0.664966	0.486305	0.608374	0.464129	0.51154	0.57485	0.581054	0.771432
0.921508	0.681479	0.767522	0.808763	0.723879	0.569596	0.649657	0.665316	0.591633	0.674245
0.716269	0.504422	0.599837	0.489456	0.756798	0.689555	0.551337	0.643521	0.545931	0.625616
0.444529	0.294714	0.552152	0.317964	0.617988	0.509001	0.495773	0.33707	0.340195	0.726031
0.383577	0.459453	0.418681	0.272492	0.505396	0.40051	0.537662	0.348293	0.401326	0.636364
0.4481	0.455056	0.514954	0.447299	0.613689	0.449901	0.496589	0.700206	0.708957	0.610545
0.523056	0.512669	0.694023	0.507206	0.523261	0.343298	0.604471	0.608374	0.547864	0.444893
0.517972	0.528783	0.579168	0.494226	0.664697	0.369429	0.539461	0.581966	0.530775	0.584026
0.599248	0.586943	0.506742	0.405604	0.512962	0.356761	0.589048	0.563899	0.517934	0.760031
0.484742	0.541051	0.597825	0.483957	0.573862	0.520983	0.638195	0.55226	0.527067	0.430356
0.502256	0.478268	0.670861	0.616148	0.609432	0.520983	0.704027	0.609465	0.544008	0.473018
0.507158	0.528783	0.605927	0.529163	0.619069	0.494066	0.608678	0.541857	0.570726	0.417749
0.501445	0.587932	0.429441	0.421535	0.686905	0.543237	0.560699	0.450356	0.525225	0.502201
0.40642	0.595926	0.398564	0.386479	0.507066	0.583401	0.638195	0.366003	0.5821	0.551012
0.322552	0.428197	0.382992	0.608802	0.392945	0.451377	0.384267	0.451113	0.641513	0.601524
0.412985	0.569516	0.500282	0.507206	0.482665	0.408473	0.420401	0.407161	0.588432	0.507561
0.459728	0.501979	0.48454	0.532642	0.733637	0.475701	0.689783	0.554178	0.479883	0.399148
0.438875	0.517693	0.448937	0.42561	0.572887	0.534198	0.609736	0.436207	0.656173	0.572392
0.447383	0.637153	0.399834	0.380902	0.525001	0.622148	0.448708	0.517333	0.501093	0.603762
0.391059	0.4775	0.386062	0.596492	0.49714	0.655136	0.492526	0.48174	0.567674	0.478868
0.46417	0.650668	0.530999	0.528298	0.486637	0.476484	0.4869	0.5475	0.651232	0.467245
0.446668	0.539277	0.457568	0.563395	0.403362	0.49652	0.611861	0.579921	0.457298	0.363534
0.361876	0.479038	0.276622	0.600556	0.523261	0.510693	0.374912	0.513814	0.701997	0.496907
0.4481	0.574287	0.422685	0.563395	0.574839	0.631001	0.374912	0.529876	0.58001	0.462358
0.457524	0.478268	0.4784	0.446583	0.454343	0.5023	0.4294	0.498326	0.370651	0.512079
0.639666	0.578142	0.328983	0.33981	0.492261	0.559049	0.522667	0.577886	0.436577	0.497785
0.683003	0.654114	0.527571	0.516361	0.458064	0.608137	0.547648	0.546555	0.373234	0.339685
0.523056	0.402903	0.557605	0.624698	0.511269	0.604967	0.531425	0.705622	0.277169	0.409065
0.527338	0.351725	0.479927	0.60363	0.4996	0.482001	0.565456	0.722287	0.443375	0.543136
0.467907	0.422749	0.565916	0.725033	0.680621	0.590471	0.475086	0.639993	0.524307	0.603762
0.499826	0.50524	0.619424	0.68604	0.689444	0.732553	0.640463	0.527158	0.569706	0.441792
0.545799	0.440713	0.636633	0.550467	0.685641	0.796338	0.672305	0.545611	0.438831	0.502201
0.640783	0.443544	0.581095	0.470129	0.586736	0.466419	0.551337	0.64589	0.392435	0.538285
0.610566	0.685179	0.632266	0.467115	0.4996	0.514951	0.57611	0.56785	0.474944	0.559033
0.691712	0.503606	0.513299	0.408875	0.648176	0.588439	0.529659	0.429663	0.578968	0.590505

0.666093	0.480582	0.605927	0.444439	0.688173	0.575459	0.520937	0.438411	0.375181	0.576586
0.493411	0.431638	0.647745	0.488666	0.55198	0.516666	0.441456	0.485007	0.401326	0.564122
0.391059	0.441419	0.548554	0.540573	0.636749	0.450638	0.620462	0.619404	0.551754	0.537322
0.550313	0.626203	0.491553	0.407564	0.393589	0.355574	0.53231	0.633021	0.663693	0.506663
0.625412	0.570466	0.55578	0.57479	0.714336	0.499813	0.505664	0.338822	0.503709	0.484798
0.493411	0.589916	0.935649	0.775445	0.792419	0.471035	0.528779	0.445838	0.535455	0.701469
0.408379	0.512669	0.664966	0.508856	0.681871	0.585409	0.623733	0.460309	0.545931	0.52405
0.514616	0.446394	0.343821	0.422889	0.363715	0.417952	0.552264	0.378651	0.549805	0.399148
0.52562	0.651814	0.451078	0.346584	0.434783	0.413187	0.473535	0.382519	0.51613	0.424378
0.51966	0.651814	0.637732	0.524854	0.540987	0.520983	0.566414	0.357974	0.400636	0.345835
0.5282	0.618699	0.61732	0.559662	0.607319	0.402487	0.462073	0.371649	0.545931	0.501314
0.417639	0.392048	0.482997	0.509684	0.459562	0.519251	0.642743	0.613854	0.670061	0.547056
0.544902	0.563859	0.297719	0.392129	0.411342	0.4892	0.605519	0.539063	0.560637	0.353332
0.593196	0.614469	0.297719	0.332038	0.507903	0.503966	0.452379	0.391679	0.451054	0.404078
0.561341	0.691416	0.527571	0.523142	0.558524	0.483591	0.363345	0.295929	0.371295	0.422157
0.50307	0.682708	0.452512	0.451625	0.444091	0.516666	0.439304	0.395665	0.622706	0.541189
0.467907	0.490753	0.453951	0.643447	0.386559	0.672005	0.648497	0.534445	0.675223	0.462358
0.533405	0.639376	0.642154	0.636737	0.296947	0.687004	0.510696	0.669057	0.476584	0.363534
0.410347	0.488384	0.364428	0.473926	0.343158	0.616706	0.344535	0.407161	0.347458	0.348943
0.329045	0.466882	0.464894	0.463377	0.551053	0.494883	0.415632	0.563899	0.527067	0.446452
0.395483	0.52534	0.612105	0.504742	0.485044	0.594563	0.309194	0.401037	0.530775	0.425864
0.39295	0.554592	0.664966	0.485521	0.420156	0.694703	0.490911	0.450356	0.414658	0.396356
0.460465	0.427513	0.442574	0.485521	0.362514	0.47884	0.530541	0.747047	0.498492	0.49603
0.523056	0.57621	0.561279	0.601579	0.394233	0.477268	0.356195	0.448091	0.324283	0.516644
0.679324	0.900357	0.59383	0.608802	0.397472	0.49652	0.371226	0.366626	0.430623	0.449587
0.731148	0.751993	0.566849	0.516361	0.377773	0.550607	0.534087	0.519103	0.483208	0.529688
0.479314	0.413375	0.625798	0.413496	0.48584	0.492438	0.528779	0.676637	0.536397	0.483095
0.514616	0.382689	0.561279	0.386479	0.540987	0.553403	0.42384	0.345906	0.309493	0.49081
0.507981	0.397123	0.525868	0.473164	0.456572	0.509846	0.340526	0.423215	0.525225	0.609407
0.742299	0.482908	0.498682	0.476221	0.472502	0.497341	0.399013	0.549398	0.508989	0.432619
0.610566	0.422749	0.55578	0.290114	0.390379	0.541414	0.494147	0.617176	0.513438	0.451953
0.644148	0.478268	0.587906	0.370559	0.436202	0.465654	0.536765	0.499172	0.354225	0.390825
0.61161	0.460929	0.553962	0.355203	0.563259	0.486787	0.57611	0.538135	0.512545	0.678221
0.522205	0.469889	0.57725	0.493427	0.607319	0.63212	0.578076	0.626159	0.545931	0.715749
0.515453	0.447109	0.493916	0.440184	0.623422	0.479628	0.717394	0.689573	0.586311	0.617436
0.681773	0.551849	0.448937	0.420185	0.601041	0.480418	0.691059	0.539992	0.675223	0.582955
0.461943	0.62083	0.431488	0.44089	0.513811	0.531523	0.618296	0.431108	0.732008	0.744246
0.403822	0.475967	0.584001	0.512175	0.429852	0.41251	0.507335	0.399688	0.544008	0.474681
0.686714	0.53663	0.543213	0.583537	0.473275	0.458081	0.659049	0.398343	0.428411	0.367422
0.527338	0.455056	0.489985	0.596492	0.685641	0.638898	0.653155	0.464981	0.525225	0.554002
0.42847	0.602019	0.450363	0.439479	0.477163	0.447696	0.611861	0.50172	0.526145	0.665106
0.409034	0.49393	0.402385	0.405604	0.42706	0.5271	0.535871	0.397002	0.66878	0.482247
0.438875	0.472917	0.360344	0.530899	0.44992	0.47492	0.409576	0.347695	0.508104	0.493412
0.573612	0.553676	0.533587	0.568106	0.467891	0.374354	0.499046	0.54373	0.518839	0.474681
0.62866	0.663438	0.446806	0.473926	0.723879	0.651605	0.540363	0.42464	0.557656	0.448801
0.436076	0.569516	0.433546	0.53527	0.502903	0.643476	0.519213	0.476885	0.523391	0.515727
0.393582	0.504422	0.476119	0.73605	0.431959	0.590471	0.456827	0.55035	0.600286	0.495156

0.415638	0.607163	0.476878	0.502293	0.459562	0.565731	0.509012	0.489125	0.409698	0.539251
0.613705	0.685179	0.582061	0.513845	0.437626	0.454344	0.388702	0.281326	0.429884	0.514812
0.672057	0.551849	0.524171	0.671373	0.58473	0.584404	0.394472	0.487473	0.594858	0.70998
0.585256	0.46464	0.399198	0.590465	0.66832	0.819866	0.46132	0.559012	0.594858	0.611686
0.483963	0.508526	0.386679	0.433183	0.432663	0.481209	0.497406	0.529876	0.545931	0.544113
0.467157	0.63274	0.553962	0.466365	0.408666	0.545986	0.512386	0.579921	0.525225	0.546073
0.636335	0.685179	0.497087	0.501479	0.65518	0.625447	0.520074	0.469703	0.55568	0.453538
0.672057	0.568568	0.438384	0.595481	0.690719	0.696	0.478988	0.531698	0.588432	0.588335
0.398672	0.413375	0.448225	0.541463	0.474826	0.67944	0.554124	0.716661	0.561636	0.651123
0.471676	0.518536	0.588888	0.60466	0.429153	0.529748	0.373065	0.674096	0.441097	0.599298
0.630839	0.535751	0.597825	0.63342	0.47173	0.497341	0.386162	0.600817	0.386385	0.353332
0.666093	0.457249	0.542329	0.663041	0.719764	0.661086	0.383008	0.390359	0.29519	0.398449
0.56602	0.34829	0.644382	0.596492	0.620153	0.537791	0.46586	0.493283	0.363625	0.589419
0.578426	0.392679	0.523325	0.385234	0.526748	0.446232	0.581041	0.679194	0.484043	0.601524
0.657879	0.639376	0.65341	0.487878	0.462572	0.426942	0.524405	0.64589	0.561636	0.615127
0.58134	0.467632	0.602871	0.621472	0.649336	0.528864	0.4877	0.519103	0.412525	0.661248
0.483963	0.380228	0.57725	0.545042	0.70632	0.509846	0.468148	0.539992	0.447198	0.623263
0.439578	0.42957	0.535322	0.398494	0.608374	0.47181	0.545815	0.598681	0.616991	0.756828
0.520507	0.471401	0.52248	0.394029	0.452126	0.326896	0.540363	0.405793	0.58001	0.5631
0.752296	0.52534	0.412744	0.267247	0.517224	0.444046	0.643888	0.368503	0.475763	0.375305
0.668469	0.498741	0.614183	0.508856	0.663496	0.629884	0.561646	0.471289	0.540186	0.683581
0.51966	0.476733	0.68412	0.537913	0.695858	0.56477	0.619378	0.725128	0.526145	0.549029
0.427101	0.526199	0.553056	0.427663	0.615833	0.53689	0.530541	0.453394	0.533577	0.615127
0.391059	0.497936	0.446806	0.436669	0.5347	0.383742	0.624828	0.407847	0.502835	0.629169
0.638553	0.556429	0.424028	0.523997	0.583731	0.431156	0.526149	0.246357	0.395833	0.501314
0.511286	0.564797	0.752939	0.781597	0.943364	0.580405	0.477423	0.333585	0.335419	0.565148
0.541332	0.499548	0.635537	0.55504	0.683124	0.505638	0.643888	0.457992	0.483208	0.584026
0.618987	0.579111	0.418681	0.505562	0.488237	0.478053	0.640463	0.414068	0.563639	0.49603
0.618987	0.617638	0.692773	0.705099	0.585732	0.592512	0.504	0.355534	0.382398	0.349567
0.545799	0.559201	0.721148	0.55504	0.613689	0.410487	0.438589	0.316012	0.303936	0.254556
0.416971	0.476733	0.57725	0.610888	0.704999	0.575459	0.589048	0.369759	0.602477	0.560046
0.414309	0.570466	0.669676	0.702509	0.5428	0.720023	0.67353	0.522664	0.610232	0.558022
0.53691	0.656426	0.386062	0.539685	0.358335	0.515807	0.575131	0.598681	0.726129	0.448801
0.556712	0.607163	0.430805	0.443727	0.379018	0.541414	0.54399	0.451113	0.492484	0.348943
0.394848	0.515174	0.48454	0.553205	0.502075	0.559997	0.534978	0.427503	0.673927	0.600409
0.422345	0.561058	0.627943	0.738849	0.625615	0.414543	0.435032	0.457992	0.697874	0.730514
0.426419	0.64725	0.550349	0.528298	0.548285	0.454344	0.536765	0.638823	0.818494	0.651123
0.567905	0.506059	0.475362	0.422889	0.431959	0.485186	0.386162	0.55226	0.461246	0.456724
0.50963	0.489172	0.55578	0.763395	0.632261	0.591491	0.433617	0.442108	0.405492	0.377964
0.544902	0.624046	0.588888	0.654865	0.563259	0.683206	0.478205	0.474478	0.724672	0.717203
0.545799	0.47444	0.458295	0.711642	0.690719	0.789843	0.587032	0.659151	0.732008	0.528743
0.765498	0.514337	0.558521	0.422211	0.530264	0.725547	0.520074	0.669057	0.700619	0.546073
0.585256	0.416699	0.543213	0.513845	0.632261	0.634368	0.355015	0.607287	0.565652	0.683581
0.797958	0.589916	0.657996	0.540573	0.566125	0.528864	0.449439	0.494957	0.474944	0.72752
0.865547	0.800869	0.841737	0.538798	0.591791	0.653956	0.477423	0.57586	0.497629	0.550019
0.768487	0.717302	0.776513	0.51552	0.47173	0.602866	0.562595	0.727987	0.506341	0.764881
0.612656	0.494729	0.588888	0.607763	0.583731	0.608137	0.559753	0.596556	0.429147	0.581887

0.555792	0.511007	0.713224	0.622545	0.815624	0.572517	0.406247	0.599748	0.494192	0.50309
0.783748	0.600998	0.62048	0.595481	0.637878	0.62766	0.425223	0.747047	0.614727	0.519406
0.638553	0.604069	0.6455	0.407564	0.473275	0.653956	0.454597	0.610558	0.471682	0.545092
0.622187	0.50524	0.686575	0.479299	0.516368	0.482795	0.435741	0.558041	0.641513	0.717203
0.499019	0.502792	0.685346	0.544145	0.583731	0.409143	0.312922	0.410601	0.732008	0.871174
0.42847	0.399682	0.61732	0.559662	0.652833	0.514951	0.40163	0.431833	0.447198	0.598189
0.648677	0.508526	0.734686	0.524854	0.572887	0.606021	0.605519	0.681765	0.482375	0.524984
0.484742	0.527058	0.793495	0.371161	0.516368	0.525343	0.628131	0.753084	0.576893	0.652375
0.510457	0.646116	0.804659	0.590465	0.576799	0.531523	0.639327	0.507725	0.509875	0.574484
0.438174	0.502792	0.599837	0.561524	0.50623	0.374974	0.47431	0.392341	0.478231	0.629169
0.771497	0.616579	0.476878	0.348294	0.374678	0.503966	0.506499	0.451113	0.534515	0.668999
0.60745	0.563859	0.799839	0.447299	0.694567	0.644628	0.432207	0.64589	0.485718	0.551012
0.590202	0.527058	0.701602	0.688533	0.838341	0.525343	0.610797	0.563899	0.519745	0.463169
0.477009	0.480582	0.619424	0.636737	0.782841	0.540506	0.612926	0.477691	0.661172	0.652375
0.704463	0.529648	0.558521	0.491834	0.654005	0.530635	0.613995	0.701554	0.785475	0.700066
0.869313	0.651814	0.487643	0.390867	0.812232	0.86534	0.799321	0.713875	0.513438	0.66253
0.584274	0.670564	0.446806	0.475454	0.71031	0.877	0.799321	0.416862	0.528917	0.896833
0.453875	0.648386	0.540566	0.557807	0.805527	0.533305	0.727002	0.417564	0.589497	0.779763
0.614756	0.59191	0.635537	0.60466	0.797288	0.433987	0.4294	0.413373	0.620411	0.608272
0.709671	0.607163	0.58303	0.523142	0.746513	0.513242	0.701402	0.971643	0.88891	0.647386
0.559483	0.627286	0.490768	0.661863	0.77813	0.818143	1.021257	0.842178	0.652462	0.774746
0.489449	0.714643	0.667315	0.631223	0.54462	0.680691	0.807596	0.637657	0.893178	0.812964
0.542222	0.827538	0.412089	0.591463	0.438339	0.514096	0.604471	0.661607	0.71603	0.428854
0.580367	0.74483	0.497884	0.53527	0.473275	0.640038	0.62155	0.730866	0.634364	0.564122
0.666093	0.658751	0.524171	0.712963	0.610492	0.546906	0.651986	0.505141	0.70616	0.521258
0.668469	0.503606	0.496292	0.744501	0.662298	0.720023	0.60657	0.507725	0.933602	0.858891
0.713618	0.535751	0.461215	0.703802	0.512962	0.766318	0.742544	0.664076	0.823945	0.640007
0.51966	0.732226	0.460483	0.631223	0.535592	0.72416	0.860859	0.729424	0.769054	0.402664
0.617925	0.542832	0.33442	0.543249	0.503732	0.585409	0.857097	0.742574	0.679136	0.647386
0.593196	0.38828	0.39102	0.784706	0.633379	0.619963	0.564501	0.585051	0.825778	0.581887
0.72704	0.728105	0.589872	0.697375	0.628926	0.791458	0.563547	0.666559	0.790524	0.812964
0.713618	0.736387	0.609005	0.73327	0.485044	0.746912	0.562595	0.549398	0.724672	0.724547
0.460465	0.747681	0.619424	0.684799	0.52413	0.542325	0.540363	0.582992	0.628496	0.560046
0.659043	0.646116	0.556692	0.813739	0.577783	0.538694	0.562595	0.531698	0.568689	0.495156
0.644148	0.358677	0.624729	0.720972	0.581739	0.742554	0.428701	0.456454	0.714606	0.730514
0.599248	0.463895	0.634444	0.641198	0.481086	0.664695	0.442897	0.518217	0.710362	0.837236
0.703171	0.624046	0.544098	0.477757	0.359525	0.57842	0.428003	0.514691	0.448736	0.733528
0.681773	0.754892	0.547659	0.643447	0.478728	0.684468	0.384898	0.578902	0.548833	0.643681
0.705759	0.638263	0.691526	0.761912	0.679375	0.789843	0.571235	0.754607	0.609116	0.547056
0.669662	0.421397	0.540566	0.635628	0.513811	0.642327	0.490106	0.753084	0.737967	0.581887
0.518816	0.517693	0.490768	0.563395	0.604168	0.557159	0.489302	0.665316	0.619268	0.766509
0.587228	0.501979	0.646621	0.611935	0.573862	0.689555	0.632575	0.748549	0.495907	0.532535
0.716269	0.728105	0.675636	0.677424	0.540987	0.770922	0.587032	0.669057	0.527067	0.653632
0.586241	0.507702	0.674438	0.790992	0.836551	0.735387	0.60657	0.572839	0.425479	0.50309
0.61161	0.3523	0.563128	0.738849	0.739312	0.603915	0.579062	0.636493	0.597021	0.637575
0.47092	0.393311	0.702878	0.581578	0.531148	0.338711	0.500691	0.692207	0.468444	0.72752
0.468658	0.458717	0.633354	0.520586	0.443368	0.356167	0.513233	0.480927	0.442614	0.623263

0.484742	0.565737	0.65915	0.525712	0.446268	0.641181	0.66623	0.48337	0.326604	0.601524
0.705759	0.598962	0.498682	0.547746	0.507903	0.63212	0.525276	0.621644	0.646345	0.649873
0.721621	0.528783	0.570603	0.511343	0.453603	0.732553	0.58005	0.653073	0.627332	0.860914
0.511286	0.446394	0.717168	0.545942	0.505396	0.610263	0.632575	0.571836	0.520654	0.755235
0.531663	0.401612	0.55487	0.468619	0.353022	0.667118	0.635938	0.606202	0.441855	0.642453
0.532533	0.479809	0.610036	0.625779	0.480298	0.669554	0.4885	0.587121	0.527991	0.850891
0.585256	0.496329	0.638833	0.716949	0.448455	0.621054	0.564501	0.582992	0.615857	0.690374
0.453875	0.422072	0.657996	0.62362	0.654005	0.720023	0.600304	0.605119	0.585255	0.676892
0.50307	0.515174	0.727864	0.538798	0.745063	0.594563	0.527901	0.55514	0.479883	0.552006
0.595204	0.32336	0.411436	0.438775	0.507903	0.670778	0.611861	0.480927	0.344417	0.495156
0.493411	0.482131	0.408182	0.47469	0.526748	0.739673	0.464342	0.533527	0.485718	0.700066
0.541332	0.463895	0.557605	0.643447	0.640146	0.543237	0.335426	0.510324	0.613599	0.695886
0.580367	0.451426	0.589872	0.591463	0.609432	0.559049	0.462828	0.579921	0.557656	0.778084
0.539558	0.415366	0.491553	0.556883	0.620153	0.579411	0.63146	0.806378	0.551754	0.500429
0.626492	0.732226	0.691526	0.673783	0.508742	0.673235	0.697494	0.738146	0.520654	0.52686
0.554874	0.675381	0.606951	0.927502	0.679375	0.82683	0.605519	0.73522	0.404795	0.468065
0.571702	0.447109	0.543213	0.844852	0.70632	0.96878	0.67971	0.675365	0.637924	0.668999
0.672057	0.584972	0.584001	0.673783	0.606266	0.661086	0.54673	0.694857	0.619268	0.786545
0.56602	0.406801	0.476119	0.624698	0.420842	0.429747	0.341097	0.605119	0.48488	0.626797
0.502256	0.585956	0.506742	0.476221	0.448455	0.710522	0.513233	0.5892	0.499357	0.464795
0.524764	0.633839	0.4784	0.57479	0.510426	0.706513	0.504832	0.48337	0.684408	0.565148
0.739484	0.570466	0.527571	0.611935	0.462572	0.717287	0.528779	0.514691	0.591633	0.542162
0.801179	0.59191	0.470845	0.702509	0.387193	0.628771	0.501516	0.52088	0.538287	0.50309
0.597221	0.586943	0.459753	0.668976	0.485044	0.455835	0.468148	0.590243	0.718891	0.587253
0.322552	0.471401	0.514954	0.564333	0.512962	0.47414	0.53856	0.480927	0.553713	0.396356
0.470165	0.519381	0.346625	0.491834	0.466364	0.513242	0.478205	0.413373	0.603576	0.537322
0.480858	0.529648	0.37752	0.554122	0.391019	0.34677	0.463584	0.447338	0.605784	0.812964
0.529063	0.544621	0.421346	0.635628	0.512115	0.573496	0.433617	0.344717	0.461246	0.500429
0.334531	0.532253	0.37451	0.468619	0.412014	0.365166	0.482136	0.453394	0.548833	0.417749
0.307768	0.488384	0.501084	0.414161	0.267537	0.334172	0.54673	0.426069	0.438831	0.364826
0.418979	0.417367	0.435613	0.585505	0.481086	0.514951	0.430801	0.34235	0.542093	0.394274
0.413646	0.709373	0.352289	0.503924	0.678133	0.614548	0.525276	0.30885	0.517934	0.434135
0.370787	0.399682	0.284841	0.33314	0.378395	0.36638	0.467384	0.317125	0.589497	0.456724
0.306731	0.419377	0.540566	0.506383	0.462572	0.385009	0.384898	0.228737	0.557656	0.489946
0.437474	0.443544	0.607977	0.51552	0.545533	0.431862	0.570267	0.611654	0.376484	0.437182
0.653253	0.577175	0.603888	0.440184	0.562308	0.615625	0.674759	0.514691	0.335419	0.459935
0.546698	0.657587	0.618371	0.540573	0.523261	0.560948	0.60657	0.440625	0.635548	0.478027
0.338414	0.325519	0.457568	0.399778	0.658724	0.493252	0.627028	0.478497	0.610232	0.718662
0.433989	0.397123	0.625798	0.43737	0.461817	0.456582	0.579062	0.54373	0.651232	0.72752
0.625412	0.637153	0.552152	0.453077	0.427756	0.47492	0.504832	0.511194	0.442614	0.591595
0.540444	0.580082	0.479927	0.361045	0.430553	0.57842	0.446519	0.511194	0.415371	0.602641
0.491822	0.416699	0.497884	0.371161	0.386559	0.444046	0.388066	0.354318	0.488243	0.584026
0.487089	0.245675	0.31307	0.275863	0.39166	0.371885	0.348	0.326698	0.340195	0.554002
0.524764	0.346015	0.387296	0.412171	0.387829	0.35027	0.251197	0.447338	0.503709	0.647386
0.477776	0.482131	0.599837	0.582557	0.449187	0.509846	0.34511	0.533527	0.504584	0.438713
0.452424	0.499548	0.692773	0.356365	0.305804	0.471035	0.424531	0.591289	0.559641	0.484798
0.434683	0.337589	0.466374	0.379673	0.449187	0.47181	0.370615	0.490784	0.420395	0.611686

0.511286	0.3523	0.37873	0.371161	0.500424	0.685734	0.453857	0.461084	0.4449	0.404078
0.631933	0.583989	0.691526	0.614037	0.455828	0.461851	0.376767	0.409222	0.486558	0.516644
0.511286	0.633839	0.530999	0.504742	0.261791	0.294295	0.570267	0.485827	0.557656	0.492543
0.450256	0.375345	0.482997	0.494226	0.496323	0.506476	0.32761	0.269187	0.476584	0.386043
0.640783	0.446394	0.52248	0.510513	0.569976	0.662285	0.383008	0.445089	0.46523	0.392201
0.634128	0.559201	0.404309	0.486305	0.344883	0.568627	0.443619	0.492448	0.532641	0.415561
0.45606	0.664617	0.500282	0.610888	0.516368	0.539599	0.460568	0.362279	0.460453	0.483095
0.494208	0.501167	0.432173	0.49663	0.40139	0.517526	0.629238	0.65671	0.481543	0.478027
0.631933	0.462409	0.440474	0.568106	0.4996	0.638898	0.625926	0.5475	0.559641	0.417749
0.605385	0.541051	0.567784	0.579628	0.567085	0.867262	0.560699	0.529876	0.491633	0.376633
0.67326	0.440713	0.450363	0.730507	0.455828	0.520116	0.442897	0.418266	0.558648	0.453538
0.50307	0.637153	0.613143	0.518891	0.33973	0.417268	0.601342	0.63187	0.634364	0.695886
0.5282	0.514337	0.378125	0.519738	0.299533	0.507316	0.514933	0.522664	0.767446	0.449587
0.364234	0.519381	0.432859	0.542355	0.343732	0.5271	0.527901	0.398343	0.592705	0.368726
0.578426	0.566678	0.436996	0.53527	0.364919	0.559049	0.62264	0.439148	0.610232	0.461549
0.511286	0.644986	0.518283	0.608802	0.671974	0.517526	0.527901	0.354318	0.695147	0.589419
0.469411	0.589916	0.563128	0.486305	0.446996	0.355574	0.684717	0.558041	0.711772	0.652375
0.603329	0.482908	0.406887	0.660689	0.455085	0.467952	0.633693	0.679194	0.73947	0.518484
0.50307	0.607163	0.431488	0.53703	0.458812	0.524468	0.486103	0.511194	0.551754	0.434135
0.622187	0.582031	0.403026	0.62362	0.58473	0.646941	0.523535	0.423927	0.561636	0.503981
0.5282	0.613417	0.514126	0.536149	0.555707	0.48759	0.560699	0.532612	0.661172	0.651123
0.543113	0.572372	0.451795	0.683561	0.404682	0.554339	0.628131	0.623896	0.517934	0.360961
0.473954	0.486029	0.461948	0.674994	0.433369	0.422078	0.454597	0.29487	0.59378	0.343365
0.539558	0.425464	0.360925	0.49263	0.420842	0.508158	0.447248	0.250637	0.578968	0.532535
0.414973	0.421397	0.39352	0.570958	0.370993	0.405802	0.372451	0.322167	0.480712	0.351446
0.376831	0.550939	0.499481	0.40691	0.344883	0.218428	0.438589	0.445089	0.584201	0.518484
0.4424	0.506059	0.372714	0.577686	0.55198	0.547828	0.67971	0.669057	0.597021	0.572392
0.441693	0.583009	0.439776	0.645706	0.443368	0.643476	0.514933	0.492448	0.62617	0.463169
0.554874	0.404848	0.481459	0.473926	0.289279	0.525343	0.414279	0.440625	0.437327	0.318239
0.433989	0.402257	0.37451	0.443727	0.480298	0.495701	0.399666	0.521771	0.568689	0.407634
0.329591	0.224156	0.386062	0.659518	0.548285	0.431862	0.533198	0.464199	0.696509	0.521258
0.457524	0.469135	0.359764	0.530899	0.500424	0.495701	0.47431	0.429663	0.592705	0.548042
0.358946	0.423426	0.415373	0.487878	0.379018	0.484388	0.553193	0.48174	0.568689	0.358403
0.382343	0.508526	0.537063	0.545042	0.429852	0.490007	0.458319	0.443596	0.451054	0.381985
0.429156	0.518536	0.445391	0.545042	0.746513	0.626552	0.520937	0.357363	0.585255	0.474681
0.439578	0.599978	0.410131	0.58452	0.498779	0.446232	0.729787	0.499172	0.629663	0.52405
0.51966	0.691416	0.418681	0.49824	0.336329	0.518387	0.57611	0.364137	0.528917	0.35713
0.399312	0.50688	0.434922	0.41085	0.3403	0.484388	0.567374	0.407847	0.527991	0.406921
0.572656	0.4775	0.287779	0.405604	0.295402	0.540506	0.4885	0.409222	0.494192	0.369379
0.439578	0.562923	0.435613	0.510513	0.451389	0.38628	0.435741	0.458763	0.547864	0.569272
0.412324	0.671764	0.44965	0.551378	0.448455	0.373736	0.65082	0.539992	0.478231	0.444116
0.4517	0.540163	0.458295	0.65371	0.338593	0.419323	0.628131	0.610558	0.656173	0.44025
0.505518	0.4775	0.473851	0.578656	0.389102	0.410487	0.524405	0.381872	0.695147	0.511172
0.521355	0.472917	0.488422	0.469373	0.481086	0.513242	0.526149	0.338822	0.508104	0.651123
0.358362	0.551849	0.499481	0.479299	0.4996	0.376216	0.4301	0.370388	0.483208	0.557014
0.387302	0.551849	0.483768	0.550467	0.368553	0.3491	0.641602	0.447338	0.47006	0.620923
0.41965	0.53751	0.344381	0.590465	0.361914	0.482001	0.725617	0.464199	0.675223	0.46561

0.4424	0.486813	0.310992	0.419511	0.416066	0.519251	0.610797	0.374818	0.508989	0.475515
0.351419	0.366931	0.358605	0.480846	0.508742	0.428342	0.475864	0.366003	0.451054	0.532535
0.347989	0.509352	0.390397	0.420185	0.465603	0.359146	0.480559	0.564884	0.488243	0.644912
0.514616	0.597947	0.443277	0.518891	0.372218	0.421388	0.604471	0.651868	0.666229	0.538285
0.473954	0.520227	0.399834	0.532642	0.360121	0.461851	0.566414	0.461861	0.447198	0.386723
0.487875	0.508526	0.361507	0.388981	0.385293	0.416585	0.66623	0.426069	0.530775	0.504873
0.439578	0.562923	0.392893	0.403653	0.641284	0.644628	0.598236	0.525355	0.463632	0.638789
0.392318	0.547317	0.6455	0.424928	0.514662	0.476484	0.523535	0.488298	0.413946	0.510266
0.369588	0.455786	0.414714	0.451625	0.458812	0.528864	0.432911	0.521771	0.485718	0.592687
0.347419	0.418036	0.227755	0.451625	0.472502	0.5271	0.585026	0.353107	0.42402	0.599298
0.276719	0.395213	0.33442	0.378446	0.366733	0.359146	0.498225	0.397672	0.416085	0.493412
0.391059	0.314303	0.338266	0.416159	0.486637	0.429747	0.549488	0.471289	0.437327	0.73962
0.398672	0.472917	0.326827	0.464122	0.600003	0.494883	0.605519	0.641166	0.685736	0.732018
0.494208	0.433715	0.392268	0.423568	0.360718	0.410487	0.554124	0.572839	0.657418	0.610545
0.352569	0.444967	0.403667	0.404303	0.293352	0.339282	0.53231	0.428222	0.432846	0.543136
0.366012	0.542832	0.379337	0.290114	0.359525	0.298954	0.560699	0.440625	0.294109	0.455926
0.292968	0.392048	0.306351	0.335352	0.485044	0.382478	0.332619	0.392341	0.334826	0.494283
0.325786	0.37778	0.31307	0.355783	0.477945	0.442595	0.334301	0.299124	0.338996	0.451953
0.327413	0.437901	0.453951	0.60466	0.52413	0.429747	0.354426	0.368503	0.354845	0.542162
0.274309	0.359262	0.350582	0.511343	0.444815	0.306302	0.466622	0.316568	0.326604	0.431864
0.394215	0.37778	0.385446	0.276831	0.418788	0.187155	0.355015	0.321604	0.208632	0.41848
0.398032	0.516852	0.384832	0.290114	0.332954	0.340998	0.397711	0.331277	0.302282	0.413385
0.493411	0.516012	0.36209	0.279748	0.246372	0.184748	0.38238	0.539992	0.466031	0.61283
0.491822	0.553676	0.425375	0.304331	0.355375	0.349685	0.420401	0.492448	0.491633	0.635157
0.749416	0.550939	0.461215	0.446583	0.465603	0.383742	0.477423	0.498326	0.455728	0.559033
1.25901	0.736387	0.641044	0.555596	0.59383	0.475701	0.442897	0.492448	0.416085	0.534443
1.534804	0.906499	0.926999	0.672577	0.775018	0.652779	0.4301	0.486649	0.404099	0.429604
0	0.916749	1.321187	0.589468	0.869963	0.529748	0.585026	0.464981	0.401326	0.374642
0	0	1.915255	0.62362	0.860421	0.6973	0.547648	0.637657	0.466031	0.522187
0	0	0	1.434407	1.125112	1.017663	0.620462	0.711106	0.59378	0.455926
0	0	0	0	0	0.7646	0.908737	0.851608	0.621557	0.592687
0	0	0	0	0	0	1.325248	1.218925	1.019176	0.83532
0.212118	0	0	0	0	0	0	0.417528	0.835057	0.789976
1.805404	0.106059	0	0	0	0	0	0	0.208764	1.527386
0.600265	1.302464	0.05303	0	0	0	0	0	0	0.104382
0.672057	0.852297	1.234848	0	0	0	0	0	0	0
0.599248	0.654114	1.519488	0.470353	0	0	0	0	0	1.983211
0.601284	0.769683	0.984123	0.940706	0.585786	0	0	0	0	0
0.765498	0.99039	0.480692	0.70122	1.075924	1.098219	0.779159	1.092611	1.981635	0
0.681773	0.910642	0.616272	0.698653	0.78601	0.558103	1.249677	1.000215	1.637115	0.669594
0.666093	0.868992	0.788798	0.676207	0.901988	0.562855	1.021257	1.168642	1.339188	1.24574
0.627574	0.819027	0.806277	0.868795	0.996784	0.698604	0.757172	0.940134	1.152293	1.199016
0.867426	0.859638	0.579168	0.676207	0.914633	1.040014	0.948462	0.73522	0.947959	2.402071
0.52562	0.934165	0.66263	0.783149	0.936563	1.017663	1.600014	0.796189	1.224122	2.229757
0.64754	0.848672	0.553962	0.668976	1.085326	0.828588	1.102125	1.164703	0.94312	2.229757
0.840057	0.599978	0.691526	0.661863	0.847405	0.721398	1.085969	1.265789	1.247725	1.909257
0.90477	1.026898	0.874621	0.684799	0.96443	0.999008	0.894219	1.048437	0.761072	1.577177

0.537791	0.997959	1.085427	1.171039	1.318776	1.16545	1.515547	1.251191	1.133245	1.293146
0.561341	0.701586	1.177858	1.463198	0.736465	0.809626	1.761237	1.011089	1.417747	1.101182
0.564142	0.78189	0.999028	1.072885	0.807193	0.788234	1.085969	0.912947	1.176311	1.060804
1.041076	1.01615	0.718491	0.726395	0.770391	0.49652	0.829879	0.787877	0.84839	0.930837
0.700598	0.846871	0.67205	0.817088	0.96443	0.853984	0.79443	0.65671	1.042733	1.028008
0.49103	0.699021	0.523325	0.682327	0.770391	0.640038	0.946158	0.498326	1.197393	1.115522
0.633029	0.791276	0.606951	0.764883	0.644717	0.783444	1.10543	0.829309	1.956111	0.883814
0.50307	0.633839	0.607977	0.664221	0.691998	0.559049	0.989643	0.771716	1.140764	1.048138
0.831304	0.79445	0.491553	0.760434	0.921097	0.658696	0.836972	0.64589	0.747062	0.95825
0.769989	0.550939	0.519957	0.942947	0.719764	0.933734	0.864653	0.787877	1.019176	0.700066
0.66021	0.558275	0.416032	0.723675	0.883684	0.9076	0.849671	0.588159	0.814898	0.894636
0.557633	0.530514	0.482227	0.770887	0.548285	0.799622	0.874286	0.97925	1.04577	0.670305
0.610566	0.500357	0.513299	0.757494	0.664697	0.767847	0.522667	0.715265	1.140764	1.236638
0.742299	0.629459	0.517448	0.729132	0.567085	0.811316	0.802612	0.672831	1.193094	0.976385
0.561341	0.534874	0.519119	0.608802	0.608374	0.931495	0.943865	1.025076	1.238129	0.854872
0.524764	0.514337	0.62048	0.65835	0.881697	0.976142	0.718754	1.486781	0.777187	0.622091
0.515453	0.528783	0.361507	0.457461	0.648176	0.69341	0.773853	1.145527	0.787151	0.670305
0.503884	0.426146	0.564985	0.503108	0.679375	0.8411	0.844183	1.089302	0.876352	0.99531
0.563206	0.401612	0.568722	0.438072	0.543709	0.659889	0.512386	0.609465	0.778832	0.981708
0.396119	0.442126	0.642154	0.691041	0.62124	0.552469	0.754206	0.430385	0.336013	0.515727
0.35953	0.598962	0.518283	0.494226	0.663496	0.494066	0.659049	0.587121	0.429884	0.511172
0.420995	0.333161	0.6301	0.625779	0.557583	0.396583	0.587032	0.661607	0.599195	0.667698
0.298523	0.47444	0.55578	0.519738	0.5428	0.545986	0.442176	0.217523	0.373882	0.606011
0.312465	0.596935	0.685346	0.770887	0.614759	0.523594	0.584026	0.264228	0.282392	0.39775
0.475479	0.612369	0.382381	0.656024	0.379018	0.531523	0.549488	0.357363	0.26438	0.305071
0.678104	0.852297	0.557605	0.661863	0.382772	0.477268	0.692338	0.464981	0.368083	0.477188
0.643024	0.751993	0.764566	0.597504	0.516368	0.540506	0.608678	0.601888	0.474126	0.464795
0.892627	0.900357	0.904064	0.807117	0.608374	0.503132	0.445792	0.425354	0.178241	0.381312
0.908894	0.64725	0.682898	0.640079	0.44992	0.417268	0.447977	0.319358	0.288744	0.49603
0.764011	0.621899	0.462683	0.53703	0.507066	0.509846	0.590059	0.407161	0.447198	0.657423
0.717601	0.507702	0.382381	0.309002	0.392945	0.27862	0.632575	0.679194	0.530775	0.52405
0.888653	0.670564	0.601857	0.388981	0.424285	0.407136	0.473535	0.716661	0.747062	0.568237
0.691712	0.34094	0.347752	0.518046	0.33973	0.446964	0.492526	0.635333	0.584201	0.549029
0.329045	0.202429	0.186551	0.30692	0.214518	0.24702	0.408241	0.435475	0.400636	0.783141
0.273829	0.242535	0.194802	0.297164	0.218375	0.32193	0.357972	0.459535	0.299541	0.641228
0.218884	0.222019	0.19999	0.272972	0.106663	0.37127	0.41631	0.457222	0.568689	0.348943
0.325786	0.245225	0.335515	0.359284	0.35893	0.343875	0.454597	0.556105	0.501963	0.392891
0.42847	0.347151	0.407534	0.448737	0.543709	0.397235	0.339388	0.445089	0.356089	0.300026
0.364826	0.333712	0.232056	0.292619	0.348352	0.458081	0.261052	0.323295	0.444137	0.441792
0.147644	0.275971	0.36678	0.330391	0.256591	0.376838	0.411585	0.389042	0.339595	0.812964
0.210505	0.247479	0.274711	0.191743	0.305278	0.353209	0.40163	0.538135	0.567674	1.50004
0.37744	0.393944	0.424701	0.433183	0.43977	0.504801	0.752731	2.379139	0.269068	0
0.389803	0.579111	0.836491	1.232102	1.878301	2.160428	0.2524	0	0	0
1.038276	1.758162	0.289556	0.144778	0.072389	0	0	0	0	0
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0.233991	0.116995	0.058498	0.418584	1.615379	0.904184	1.504514	0.851908	1.156866	0.9417
1.127629	1.58288	1.609861	0.968343	0.778671	1.185424	1.029697	1.203394	0.67412	0.54669
0.922855	1.0124	0.840582	0.509221	0.464096	1.142712	0.829638	0.785995	0.593036	0.587983
0.480017	0.639548	0.727743	0.676841	0.569241	0.749472	0.577127	0.605507	0.362834	0.661487
0.430757	0.344413	0.512898	0.576691	0.478215	0.749472	0.685284	0.887524	0.577849	1.820932
0.4868	0.309923	0.35005	0.353996	0.685831	0.9684	1.318204	2.275311	1.431623	2.499436
0.290723	0.228989	0.515541	0.589206	0.675664	1.165487	1.148519	0.986468	1.494143	1.369102
0.320562	0.403267	0.59374	0.642023	0.770781	0.958609	0.7235	0.706597	0.931634	0.853484
0.580899	0.453315	0.575105	0.991763	1.224405	1.018181	0.710846	0.819727	1.028303	0.54669
1.098713	1.065675	0.851934	1.125306	1.078556	0.993888	0.81707	0.715219	0.961528	1.046409
1.435439	1.082194	1.782889	1.196246	0.770781	0.917093	0.82782	0.594378	0.625102	0.875449
1.237628	1.17392	1.185083	1.691375	0.959792	0.721952	0.710846	0.684409	0.593036	0.493412
1.110211	1.593366	1.104821	0.767185	0.638369	0.742059	0.87572	0.709452	0.538146	0.693957
1.588609	0.982793	0.950496	0.751529	0.697562	0.709501	0.815304	0.754694	0.883811	0.598679

0.751611	0.744524	0.540075	0.692662	0.838322	0.757014	0.667367	0.504388	0.455155	0.539071
0.659826	0.747541	0.520874	0.855243	0.785088	0.628831	0.694527	0.572939	0.55299	0.590101
0.868141	0.613214	0.453105	0.649252	0.48464	0.482199	0.57611	0.660731	0.741644	0.519686
0.862015	0.877085	0.681347	0.80549	0.600842	0.507144	0.408018	0.566709	0.83108	0.597597
0.718327	1.004123	0.706661	0.80549	0.576178	0.45027	0.539118	0.473368	0.537174	0.528809
0.64728	0.735598	0.724873	0.57772	0.731915	0.459375	0.304724	0.343518	0.437825	0.71751
0.541363	0.767678	0.492318	0.670415	0.554738	0.457844	0.359125	0.450686	0.550981	0.501994
0.424049	0.637194	0.409462	0.492813	0.398996	0.540024	0.712234	0.465131	0.525679	0.281201
0.684709	0.604416	0.421389	0.530876	0.62587	0.430457	0.516394	0.438238	0.633502	0.301478
0.439099	0.455627	0.588483	0.555621	0.455688	0.303808	0.616549	0.299567	0.36675	0.504602
0.600436	0.418607	0.265327	0.261223	0.390445	0.351329	0.416378	0.441317	0.599711	0.427321
0.587314	0.594727	0.255508	0.520816	0.486262	0.508	0.474229	0.5446	0.625102	0.299842
0.414539	0.697554	0.409462	0.492813	0.400994	0.734771	0.603367	0.43366	0.483377	0.370611
0.403819	0.516953	0.381977	0.52536	0.34123	0.498669	0.343384	0.391733	0.690388	0.502862
0.263314	0.506401	0.403278	0.501371	0.262701	0.32298	0.524438	0.32363	0.466554	0.3977
0.278386	0.246299	0.193202	0.477001	0.434994	0.334904	0.301472	0.228282	0.449565	0.356744
0.13738	0.288364	0.243537	0.388581	0.291289	0.25711	0.17984	0.19506	0.394499	0.351809
0.286392	0.275413	0.224593	0.256279	0.230437	0.384875	0.264242	0.309717	0.402256	0.310865
0.244813	0.227158	0.299405	0.388581	0.38142	0.421231	0.307452	0.499062	0.542055	0.363622
0.476665	0.409477	0.406015	0.376096	0.333163	0.344802	0.29028	0.35161	0.456765	0.43025
0.271565	0.283137	0.322005	0.382622	0.368844	0.266351	0.199026	0.346612	0.483377	0.448253
0.316502	0.378631	0.34109	0.316846	0.305517	0.421934	0.310198	0.33618	0.228638	0.209295
0.332976	0.279515	0.351865	0.238932	0.340069	0.559857	0.316859	0.368914	0.147505	0.335556
0.201964	0.339653	0.478309	0.215935	0.216251	0.281865	0.417787	0.505282	0.23199	0.345718
0.35449	0.39378	0.275375	0.307896	0.283582	0.451774	0.371	0.42021	0.227685	0.219125
0.337801	0.263333	0.261865	0.352153	0.222843	0.281356	0.253475	0.44364	0.473205	0.416508
0.257731	0.259873	0.344056	0.282103	0.329185	0.260492	0.262758	0.302924	0.229593	0.274476
0.323486	0.385811	0.302099	0.416813	0.363301	0.241049	0.257359	0.249608	0.302283	0.408747
0.408075	0.372206	0.287224	0.23517	0.246971	0.303272	0.267725	0.254102	0.268583	0.246641
0.272607	0.278486	0.316942	0.399381	0.278518	0.157747	0.263252	0.314305	0.283479	0.281201
0.369883	0.240138	0.190268	0.381965	0.385909	0.256629	0.323056	0.384218	0.293887	0.321602
0.306796	0.269331	0.338144	0.360821	0.277011	0.297953	0.312961	0.324219	0.289474	0.381639
0.384489	0.328553	0.407391	0.341256	0.288705	0.332035	0.18559	0.347856	0.290573	0.356124
0.399604	0.357779	0.376169	0.403501	0.363301	0.381658	0.387796	0.34848	0.244673	0.335556
0.480017	0.400536	0.505066	0.497928	0.411122	0.361613	0.415675	0.487741	0.418936	0.384275
0.549185	0.47864	0.53358	0.429811	0.490342	0.404696	0.373542	0.440545	0.428656	0.391607
0.505128	0.41437	0.420678	0.293199	0.368224	0.467891	0.389776	0.344753	0.361536	0.598679
0.403819	0.336704	0.278435	0.302942	0.466417	0.453284	0.489774	0.326585	0.288926	0.558375
0.378454	0.315485	0.431463	0.369666	0.445218	0.306495	0.428504	0.459456	0.419676	0.484163
0.457076	0.395796	0.456177	0.391927	0.416622	0.382942	0.346966	0.442864	0.393103	0.390936
0.427763	0.559958	0.395837	0.353996	0.45949	0.395333	0.414973	0.374838	0.516327	0.534376
0.35386	0.470566	0.26682	0.358949	0.307665	0.43769	0.412875	0.34848	0.415989	0.521495
0.246776	0.435246	0.362292	0.583947	0.395687	0.386817	0.438011	0.487741	0.437825	0.489183
0.33659	0.437463	0.511145	0.553666	0.335453	0.363453	0.547599	0.430635	0.512642	0.43025
0.371846	0.512525	0.235582	0.477001	0.265135	0.271295	0.465478	0.405027	0.53912	0.465438
0.426273	0.356546	0.259899	0.398698	0.286136	0.329754	0.24819	0.429882	0.540096	0.438409
0.4775	0.311584	0.305354	0.477819	0.420095	0.535433	0.292919	0.380845	0.475726	0.371894

0.46676	0.374764	0.438065	0.464913	0.404344	0.468674	0.473426	0.605507	0.357025	0.43025
0.500693	0.551202	0.386548	0.407661	0.432116	0.503734	0.485629	0.49206	0.350029	0.419365
0.563222	0.361496	0.478309	0.419668	0.415931	0.476578	0.379317	0.440545	0.333929	0.512522
0.450739	0.310476	0.346444	0.429811	0.479812	0.468674	0.511113	0.49818	0.315481	0.4452
0.26742	0.388451	0.498221	0.365853	0.525328	0.354931	0.42133	0.451476	0.541075	0.365517
0.416715	0.42217	0.513777	0.310673	0.426418	0.382942	0.519951	0.408594	0.626292	0.549582
0.546235	0.468969	0.428561	0.304038	0.398333	0.436234	0.541927	0.578201	0.562146	0.64311
0.395429	0.251581	0.444769	0.371585	0.43644	0.475782	0.746949	0.728481	0.625102	0.526969
0.375137	0.312695	0.423528	0.478639	0.496119	0.36039	0.550463	0.605507	0.65207	0.494262
0.375799	0.349226	0.479121	0.527191	0.452671	0.302203	0.5308	0.475035	0.625102	0.366785
0.369883	0.489365	0.484845	0.430545	0.480613	0.429025	0.658678	0.373515	0.472368	0.356744
0.554146	0.453315	0.53821	0.464119	0.561446	0.413574	0.596924	0.532998	0.7739	0.577543
0.425531	0.481092	0.498221	0.462535	0.3872	0.409454	0.672411	0.42021	0.603087	0.515195
0.442172	0.5649	0.412936	0.419668	0.454932	0.455558	0.596924	0.547549	0.538146	0.379019
0.377124	0.64073	0.393163	0.535526	0.556644	0.434059	0.399816	0.550519	0.37469	0.467835
0.502462	0.613214	0.434385	0.503972	0.527109	0.451022	0.378671	0.496423	0.69735	0.561345
0.461891	0.600083	0.503344	0.551721	0.393714	0.471819	0.690541	0.653117	0.79623	0.558375
0.433772	0.600083	0.565088	0.670415	0.589364	0.656902	0.563097	0.49206	0.551985	0.603032
0.394737	0.512525	0.526274	0.675548	0.474247	0.745009	0.850154	0.724015	0.381419	0.528809
0.497178	0.579044	0.472669	0.671693	0.705562	0.700058	0.520845	0.621584	0.393103	0.3977
0.625573	0.528681	0.432921	0.780128	0.665729	0.565694	0.437272	0.848342	0.701582	0.628949
0.475831	0.590489	0.475077	0.559556	0.577179	0.721952	0.60445	0.792882	0.600833	0.461472
0.380456	0.484382	0.479934	0.352766	0.513927	0.629965	0.510239	0.508877	0.448773	0.56234
0.310197	0.382532	0.475883	0.503104	0.448184	0.5503	0.57611	0.456247	0.348141	0.539071
0.449953	0.415073	0.534502	0.773608	0.502817	0.383585	0.462339	0.50978	0.388944	0.452873
0.498054	0.539796	0.607714	0.603184	0.434273	0.285446	0.383862	0.365657	0.410879	0.531584
0.542333	0.612104	0.569067	0.421102	0.5576	0.452528	0.539118	0.608902	0.400126	0.498541
0.594921	0.211901	0.285139	0.401436	0.527109	0.429741	0.572064	0.564652	0.492914	0.657749
0.462699	0.313252	0.481565	0.453927	0.428546	0.330323	0.435798	0.366306	0.550981	0.560353
0.504237	0.407398	0.743881	0.720383	0.526218	0.421934	0.446975	0.477546	0.527574	0.491715
0.687414	0.455627	0.694486	0.423986	0.411122	0.340116	0.659909	0.542644	0.601959	0.54669
0.676696	0.50294	0.535426	0.624459	0.584245	0.354931	0.63245	0.44209	0.608773	0.60743
0.72125	0.631363	0.565088	0.519913	0.537951	0.314111	0.524438	0.455448	0.700166	0.672899
0.577727	0.718277	0.806476	0.608682	0.493634	0.574599	0.491443	0.343518	0.413791	0.438409
0.495431	0.533278	0.719187	0.707689	0.3872	0.399989	0.4094	0.300683	0.618028	0.489183
0.51963	0.491039	0.631283	0.587095	0.488705	0.487892	0.726363	0.445976	0.632292	0.448253
0.483395	0.560942	0.549526	0.680742	0.572201	0.460142	0.639448	0.429882	0.672792	0.575485
0.666237	0.726851	0.388522	0.497071	0.558558	0.526393	0.568056	0.473368	0.633502	0.625479
0.608278	0.621061	0.633596	0.565527	0.43644	0.468674	0.484804	0.516157	0.579987	0.39566
0.4775	0.775679	0.719187	0.745422	0.492808	0.502039	0.740967	0.928218	0.797996	0.501128
0.475831	0.584209	0.539141	0.714695	0.518276	0.730456	0.776547	0.629851	0.765609	0.488343
0.521477	0.486867	0.453871	0.688652	0.586285	0.549355	0.4094	0.442864	0.663604	0.59223
0.560175	0.547367	0.414333	0.542121	0.645342	0.758538	0.519951	0.450686	0.407985	0.569369
0.376461	0.402583	0.525369	0.563527	0.414552	0.669156	0.499034	0.618088	0.655881	0.568358
0.436047	0.494406	0.44327	0.642023	0.351232	0.524607	0.457672	0.571895	0.762336	0.563338
0.541363	0.571914	0.474273	0.660328	0.553788	0.483818	0.505031	0.494673	0.59636	0.4792
0.405233	0.571914	0.389843	0.682051	0.513927	0.441353	0.258336	0.42913	0.41746	0.379019

0.501577	0.597933	0.456177	0.727599	0.550009	0.503734	0.258825	0.359215	0.314317	0.468637
0.53178	0.863037	0.698507	0.500508	0.295457	0.410138	0.391765	0.599907	0.464086	0.620896
0.410936	0.551202	0.460047	0.420384	0.289737	0.736219	0.759167	0.973123	0.686263	0.560353
0.49456	0.519632	0.611004	0.616499	0.540704	0.767797	0.883899	1.041281	0.814223	0.703501
0.727155	0.561928	0.630131	0.610901	0.700212	0.660542	0.37418	0.739084	0.627485	0.586927
0.666237	0.504667	0.724873	0.830575	0.936275	0.714991	0.454589	0.478387	0.590834	0.791866
0.425531	0.55702	0.581229	0.429079	0.645342	0.643811	0.601209	0.613471	0.432453	0.693957
0.631495	0.533278	0.601209	0.447008	0.594544	0.565694	0.622161	0.539728	0.324905	0.357986
0.439865	0.599006	0.811686	0.660328	0.525328	0.454799	0.478266	0.79115	0.548982	0.558375
0.365336	0.472169	0.709414	0.614251	0.647691	0.498669	0.635935	0.683059	0.667518	0.64915
0.576675	0.435246	0.566079	0.65414	0.720623	0.390727	0.556249	0.568776	0.523793	0.663997
0.587314	0.632523	0.661118	0.426161	0.448184	0.506289	0.733604	0.385575	0.520978	0.593298
0.733141	0.558977	0.572076	0.440197	0.775498	0.717762	0.673681	0.441317	0.432453	0.555424
0.554146	0.572926	0.752943	0.57158	0.648871	0.597168	0.70261	0.629851	0.491165	0.635972
0.556147	0.637194	0.613211	0.558569	0.559519	0.357349	0.689221	0.842467	0.521914	0.500264
0.626751	0.511645	0.49907	0.729056	0.43789	0.398654	0.536328	0.392422	0.564208	0.490026
0.617416	0.593663	0.318623	0.443211	0.443742	0.416343	0.601209	0.384896	0.559073	0.55152
0.742278	0.597933	0.554329	0.409056	0.500293	0.49118	0.628993	0.431389	0.437053	0.781845
0.662379	0.63837	0.638259	0.570566	0.553788	0.312467	0.589525	0.453061	0.532348	0.838179
0.438334	0.50294	0.471071	0.625608	0.52267	0.408089	0.617665	0.638278	0.59636	0.572416
0.424789	0.42217	0.505066	0.631399	0.348266	0.408089	0.473426	0.426883	0.752663	0.453648
0.624399	0.604416	0.475883	0.590265	0.621412	0.628831	0.648956	0.29074	0.548982	0.47186
0.649761	0.694864	0.701208	0.624459	0.791601	0.587793	0.519951	0.25763	0.54998	0.451327
0.648519	0.645491	0.658654	0.429811	0.420793	0.382942	0.590574	0.437472	0.615696	0.535311
0.377124	0.495252	0.641789	0.549784	0.428546	0.428311	0.584316	0.478387	0.466554	0.415087
0.448386	0.573939	0.58744	0.754616	0.457205	0.564715	0.547599	0.512502	0.644547	0.348753
0.543305	0.582135	0.442523	0.471318	0.408398	0.544665	0.619907	0.416546	0.451952	0.43025
0.537504	0.618805	0.450816	0.447008	0.43789	0.436234	0.575095	0.353499	0.495552	0.352423
0.431509	0.759822	0.513777	0.495363	0.473457	0.399321	0.596924	0.506178	0.741644	0.469441
0.558156	0.70162	0.60445	0.684679	0.320227	0.57161	0.666115	0.470881	0.634716	0.570382
0.583027	0.647891	0.504204	0.703539	0.489523	0.519294	0.501594	0.386936	0.430171	0.403879
0.613967	0.622194	0.40808	0.572598	0.508764	0.554097	0.306359	0.49206	0.485957	0.463054
0.570414	0.560942	0.367916	0.550751	0.419398	0.501194	0.519059	0.483464	0.613376	0.468637
0.490232	0.689534	0.492318	0.414684	0.566301	0.636833	0.716424	0.594378	0.577849	0.412963
0.373818	0.588385	0.781322	0.553666	0.359039	0.544665	0.602287	0.517996	0.599711	0.418649
0.489372	0.455627	0.652555	0.591327	0.449674	0.545599	0.349974	0.395887	0.514481	0.436914
0.515959	0.487698	0.456177	0.43128	0.412491	0.689511	0.38648	0.350355	0.489422	0.501994
0.555145	0.468969	0.419968	0.509221	0.280031	0.495324	0.538186	0.383541	0.587551	0.585875
0.663661	0.580072	0.440288	0.514534	0.303913	0.458609	0.733604	0.710887	0.738546	0.553468
0.585166	0.665073	0.427117	0.598835	0.454177	0.58369	0.715023	0.731484	0.721893	0.556405
0.552155	0.567892	0.569067	0.676841	0.502817	0.518415	0.359742	0.475035	0.345012	0.51075
0.798033	0.787133	0.508529	0.686	0.443742	0.70408	0.212451	0.29679	0.468208	0.572416
0.662379	0.825235	0.75142	0.749994	0.386554	0.492005	0.38321	0.29679	0.553998	0.489183
0.606023	0.780551	0.567073	0.504843	0.326928	0.604602	0.685284	0.66718	0.615696	0.30975
0.656024	0.675205	0.723444	0.509221	0.377608	0.542803	0.511989	0.700943	0.509899	0.388259
0.828847	0.530514	0.53821	0.524447	0.454177	0.547473	0.279369	0.620416	0.337592	0.39975
0.612823	0.477013	0.479121	0.700794	0.689706	0.675415	0.483161	0.620416	0.486821	0.350584

0.674058	0.626754	0.627837	0.79858	0.589364	0.578616	0.463905	0.716673	0.462449	0.495115
0.780879	0.871009	0.710796	0.632567	0.612632	0.747979	0.503309	0.613471	0.488553	0.427321
0.663661	0.588385	0.803036	0.48692	0.581203	0.572604	0.556249	0.526371	0.388944	0.596519
0.52613	0.40809	0.624418	0.576691	0.668191	0.480585	0.508496	0.499945	0.386192	0.632446
0.482548	0.450251	0.634757	0.567535	0.705562	0.608908	0.438751	0.523562	0.526626	0.731986
0.70825	0.615442	0.667339	0.597754	0.63607	0.608908	0.46864	0.775865	0.71017	0.736424
0.644814	0.447208	0.581229	0.447771	0.618099	0.755495	0.56706	0.675047	0.637153	0.646724
0.431509	0.492719	0.602286	0.415392	0.604026	0.706782	0.504169	0.662014	0.456765	0.674185
0.442172	0.455627	0.479121	0.606475	0.713713	0.43842	0.435798	0.669787	0.469037	0.595442
0.394046	0.383841	0.729186	0.579786	0.538866	0.321862	0.291334	0.472538	0.512642	0.663997
0.563222	0.657626	0.578156	0.418952	0.45949	0.411509	0.456128	0.631045	0.581059	0.569369
0.619731	0.798898	0.467893	0.472934	0.640681	0.517537	0.596924	0.757885	0.505364	0.584824
0.490232	0.623329	0.474273	0.453927	0.573192	0.523717	0.87572	0.483464	0.594141	0.67677
0.433772	0.514291	0.388522	0.520816	0.454932	0.445789	0.470229	0.366306	0.507172	0.401122
0.619731	0.586292	0.371706	0.502237	0.368844	0.304881	0.449245	0.346612	0.642069	0.403188
0.522404	0.545462	0.520874	0.52536	0.492808	0.47103	0.65379	0.639496	0.586462	0.391607
0.440633	0.582135	0.268317	0.615374	0.601901	0.521943	0.570056	0.411469	0.437053	0.400436
0.480017	0.567892	0.40808	0.595601	0.541625	0.38423	0.570056	0.362424	0.556021	0.571398
0.296199	0.437463	0.483202	0.563527	0.433553	0.515788	0.403897	0.375501	0.453551	0.44444
0.515046	0.702984	0.468685	0.442456	0.357225	0.347164	0.584316	0.502605	0.461632	0.296589
0.701193	0.828871	0.531742	0.522628	0.448928	0.455558	0.503309	0.32363	0.436283	0.215077
0.516873	0.590489	0.441032	0.540227	0.546263	0.439152	0.480707	0.210218	0.526626	0.456761
0.465131	0.475392	0.526274	0.464119	0.413864	0.458609	0.391765	0.341672	0.405111	0.565339
0.471684	0.374123	0.487322	0.726146	0.382058	0.217139	0.370367	0.484316	0.405111	0.439909
0.475831	0.613214	0.516425	0.507465	0.319673	0.448024	0.401172	0.5446	0.47996	0.349973
0.42331	0.456401	0.347643	0.472934	0.363913	0.539102	0.456899	0.532045	0.358309	0.285392
0.597118	0.402583	0.483202	0.491121	0.440806	0.381017	0.279882	0.499945	0.413791	0.381639
0.50781	0.361496	0.473471	0.515426	0.581203	0.498669	0.373542	0.687121	0.575722	0.539071
0.474998	0.421455	0.53821	0.510985	0.559519	0.510581	0.478266	0.639496	0.433216	0.554445
0.583027	0.536059	0.579178	0.430545	0.378875	0.528186	0.480707	0.481765	0.392407	0.483332
0.579839	0.565895	0.488151	0.564526	0.487889	0.501194	0.390438	0.449898	0.48252	0.368694
0.49456	0.319986	0.460047	0.512756	0.622522	0.485443	0.351789	0.698143	0.655881	0.516985
0.39198	0.210141	0.391832	0.322534	0.510478	0.496993	0.470229	0.688484	0.477414	0.674185
0.515046	0.412966	0.572076	0.376744	0.36086	0.397323	0.362219	0.540698	0.397304	0.477558
0.4868	0.364619	0.385892	0.336499	0.366372	0.474192	0.478266	0.53876	0.341286	0.397019
0.401004	0.413667	0.608808	0.519012	0.556644	0.563739	0.361598	0.440545	0.348769	0.591164
0.476665	0.406016	0.540075	0.450069	0.539784	0.570618	0.416378	0.529199	0.416724	0.555424
0.574578	0.32913	0.555297	0.360196	0.464868	0.465552	0.393097	0.363069	0.374023	0.500264
0.751611	0.546413	0.678766	0.339466	0.321337	0.237814	0.44247	0.435943	0.302848	0.382955
0.525195	0.509015	0.745379	0.596677	0.528897	0.45027	0.471026	0.455448	0.317818	0.360482
0.514135	0.509015	0.586398	0.490277	0.631507	0.508	0.399816	0.565679	0.499985	0.547652
0.446824	0.343218	0.441032	0.415392	0.654817	0.499509	0.555279	0.423905	0.424143	0.523312
0.532729	0.525039	0.582258	0.369028	0.554738	0.576603	0.703972	0.471708	0.517253	0.521495
0.416715	0.444186	0.484023	0.281061	0.473457	0.412885	0.526247	0.339222	0.444047	0.428783
0.456279	0.510767	0.484023	0.372869	0.547197	0.448024	0.488111	0.361138	0.340051	0.515195
0.381126	0.490201	0.555297	0.672974	0.553788	0.392038	0.630143	0.496423	0.425642	0.525136
0.503349	0.602244	0.341681	0.569553	0.453423	0.318523	0.499886	0.403608	0.453551	0.373826

0.442172	0.584209	0.329999	0.556601	0.440076	0.238736	0.462339	0.388301	0.47996	0.458326
0.436808	0.569898	0.543831	0.435716	0.467972	0.416343	0.496489	0.393805	0.507172	0.500264
0.455483	0.576995	0.575105	0.447771	0.538866	0.392038	0.448487	0.325401	0.600833	0.583777
0.400303	0.491878	0.441032	0.574639	0.448184	0.569629	0.583282	0.480918	0.635933	0.467835
0.499812	0.521427	0.327127	0.494511	0.415931	0.625446	0.627847	0.592186	0.715992	0.495969
0.538466	0.4961	0.293536	0.465709	0.420095	0.681765	0.437272	0.4029	0.43093	0.272939
0.453104	0.417898	0.334635	0.517216	0.520029	0.498669	0.475034	0.347234	0.310269	0.257364
0.465131	0.523229	0.324843	0.468905	0.461787	0.58369	0.669881	0.700943	0.541075	0.345718
0.457076	0.448727	0.323706	0.623313	0.432116	0.592976	0.524438	0.633443	0.563176	0.369971
0.598221	0.453315	0.41926	0.462535	0.46102	0.760067	0.37227	0.507975	0.469037	0.47348
0.503349	0.473778	0.496526	0.555621	0.515661	0.662986	0.415675	0.507975	0.472368	0.634793
0.656024	0.595793	0.622153	0.657842	0.499455	0.496158	0.414273	0.46923	0.462449	0.507226
0.483395	0.526856	0.615429	0.63964	0.449674	0.480585	0.516394	0.578201	0.540096	0.379672
0.515046	0.399855	0.556266	0.418952	0.45192	0.558892	0.419201	0.501717	0.433981	0.357365
0.553149	0.301171	0.40808	0.464119	0.444479	0.519294	0.29451	0.458652	0.413791	0.440661
0.420367	0.318292	0.327127	0.652913	0.467194	0.426175	0.397116	0.496423	0.446404	0.519686
0.674058	0.468969	0.461605	0.515426	0.342979	0.393353	0.450765	0.557528	0.60763	0.576513
0.625573	0.513407	0.584323	0.429079	0.473457	0.558892	0.515509	0.53876	0.441703	0.655275
0.617416	0.318856	0.463952	0.40627	0.624751	0.579626	0.439492	0.634647	0.33882	0.543817
0.626751	0.442683	0.504204	0.452379	0.554738	0.53452	0.449245	0.598795	0.440148	0.645516
0.442944	0.232673	0.542889	0.644419	0.450421	0.472608	0.410093	0.527312	0.466554	0.70905
0.516873	0.30882	0.642972	0.519913	0.421492	0.588825	0.617665	0.668481	0.435514	0.480848
0.539429	0.439693	0.543831	0.314591	0.441539	0.446532	0.505895	0.640717	0.46738	0.650368
0.398905	0.359633	0.463952	0.299127	0.401662	0.356138	0.4094	0.414363	0.480811	0.670337
0.428509	0.363992	0.444019	0.386586	0.643005	0.486258	0.419909	0.472538	0.46738	0.61749
0.694249	0.572926	0.559187	0.551721	0.630374	0.362839	0.397116	0.699541	0.687634	0.516985
0.599327	0.551202	0.531742	0.510985	0.480613	0.465552	0.562112	0.665883	0.461632	0.405265
0.399604	0.576995	0.453871	0.472934	0.544402	0.61765	0.682678	0.447541	0.413791	0.519686
0.364691	0.40809	0.449296	0.493661	0.705562	0.489533	0.525342	0.575036	0.744764	0.568358
0.315925	0.459509	0.608808	0.513644	0.643005	0.494492	0.508496	0.633443	0.632292	0.581689
0.446824	0.422887	0.543831	0.437951	0.63607	0.503734	0.58225	0.672409	0.584293	0.435424
0.53178	0.660094	0.461605	0.460171	0.536125	0.519294	0.532635	0.494673	0.565242	0.627789
0.483395	0.649096	0.493996	0.459385	0.450421	0.369645	0.483161	0.470881	0.540096	0.69261
0.485947	0.624468	0.524467	0.580822	0.540704	0.529986	0.566066	0.466766	0.578917	0.491715
0.415989	0.594727	0.641789	0.634912	0.464096	0.356138	0.4948	0.391044	0.760709	0.438409
0.46676	0.547367	0.385892	0.575664	0.479013	0.417038	0.537256	0.40645	0.649548	0.494262
0.609409	0.666326	0.404644	0.473745	0.421492	0.499509	0.339831	0.335574	0.512642	0.527888
0.586239	0.522327	0.53821	0.530876	0.445957	0.61765	0.335138	0.350982	0.567318	0.576513
0.420367	0.477013	0.568069	0.507465	0.187969	0.490355	0.42706	0.49818	0.394499	0.535311
0.567317	0.702984	0.558211	0.548819	0.272519	0.612166	0.453055	0.542644	0.472368	0.616361
0.819555	0.777297	0.613211	0.627915	0.457205	0.631102	0.485629	0.468407	0.523793	0.702125
0.668829	0.461071	0.608808	0.618758	0.588335	0.726183	0.502451	0.561584	0.680824	0.780197
0.479176	0.355318	0.671115	0.636089	0.619201	0.564715	0.667367	0.708022	0.566279	0.740909
0.579839	0.512525	0.565088	0.489436	0.389794	0.597168	0.674955	0.55251	0.430171	0.60743
0.355752	0.383841	0.545721	0.382622	0.4314	0.538182	0.621033	0.512502	0.41746	0.623182
0.373159	0.344413	0.496526	0.400065	0.526218	0.496993	0.478266	0.699541	0.543038	0.714672
0.644814	0.477013	0.512021	0.555621	0.617	0.514916	0.535401	0.64936	0.751072	0.6833

0.676696	0.671377	0.583289	0.519913	0.528897	0.43769	0.739484	0.472538	0.686263	0.521495
0.620893	0.53513	0.40877	0.401436	0.641842	0.471819	0.70261	0.39938	0.406546	0.491715
0.711106	0.477826	0.584323	0.483589	0.619201	0.419129	0.539118	0.393805	0.525679	0.3977
0.642362	0.544512	0.633596	0.648039	0.528897	0.366538	0.589525	0.672409	0.75426	0.474293
0.493691	0.387789	0.5094	0.558569	0.755418	0.539102	0.467056	0.66718	0.873161	0.638338
0.416715	0.306072	0.40877	0.398016	0.506205	0.493662	0.539118	0.528254	0.575722	0.54573
0.596018	0.578018	0.516425	0.338277	0.502817	0.374662	0.463121	0.453855	0.381419	0.379672
0.688772	0.568894	0.47187	0.398698	0.545332	0.43769	0.52174	0.591094	0.563176	0.452099
0.473338	0.428659	0.508529	0.374157	0.333735	0.330323	0.601209	0.432145	0.565242	0.41367
0.387878	0.498652	0.67238	0.624459	0.375086	0.357349	0.516394	0.440545	0.567318	0.560353
0.31998	0.525947	0.549526	0.519012	0.471098	0.311375	0.424902	0.572939	0.50177	0.698022
0.43757	0.413667	0.483202	0.367755	0.514793	0.356138	0.490607	0.577143	0.533309	0.469441
0.506914	0.333192	0.502486	0.536462	0.669428	0.456319	0.528062	0.651861	0.483377	0.384936
0.382468	0.491878	0.562127	0.699428	0.498619	0.388116	0.589525	0.632242	0.71746	0.411553
0.470037	0.658858	0.541949	0.694007	0.48464	0.513177	0.42562	0.482614	0.65207	0.691268
0.4775	0.634852	0.57612	0.5374	0.502817	0.541875	0.540989	0.53491	0.401545	0.533443
0.505128	0.468173	0.494838	0.453152	0.435716	0.552194	0.459222	0.325401	0.436283	0.557389
0.530833	0.515177	0.530826	0.506589	0.572201	0.581653	0.583282	0.439775	0.494671	0.354887
0.4775	0.555072	0.574093	0.642023	0.462555	0.561794	0.61211	0.700943	0.655881	0.371894
0.50781	0.560942	0.455407	0.778489	0.478215	0.566674	0.580194	0.658179	0.36938	0.39975
0.596018	0.685579	0.402596	0.544979	0.427835	0.556967	0.548551	0.396583	0.442483	0.531584
0.553149	0.650304	0.45927	0.638453	0.491985	0.49118	0.317979	0.303486	0.466554	0.491715
0.456279	0.606599	0.480749	0.509221	0.340649	0.476578	0.363463	0.459456	0.389634	0.310307
0.456279	0.55702	0.505066	0.57158	0.320227	0.602465	0.556249	0.4938	0.332715	0.536248
0.491094	0.600083	0.588483	0.672974	0.395687	0.696072	0.709462	0.7676	0.451952	0.543817
0.599327	0.540735	0.520874	0.521721	0.366372	0.697397	0.515509	0.689851	0.442483	0.572416
0.447604	0.508142	0.460047	0.660328	0.517403	0.633385	0.412178	0.55251	0.412333	0.542864
0.545256	0.63837	0.580202	0.619892	0.448928	0.57161	0.427781	0.708022	0.614534	0.559363
0.440633	0.518737	0.437326	0.528109	0.367606	0.510581	0.633609	0.61925	0.517253	0.658991
0.443717	0.574955	0.378741	0.460171	0.357225	0.514045	0.448487	0.616929	0.402968	0.548616
0.524263	0.566892	0.465524	0.503972	0.476623	0.654492	0.541927	0.555514	0.347513	0.672899
0.548199	0.520528	0.714972	0.665342	0.605093	0.910544	0.509367	0.546564	0.383458	0.524223
0.453896	0.626754	0.683943	0.800297	0.594544	0.701394	0.645366	0.762715	0.340051	0.753099
0.424049	0.538859	0.609905	0.460171	0.454932	0.538182	0.403214	0.55451	0.694552	0.823396
0.642362	0.467378	0.540075	0.510102	0.584245	0.676678	0.463905	0.474201	0.532348	0.591164
0.649761	0.457952	0.526274	0.530876	0.648871	0.660542	0.586392	0.513413	0.521914	0.644311
0.699795	0.394451	0.590579	0.584994	0.449674	0.507144	0.449245	0.607768	0.548982	0.559363
0.722719	0.502079	0.663595	0.371585	0.378875	0.483818	0.61211	0.679035	0.472368	0.536248
0.42331	0.366503	0.457721	0.488596	0.639524	0.511444	0.596924	0.414363	0.714529	0.74544
0.445268	0.304978	0.458495	0.528109	0.670668	0.46711	0.540989	0.4938	0.485095	0.499402
0.587314	0.483557	0.578156	0.579786	0.526218	0.382942	0.363463	0.41509	0.512642	0.637153
0.756354	0.734128	0.577137	0.443211	0.513062	0.509719	0.488941	0.638278	0.601959	0.591164
0.624399	0.519632	0.791209	0.462535	0.508764	0.370269	0.472625	0.613471	0.526626	0.581689
0.578782	0.486867	0.467893	0.375448	0.612632	0.596116	0.490607	0.499062	0.604218	0.606326
0.474167	0.524133	0.607714	0.595601	0.595587	0.616548	0.467056	0.429882	0.614534	0.536248
0.859993	0.775679	0.601209	0.675548	0.420793	0.395996	0.584316	0.558538	0.567318	0.558375
0.549185	0.54262	0.778076	0.589206	0.571212	0.553145	0.659909	0.625108	0.478261	0.453648

0.30906	0.482734	0.628982	0.592392	0.63607	0.667915	0.571059	0.5446	0.711618	0.645516
0.357018	0.327977	0.357354	0.529951	0.449674	0.394672	0.580194	0.675047	0.83108	0.488343
0.433772	0.531433	0.447026	0.48276	0.582214	0.416343	0.623292	0.590005	0.805133	0.623182
0.467577	0.681659	0.53358	0.432016	0.675664	0.5503	0.699899	0.522629	0.566279	0.625479
0.674058	0.752106	0.462386	0.468905	0.75241	0.613257	0.551422	0.635854	0.784064	0.696662
0.464319	0.541676	0.466312	0.613132	0.698885	0.665443	0.687905	0.561584	0.805133	0.800397
0.514135	0.646689	0.708035	0.676841	0.640681	0.549355	0.569055	0.570853	0.598591	0.547652
0.570414	0.667583	0.732085	0.644419	0.469532	0.377828	0.482341	0.40645	0.496435	0.422241
0.561188	0.645491	0.457721	0.454702	0.481416	0.589859	0.720656	0.385575	0.398713	0.424411
0.547216	0.708483	0.492318	0.71753	0.808325	0.720551	0.695864	0.6633	0.724874	0.524223
0.398905	0.491039	0.36666	0.583947	0.568259	0.654492	0.484804	0.656908	0.772229	0.644311
0.430757	0.552167	0.463952	0.560545	0.433553	0.43842	0.419909	0.568776	0.632292	0.60194
0.697013	0.741528	0.633596	0.573617	0.621412	0.629965	0.736534	0.698143	0.733941	0.478378
0.528005	0.634852	0.627837	0.644419	0.710979	0.827924	0.799724	0.665883	0.544023	0.47348
0.548199	0.774067	0.612106	0.683363	0.673158	0.674156	0.543809	0.705177	0.432453	0.672899
0.499812	0.672649	0.582258	0.783426	0.660845	0.698725	0.480707	0.55251	0.598591	0.598679
0.654764	0.631363	0.66484	0.53834	0.588335	0.540948	0.533555	0.516157	0.47911	0.60085
0.668829	0.667583	0.546669	0.472934	0.576178	0.519294	0.732146	0.648115	0.643306	0.476739
0.687414	0.926731	0.466312	0.618758	0.743507	0.812094	0.708083	0.472538	0.679475	0.700753
0.503349	0.499507	0.376811	0.602093	0.543475	0.790201	0.65379	0.748383	0.873161	0.699385
0.658555	0.566892	0.399203	0.746941	0.633782	0.777258	0.659909	0.881098	0.704426	0.71751
0.83073	0.911012	0.736471	0.86114	0.585264	0.656902	0.57611	0.883229	0.558053	0.786826
0.629117	0.714052	0.560165	0.567535	0.518276	0.767797	0.595859	0.715219	0.775578	0.515195
0.775862	0.639548	0.59163	0.737906	0.743507	0.801852	0.581221	0.79115	0.60763	0.825217
0.785954	0.770861	0.770065	0.760855	0.720623	0.953795	0.746949	1.000235	0.693159	0.819778
0.996382	0.593663	0.566079	0.499646	0.643005	0.639146	0.667367	0.734508	0.777262	0.834436
0.98547	0.78383	0.740902	0.762429	0.620305	0.53361	0.628993	0.864411	0.512642	0.490026
0.611682	0.634852	0.898425	0.816064	0.794895	0.708139	0.609908	0.635854	0.464907	0.54669
0.600436	0.476202	0.658654	0.679438	0.668191	0.84809	0.759167	0.870594	0.71746	0.646724
0.499812	0.372844	0.652555	0.544979	0.596633	0.713612	0.7235	0.722537	0.628682	0.532513
0.922855	0.738553	0.818732	0.807234	0.487889	0.599279	0.577127	0.604381	0.718932	0.43246
1.150653	0.688212	0.621025	0.678137	0.631507	0.647342	0.647756	0.876866	0.609919	0.207972
0.803315	0.69086	0.76376	0.90702	1.039108	0.719154	0.50676	0.71377	0.561119	0.515195
0.550173	0.530514	1.009671	0.62676	0.733347	0.511444	0.789639	0.887524	1.222198	1.133532
0.671435	0.470566	0.748389	0.564526	0.506205	0.559857	0.900734	0.74062	0.866894	0.93226
0.842199	0.444186	0.791209	0.535526	0.589364	0.540024	0.498184	0.637065	0.741644	0.879565
0.658555	0.593663	0.759091	0.721816	0.922753	0.875189	0.637103	0.578201	0.856645	0.841955
0.537504	0.780551	0.781322	0.638453	1.013757	0.958609	0.799724	0.846375	0.743201	0.832577
0.694249	0.719694	0.609905	0.555621	0.74058	0.531794	0.835138	0.91884	1.082701	1.022775
0.74692	0.55702	0.736471	0.607577	0.780267	0.635681	0.569055	0.840526	0.784064	0.6833
0.558156	0.636022	1.023676	0.80549	0.727646	0.623205	0.65379	0.844416	0.726372	0.586927
0.446824	0.693525	0.831344	0.627915	0.611547	0.579626	0.676233	0.921166	0.711618	0.411553
0.454689	0.707102	0.44327	0.464913	0.634925	0.558892	0.691866	0.705177	0.626292	0.580649
0.510509	0.586292	0.489813	0.493661	0.535215	0.454799	0.633609	0.525433	0.715992	0.707656
0.483395	0.619931	0.621025	0.631399	0.673158	0.666677	0.736534	0.570853	0.890329	0.73494
0.439099	0.594727	0.855785	0.838017	0.722019	0.670401	0.459222	0.264259	0.250653	0.7562
0.420367	0.698905	0.488981	0.506589	0.475037	0.587793	0.791304	0.310859	-0.02522	0.373826

0.483395	0.705725	0.595861	0.569553	0.430685	0.746492	0.789639	0.54167	0.111448	0.240427
0.574578	0.457952	0.567073	0.432016	0.766115	0.628831	0.722076	1.13342	0.747906	0.480848
0.498932	0.475392	0.662355	0.644419	0.772348	0.643811	0.613216	1.281469	0.873161	0.439909
0.352603	0.62561	0.514658	0.605375	0.723419	0.538182	0.709462	1.026172	0.528525	0.427321
0.542333	0.762947	0.449296	0.52536	0.825719	0.720551	0.796336	0.633443	0.379389	0.438409
0.534633	0.443434	0.456177	0.602093	1.059903	1.13903	0.967895	0.504388	0.41746	0.453648
0.503349	0.573939	0.621025	0.713285	0.829283	0.648526	0.765406	0.584599	0.428656	0.381639
0.49456	0.764519	0.787889	0.879327	0.596633	0.481391	0.631295	0.602138	0.531389	0.514302
0.613967	0.812746	0.585359	0.800297	0.405691	0.726183	0.861767	0.756287	0.628682	0.559363
0.566289	0.711259	0.505066	0.625608	0.512199	0.669156	0.88184	0.695361	0.698756	0.622037
0.556147	0.64073	0.469479	0.564526	0.761498	0.669156	0.729245	0.503496	0.588642	0.513411
0.413816	0.762947	0.460826	0.707689	0.856987	0.556967	0.710846	0.566709	0.523793	0.501128
0.433016	0.741528	0.661118	0.814283	0.62587	0.865316	0.927278	0.7809	0.620373	0.584824
0.430006	0.607694	0.39383	0.646829	0.584245	0.665443	0.749972	0.70235	0.664905	0.626633
0.498054	0.661333	0.519089	0.461746	0.691006	0.626572	0.500739	0.429882	0.767254	0.527888
0.667531	0.565895	0.432192	0.327719	0.832876	0.778855	0.578147	0.658179	0.684897	0.427321
0.473338	0.427933	0.441032	0.652913	0.777082	0.561794	0.965398	0.981081	0.49732	0.525136
0.558156	0.566892	0.677481	0.603184	0.558558	0.588825	0.907219	0.620416	0.493792	0.586927
0.438334	0.435246	0.435853	0.448536	0.674409	0.798492	0.865708	0.726988	0.622731	0.434681
0.566289	0.53513	0.695822	0.586043	0.519152	0.824356	1.448033	0.9029	0.680824	0.417935
0.514135	0.631363	0.709414	0.507465	0.644172	1.10046	1.12994	0.955105	0.548982	0.579611
0.583027	0.639548	0.641789	0.591327	0.692309	0.978416	0.774938	0.719595	0.537174	0.524223
0.608278	0.650304	0.565088	0.324831	0.815199	0.620974	0.759167	0.650609	0.663604	0.434681
0.576675	0.416483	0.623284	0.682051	0.713713	0.675415	0.905047	0.490327	0.542055	0.48583
0.667531	0.668844	0.803036	0.686	0.680718	0.819059	1.347206	0.590005	0.616861	0.499402
0.688772	0.623329	0.53821	0.527191	0.564353	0.633385	1.600563	1.160882	0.601959	0.498541
0.719786	0.476202	0.712184	0.494511	0.472669	0.51231	1.088349	1.31479	0.817913	0.530657
0.46676	0.469767	0.653768	0.699428	0.687119	0.576603	0.82601	1.954701	1.118202	0.47186
0.644814	0.489365	0.60445	0.493661	0.569241	0.590895	0.27023	0.6633	0.926845	0.443682
0.528946	0.53513	0.569067	0.656604	0.511338	0.517537	0.051487	0.128566	0.548982	0.66779
0.485095	0.419317	0.556266	0.64083	0.633782	0.513177	0.184351	0.031599	0.169836	0.570382
0.632689	0.486867	0.495681	0.586043	0.606162	0.655696	0.500739	0.148962	0.121023	0.450557
0.576675	0.431574	0.362292	0.53273	0.506205	0.628831	0.593737	0.43366	0.293333	0.402499
0.535588	0.412966	0.465524	0.448536	0.442272	0.761602	0.663622	0.504388	0.376698	0.433939
0.383141	0.590489	0.555297	0.472934	0.382697	0.633385	0.589525	0.57926	0.637153	0.710449
0.644814	0.459509	0.47669	0.644419	0.537037	0.727603	0.540989	0.522629	0.672792	0.568358
0.591644	0.711259	0.441032	0.664083	0.647691	0.951408	0.57611	0.494673	0.631086	0.453648
0.523332	0.583171	0.577137	0.786748	0.609385	0.652096	0.852068	0.72998	0.628682	0.594369
0.54428	0.521427	0.399203	0.592392	0.656016	0.567657	0.753015	0.838593	0.644547	0.534376
0.444492	0.562916	0.510272	0.398016	0.537951	0.935057	0.829638	1.100487	0.713071	0.464642
0.503349	0.684268	0.765328	0.598835	0.592464	0.826137	1.007189	0.930595	0.667518	0.43025
0.514135	0.670109	0.745379	0.785084	0.471098	0.599279	0.537256	0.567741	0.653337	0.54669
0.325839	0.419317	0.494838	0.674259	0.594544	0.597168	0.126174	0.445196	0.705855	0.633618
0.400303	0.308269	0.503344	0.561537	0.700212	0.656902	0.153328	0.347234	0.708727	0.606326
0.453896	0.454084	0.484023	0.47946	0.780267	0.648526	-0.05465	0.177879	0.47911	0.463054
0.719786	0.721116	0.667339	0.638453	0.709618	0.726183	0.283493	0.418008	0.531389	0.633618
0.520552	0.393111	0.671115	0.583947	0.45117	0.557929	0.690541	0.764337	0.751072	0.672899

0.55715	0.47864	0.618778	0.484419	0.475037	0.885292	1.081789	1.041281	0.751072	0.523312
0.498054	0.420742	0.526274	0.575664	0.542549	0.855662	2.07984	1.448985	0.825388	0.55152
0.570414	0.434509	0.473471	0.638453	0.249789	0.697397	3.604885	1.490189	0.969335	0.691268
0.488513	0.552167	0.566079	0.476185	0.737672	0.842497	1.231973	1.363611	1.019373	0.81263
0.55715	0.486037	0.488151	0.430545	0.75693	1.124605	0.873699	0.891862	0.915101	0.768833
0.622059	0.418607	0.595861	0.518113	0.568259	0.568642	0.520845	0.6444	0.520044	0.458326
0.53178	0.407398	0.515541	0.638453	0.449674	0.237354	0.414973	0.431389	0.445617	0.337332
0.529888	0.653949	0.479121	0.508342	0.466417	0.297953	0.552383	0.423163	0.422649	0.448253
0.577727	0.584209	0.60445	0.643219	0.493634	0.772502	0.960446	0.550519	0.454352	0.61749
0.535588	0.591545	0.492318	0.549784	0.450421	0.713612	0.815304	0.705177	0.500877	0.571398
0.567317	0.619931	0.380679	0.326561	0.329185	0.716374	0.673681	0.608902	0.633502	0.640718
0.620893	0.560942	0.517311	0.622169	0.644172	0.59402	0.75762	0.553509	0.588642	0.675476
0.6049	0.676488	0.782954	0.723255	0.369464	0.412885	0.867692	0.759489	0.653337	0.71751
0.546235	0.671377	0.749902	0.887662	0.427126	0.281356	0.422042	0.684409	0.553998	0.79018
0.528946	0.509015	0.515541	0.529951	0.54907	0.447277	0.327619	0.645635	0.834916	0.920742
0.690135	0.441186	0.344056	0.51632	0.567279	0.6277	0.527153	0.868523	1.049883	0.984277
0.521477	0.499507	0.540075	0.821449	0.76457	0.879202	0.869685	0.726988	0.879519	0.773667
0.552155	0.755176	0.898425	1.008108	0.737672	0.996521	1.038447	0.726988	0.69735	0.879565
0.684709	0.602244	0.395837	0.570566	0.647691	1.346596	1.041403	0.872674	0.852613	0.66274
0.487656	0.575974	0.386548	0.514534	0.526218	0.901963	0.709462	0.547549	0.522852	0.366151
0.536545	0.610998	0.469479	0.405576	0.595587	0.654492	0.524438	0.422423	0.335146	0.466236
0.35449	0.632523	0.723444	0.71611	0.659633	0.527288	0.353611	0.479229	0.290573	0.382296
0.598221	0.696207	0.647737	0.684679	0.456446	0.566674	0.438011	0.524496	0.375358	0.409447
0.649761	0.589436	0.441776	0.51187	0.538866	0.745009	0.437272	0.378165	0.47911	0.658991
0.509608	0.46264	0.374251	0.494511	0.45949	0.973379	0.668622	0.402194	0.402968	0.640718
0.39198	0.55702	0.495681	0.488596	0.827497	1.312489	1.004456	0.575036	0.414523	0.611872
0.458675	0.649096	0.484023	0.692662	0.408398	0.544665	1.163975	0.668481	0.469867	0.380982
0.562204	0.645491	0.674923	0.692662	0.245569	0.053732	0.685284	0.656908	0.638377	0.547652
0.500693	0.381228	0.560165	0.546895	0.275508	-0.01675	0.345769	0.683059	0.770565	0.672899
0.542333	0.337293	0.470275	0.713285	0.437164	0.237814	0.133813	0.482614	0.430171	0.704882
0.483395	0.540735	0.496526	0.71611	0.679449	0.38423	0.054228	0.320694	0.485095	0.456761
0.596018	0.692191	0.53266	0.826902	0.671911	0.508	0.301472	0.395192	0.751072	0.691268
0.612823	0.541676	0.607714	0.519913	0.788333	0.535433	0.5308	0.44209	0.649548	0.77529
0.648519	0.61656	0.471071	0.596677	0.913967	0.669156	0.658678	0.542644	0.400126	0.661487
0.463508	0.547367	0.406702	0.724698	0.936275	0.986083	0.873699	0.603258	0.440925	0.596519
0.446045	0.62561	0.522667	0.448536	0.770781	0.817307	0.669881	0.564652	0.508988	0.706267
0.664947	0.70026	0.625554	0.614251	0.590395	0.457081	0.611008	0.537794	0.573606	0.730516
0.701193	0.651516	0.635921	0.865116	0.665729	0.545599	0.818843	0.655641	0.516327	0.671616
0.555145	0.597933	0.5094	0.614251	0.747936	0.636833	0.779783	0.497301	0.348769	0.498541
0.406652	0.486867	0.496526	0.767185	0.825719	0.661762	0.630143	0.46923	0.49732	0.535311
0.454689	0.586292	0.433652	0.786748	0.662061	0.446532	0.483161	0.327773	0.442483	0.767234
0.576675	0.74603	0.529912	0.622169	0.571212	0.529986	0.402532	0.432145	0.429413	0.563338
0.542333	0.70026	0.782954	0.909226	0.780267	0.521058	0.467056	0.555514	0.461632	0.382955
0.686059	0.579044	0.487322	0.768782	0.679449	0.696072	0.613216	0.533953	0.410879	0.492563
0.432262	0.440439	0.420678	0.978596	0.907492	0.683047	0.613216	0.405027	0.393103	0.731986
0.409503	0.547367	0.429284	0.729056	0.929461	0.604602	0.572064	0.480918	0.574663	0.730516
0.642362	0.718277	0.625554	0.633738	1.072249	1.110644	0.640625	0.524496	0.561119	0.400436

0.654764	0.591545	0.601209	0.751529	1.016501	0.919299	0.645366	0.680372	0.509899	0.495115
0.555145	0.380577	0.409462	0.943723	1.075391	0.812094	0.618785	0.671096	0.577849	0.716088
0.492824	0.507271	0.385892	0.604278	1.062957	0.730456	0.563097	0.566709	0.721893	0.805598
0.603779	0.601162	0.484023	0.53273	0.665729	0.983513	0.683979	0.519844	0.686263	0.603032
0.627932	0.581102	0.528089	0.692662	0.818677	1.545636	0.706708	0.634647	0.743201	0.751556
0.575625	0.694864	0.555297	0.790096	0.995013	1.214967	0.691866	0.937804	0.71017	0.802124
0.671435	0.607694	0.467893	0.694007	1.008318	0.824356	0.507627	0.698143	0.810564	0.907312
0.366631	0.636022	0.680055	0.721816	0.729064	0.407408	0.479078	0.491193	0.83108	0.845764
0.403113	0.55024	0.674923	0.810744	0.729064	0.310831	0.591626	0.692597	0.765609	0.702125
0.538466	0.744524	0.596926	0.83428	0.580193	0.480585	0.525342	0.722537	0.698756	0.672899
0.397511	0.637194	0.631283	0.544979	0.747936	0.671649	0.586392	0.650609	0.609919	0.81798
0.559165	0.490201	0.503344	0.546895	0.785088	0.963477	0.626704	0.530146	0.498206	0.60743
0.619731	0.447967	0.613211	0.551721	0.532496	0.650902	0.580194	0.438238	0.464086	0.508985
0.442944	0.512525	0.558211	0.519913	0.76457	0.554097	0.52174	0.525433	0.690388	0.767234
0.358923	0.475392	0.585359	0.440949	0.550951	0.633385	0.445468	0.47587	0.520044	0.879565
0.314773	0.53513	0.789546	0.490277	0.580193	0.701394	0.706708	0.639496	0.609919	0.598679
0.540395	0.601162	0.581229	0.89831	0.796551	0.576603	0.804855	0.684409	0.971968	1.011423
0.444492	0.369662	0.561145	0.783426	0.829283	0.382299	0.652577	0.693977	0.799769	0.966237
0.436047	0.651516	0.647737	0.683363	0.669428	0.448024	0.613216	0.792882	0.663604	0.907312
0.313051	0.555072	0.592684	0.422542	0.697562	0.925982	0.898594	0.885372	0.547986	0.786826
0.385165	0.444186	0.479934	0.460171	0.647691	0.904092	0.603367	0.692597	0.842693	0.857396
0.583027	0.435984	0.497372	0.523537	0.796551	0.709501	0.517281	0.507975	0.704426	0.714672
0.461085	0.468173	0.736471	0.65537	0.780267	0.727603	0.593737	0.49818	0.462449	0.736424
0.385841	0.475392	0.572076	0.625608	0.750913	0.724768	0.900734	0.627473	0.547986	0.742414
0.46028	0.532355	0.520874	0.718954	0.597682	0.908383	0.869685	0.46269	0.517253	0.871372
0.637499	0.419317	0.490646	0.776856	0.832876	0.806943	0.709462	0.49818	0.49732	0.711852
0.556147	0.579044	0.760642	0.841787	0.684547	0.736219	0.739484	0.471708	0.572552	0.748487
0.522404	0.488531	0.596926	0.550751	0.5576	0.800169	0.883899	0.547549	0.604218	0.543817
0.490232	0.430843	0.456177	0.524447	0.61372	0.524607	1.018297	0.656908	0.540096	0.714672
0.688772	0.522327	0.585359	0.64083	0.527109	0.329754	0.428504	0.765965	0.587551	0.855435
0.522404	0.345012	0.53728	0.788419	0.801558	0.564715	0.10506	0.256114	0.752663	0.93226
0.657288	0.357779	0.529912	0.706301	0.75693	0.569629	0.038624	0.147389	0.762336	0.795258
0.697013	0.360874	0.486495	0.576691	0.870546	0.719154	0.443966	0.491193	0.834916	1.247431
0.951787	0.575974	0.65014	0.692662	0.880498	0.599279	0.739484	0.440545	0.700166	1.502549
3.891805	0.952643	0.535426	0.633738	0.979567	1.001836	0.890136	0.531094	0.457573	0.672899
0.528513	0.996001	0.766901	0.808986	1.312821	1.946768	0.945986	0.480073	0.423395	0.475107
0	0.264256	1.656155	1.386612	1.206982	1.181363	1.222867	0.578201	0.46573	0.54669
0	0	0.285985	1.296797	1.484252	1.390099	0.996359	0.550519	0.51356	0.753099
0	0.307715	2.226659	1.106881	1.202733	0.904092	0.82601	0.654377	0.772229	0.748487
1.758266	1.465571	0.615429	1.058955	1.011029	1.296391	1.231973	0.932985	0.810564	0.721802
1.222378	1.093775	0.965172	0.790301	3.357056	1.052841	2.048582	1.656705	1.212898	1.040379
2.400443	1.029474	0.482586	0.619308	0.897409	1.364709	1.479403	1.16555	1.118202	0.93226
1.448848	1.165236	0.75603	0.550947	0.950963	1.004517	0.913803	1.016003	1.067102	1.567994
1.69868	1.152112	1.300998	0.653489	1.346803	1.639193	1.180003	0.652441	1.145531	1.461188
1.138988	1.08794	0.129611	0.74774	0.841992	2.052961	0.391078	0.771737	1.35921	1.22396
1.036892	0.259223	0	0.22682	1.544885	0.782156	0.891034	0.963104	1.352814	1.074632
0.518446	0.388834	0.324029	0.589556	0.72232	0.999911	1.144739	1.035174	0.860716	1.176397

1.073635	1.059861	2.144159	2.39357	0.855084	1.43845	2.474551	1.682844	1.719523	1.242634
1.046087	1.928381	1.548533	2.14403	0.727646	0.905035	1.624179	1.980653	1.194875	1.94563
0.698402	2.003359	1.853778	2.665897	0.954985	1.861506	1.572547	1.565515	1.09305	0.927616
1.013283	1.552862	1.23141	0.778489	1.352734	1.44195	1.579579	1.441193	1.075936	0.857396
1.149453	1.386285	0.898425	0.83428	2.97886	1.486558	1.531166	1.32649	0.982666	0.646724
1.183384	1.33654	0.742389	2.665897	2.540446	1.173352	1.035511	0.955105	0.799769	1.461188
0.803315	1.271208	1.334611	1.458632	1.315992	0.861428	1.062682	0.957633	0.817913	1.588659
0.653508	1.319263	1.470243	1.748526	1.325585	1.150172	0.853991	0.973123	1.002045	1.996662
0.941927	1.084991	1.462355	1.187767	1.335178	1.410165	0.75608	0.688484	0.868973	0.434486
1.084947	1.035247	0.948097	0.836145	0.76922	1.260997	1.299756	1.338515	1.334172	0.217243
0.920529	1.826541	0.985546	1.678189	0.808325	1.383611	1.314482	1.507831	1.421457	0.108622
0.764376	1.256302	1.245411	1.319135	0.9924	1.329208	1.205211	0.958802	0.32168	0.054311
0.701193	0.877085	1.059255	1.275907	1.323855	0.988528	0.712394	0.64336	0.16084	0
1.443099	1.050209	0.535426	0.667871	0.984655	0.436259	0.574326	1.231053	0.08042	0
1.50087	1.759386	0.615429	0.414684	0.872519	0.21813	0.414727	1.370118	0.038208	0
0.697013	0.947815	0.746881	0.664083	0.568259	0.393194	0.305662	0.076415	0	0
0.719786	0.816278	0.965172	1.535563	0.979567	0.769359	0.152831	0	0	0
0.874354	0.614326	1.41082	1.172226	1.211272	1.023769	0.076415	0	0	0
0.615113	0.759822	1.133179	1.508377	0.977045	0.907684	0.038208	0	0	0
0.920529	0.685579	0.516425	0.644419	0.838322	1.861506	0.019104	0	0	0
0.497178	0.491878	0.444769	0.446246	0.651239	0.831522	0.224781	0	0	0
0.417443	0.604416	0.833176	0.407661	0.340069	0.430457	0.965398	0.11239	0	0
0.298962	0.573939	0.840582	0.614251	0.543475	0.914899	1.323851	1.725261	0	0
0.439099	0.563907	0.648937	0.531802	0.389794	0.774081	1.285779	1.173204	0	0
0.430757	0.525947	0.550482	0.495363	0.415931	0.405372	0.818843	1.212419	0	0
0.399604	0.369028	0.583289	0.526274	0.618099	0.585737	0.905047	1.137239	0	0
0.345139	0.382532	0.635921	0.586043	0.528897	0.661762	1.07213	0.329339	0	0
0.414539	0.304432	0.621025	0.580822	0.483832	0.599279	0.658678	0.164669	0	0
0.736165	0.621061	0.488151	0.535526	0.680718	0.683047	0.57611	0.082335	0	0
0.405233	0.47864	0.562127	0.683363	0.715086	0.793498	0.925003	0.041167	0	0
0.600436	0.675205	0.522667	0.352766	0.492808	0.721952	1.078545	0.020584	0	0
0.468395	0.345611	0.387863	0.385923	0.498619	0.881223	0.360976	0.010292	0	0
0.67013	0.53699	0.618778	0.474557	0.647691	1.058897	0.180488	0	0	0
0.602662	0.416483	0.534502	0.30956	0.688411	1.383611	0.08493	0	0	0
0.368579	0.474584	0.621025	0.679438	1.291559	0.169859	0	0	0	0
0.134713	0.450251	0.583289	0.825077	0.339719	0	0	0	0	0
0.2747	0.496949	0.547619	0.97344	0	0	0	0	0	0
0.385841	0.624468	1.029408	0	0	0	0	0	0	0
0.443717	1.035275	0	0	0	0	0	0	0	0
1.299628	0	0	0	0	0	0	0	0	0
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0.498013	0.341919	0.184055	0.184699	0.619888	0.523795	0.616289	0.832263	0.609966	0.487919
0.513021	0.641987	0.402908	0.442739	0.418095	0.372914	0.467041	0.459218	0.267689	0.513336
0.40398	0.606265	0.446476	0.471171	0.430577	0.243058	0.529638	0.439732	0.32136	0.810124
0.285468	0.4341	0.419377	0.575889	0.538226	0.385714	0.554659	0.473811	0.474398	0.586472
0.439644	0.547389	0.618655	0.538107	0.408079	0.320451	0.344416	0.337633	0.344959	0.421043
0.523015	0.277179	0.277464	0.356365	0.534425	0.481736	0.486921	0.416	0.33756	0.578796
0.545653	0.410212	0.244533	0.303342	0.286698	0.272592	0.489471	0.206526	0.190194	0.288529
0.354501	0.337726	0.322922	0.276461	0.14743	0.263726	0.563668	0.263072	0.285214	0.34943
0.13541	0.37635	0.49231	0.592836	0.408079	0.302586	0.267418	0.356726	0.467748	0.293572
0.413874	0.628973	0.566492	0.532431	0.394159	0.269442	0.389401	0.43068	0.608823	0.471482
0.386853	0.523888	0.61406	0.435912	0.304716	0.337244	0.379361	0.523548	0.550175	0.435647
0.598076	0.440095	0.326443	0.589607	0.381336	0.339083	0.466232	0.331649	0.297861	0.338044
0.587286	0.578416	0.295739	0.441975	0.345605	0.453665	0.555651	0.283329	0.326098	0.255293
0.344029	0.3916	0.211656	0.305566	0.223592	0.385031	0.42612	0.403901	0.364677	0.193356
0.265713	0.473	0.389079	0.518557	0.378023	0.12148	0.217711	0.354841	0.409178	0.168571
0.332023	0.284499	0.237755	0.384181	0.505159	0.344645	0.432802	0.392814	0.32729	0.254262
0.391581	0.239459	0.393869	0.448898	0.518632	0.364369	0.192037	0.142437	0.251846	0.254262
0.441926	0.291409	0.265012	0.285415	0.222668	0.480884	0.162142	0.370803	0.556201	0.353293
0.369084	0.23052	0.296838	0.344619	0.224981	0.396794	0.216345	0.345538	0.359502	0.376539
0.39499	0.336536	0.36012	0.297831	0.2158	0.322219	0.298683	0.349854	0.212989	0.174529
0.443454	0.321924	0.256905	0.153362	0.206363	0.413962	0.380023	0.289218	0.191066	0.216798
0.356376	0.346761	0.389079	0.246258	0.259742	0.207622	0.127084	0.259031	0.149094	0.269455
0.401194	0.287675	0.332375	0.256094	0.467079	0.283261	0.074511	0.300134	0.379908	0.243583
0.251219	0.150378	0.305173	0.182174	0.431323	0.316935	0.300334	0.303463	0.354388	0.403271
0.306723	0.316781	0.296838	0.207663	0.278224	0.228535	0.349945	0.332839	0.325503	0.379964
0.31178	0.159771	0.287043	0.267178	0.404557	0.242074	0.320081	0.214621	0.249844	0.396789
0.139951	0.23851	0.255902	0.198418	0.303602	0.258593	0.244513	0.234116	0.332697	0.412807
0.24536	0.277179	0.280634	0.338563	0.216254	0.451273	0.415925	0.442791	0.343717	0.304415
0.1848	0.254944	0.261447	0.345841	0.270943	0.385714	0.340769	0.456041	0.33695	0.306732
0.283346	0.294096	0.243071	0.326113	0.271976	0.379604	0.332969	0.466453	0.392212	0.356539
0.208644	0.406006	0.311958	0.406807	0.450389	0.337244	0.307565	0.446647	0.407739	0.441154
0.332023	0.3744	0.274317	0.345841	0.391428	0.432598	0.28676	0.513495	0.453944	0.409114
0.326727	0.338323	0.398018	0.261601	0.310327	0.393997	0.384018	0.4032	0.268731	0.396075
0.333209	0.215868	0.376998	0.287549	0.338316	0.382309	0.478527	0.431427	0.233183	0.397504
0.312345	0.204756	0.203589	0.339165	0.44961	0.370267	0.445713	0.354214	0.388072	0.493242
0.321494	0.307787	0.355057	0.282763	0.412344	0.417626	0.386029	0.347382	0.460385	0.375857
0.481833	0.482046	0.460688	0.389559	0.564791	0.37491	0.448807	0.464028	0.416448	0.312581
0.46704	0.624335	0.390442	0.518557	0.467079	0.278427	0.388049	0.436693	0.466101	0.334313
0.359518	0.415171	0.434223	0.490362	0.316584	0.448894	0.388724	0.395559	0.50207	0.401822
0.336187	0.431134	0.441841	0.359509	0.237215	0.291988	0.452707	0.376038	0.482858	0.481791
0.39226	0.423805	0.406436	0.544824	0.268372	0.341546	0.584382	0.527261	0.501178	0.317913
0.490274	0.380277	0.26964	0.660489	0.569894	0.536185	0.370196	0.411691	0.472726	0.435647
0.594811	0.357232	0.229194	0.291309	0.444966	0.580955	0.182682	0.466453	0.547193	0.526626
0.427674	0.423079	0.362035	0.395004	0.398288	0.400315	0.154191	0.489765	0.465279	0.406914
0.498882	0.472187	0.50191	0.502473	0.396908	0.42132	0.350564	0.498404	0.462825	0.570187
0.575719	0.334756	0.535855	0.445038	0.405962	0.561054	0.536234	0.542443	0.429849	0.388295
0.33025	0.311138	0.453524	0.376238	0.462244	0.470788	0.458225	0.543409	0.44681	0.353293

0.296238	0.32771	0.33718	0.398442	0.544959	0.327569	0.40246	0.462419	0.496745	0.50135
0.509443	0.496408	0.398713	0.354489	0.425394	0.347766	0.456641	0.39213	0.462825	0.584265
0.390225	0.292482	0.387042	0.374928	0.681675	0.591808	0.541007	0.435182	0.432884	0.463074
0.329073	0.492986	0.658535	0.532431	0.669885	0.583104	0.515832	0.426963	0.453145	0.433308
0.345859	0.47956	0.609514	0.517648	0.541099	0.35091	0.52314	0.36243	0.586569	0.601098
0.534186	0.623184	0.422306	0.697351	0.525993	0.413233	0.457432	0.331649	0.531625	0.301535
0.572617	0.627809	0.237275	0.44427	0.566825	0.617848	0.52314	0.33884	0.504757	0.283543
0.465427	0.611832	0.39181	0.492072	0.506044	0.633288	0.463012	0.385352	0.433646	0.428668
0.553469	0.602959	0.449594	0.597178	0.42246	0.342783	0.703211	0.50544	0.615728	0.411326
0.478502	0.63014	0.553381	0.708485	0.334717	0.435655	0.684112	0.635804	0.694352	0.464743
0.439644	0.531271	0.526416	0.752978	0.44037	0.583104	0.568754	0.682526	0.646985	0.322708
0.541797	0.464138	0.351921	0.563599	0.460645	0.656891	0.448807	0.594712	0.637126	0.43643
0.562434	0.517529	0.441841	0.633572	0.465461	0.528519	0.371493	0.331055	0.481153	0.429438
0.555446	0.500725	0.49231	0.48359	0.538226	0.569323	0.470292	0.683861	0.595334	0.595414
0.543721	0.53973	0.551398	0.34891	0.361194	0.675141	0.637342	0.6852	0.525928	0.421043
0.640506	0.456236	0.61406	0.520381	0.579233	0.632081	0.585444	0.724484	0.502964	0.573395
0.626285	0.355987	0.555372	0.315148	0.558746	0.4683	0.472746	0.687892	0.625108	0.61742
0.634524	0.397715	0.632737	0.307242	0.478572	0.370927	0.352426	0.651653	0.628678	0.663764
0.573648	0.393629	0.703854	0.513129	0.613032	0.536185	0.442641	0.714325	0.643262	0.638101
0.345248	0.360989	0.525483	0.492072	0.577141	0.510835	0.520385	0.583955	0.443676	0.430209
0.481833	0.395667	0.444925	0.336762	0.455093	0.357267	0.476867	0.575538	0.382612	0.610349
0.523935	0.458591	0.684617	0.43742	0.676395	0.52192	0.498081	0.452102	0.374549	0.671768
0.524857	0.541632	0.653502	0.603773	0.580284	0.474127	0.538137	0.657907	0.633485	0.659816
0.52118	0.474631	0.630358	0.531492	0.650919	0.481736	0.54778	0.656649	0.538367	0.482661
0.4262	0.58154	0.626814	0.457513	0.707669	0.592908	0.690837	0.357987	0.488879	0.464743
0.362684	0.458591	0.409278	0.391593	0.536321	0.480034	0.700431	0.348617	0.58118	0.585367
0.447297	0.508604	0.612919	0.552631	0.446508	0.398903	0.408079	0.406718	0.483713	0.424077
0.743322	0.597505	0.473723	0.404001	0.44961	0.393997	0.607251	0.414559	0.598667	0.362443
0.533244	0.46096	0.415743	0.426237	0.628027	0.664618	0.74413	0.580779	0.559246	0.314351
0.441926	0.555187	0.340819	0.418939	0.505159	0.549936	0.575977	0.467265	0.615728	0.496827
0.406081	0.530341	0.395939	0.502473	0.441897	0.431837	0.421721	0.340656	0.572693	0.610349
0.4262	0.55127	0.41502	0.596088	0.375391	0.382309	0.531512	0.418171	0.558229	0.354589
0.630974	0.54068	0.454314	0.493788	0.46385	0.437962	0.610618	0.541478	0.544231	0.367759
0.437375	0.609597	0.327033	0.43516	0.504275	0.446528	0.580159	0.421082	0.537398	0.310818
0.540838	0.537836	0.406436	0.491216	0.46385	0.52757	0.435806	0.260037	0.608823	0.430982
0.31178	0.416598	0.57372	0.668129	0.392791	0.529469	0.366969	0.396249	0.434409	0.444332
0.555446	0.654167	0.468789	0.600463	0.381336	0.474966	0.365044	0.550237	0.377891	0.553463
0.523015	0.514832	0.306296	0.461485	0.355517	0.596226	0.569779	0.701603	0.488014	0.445131
0.547594	0.450788	0.473723	0.530555	0.520461	0.570367	0.423182	0.75332	0.508365	0.428668
0.615918	0.584686	0.716686	0.574851	0.558746	0.562079	0.466232	0.603513	0.550175	0.510541
0.596985	0.567151	0.732903	0.610471	0.476083	0.441058	0.416645	0.471344	0.462825	0.639348
0.708152	0.473814	0.544529	0.554605	0.402457	0.537153	0.520385	0.610234	0.423842	0.346874
0.630974	0.382254	0.737433	0.561584	0.645998	0.785161	0.568754	0.511692	0.31493	0.45157
0.50413	0.304462	0.459886	0.432912	0.426869	0.664618	0.520385	0.721557	0.413526	0.634379
0.549544	0.466537	0.595059	0.319731	0.478572	0.344023	0.580159	0.714325	0.6558	0.641855
0.697034	0.562126	0.709511	0.426974	0.467079	0.532335	0.601696	0.574497	0.472726	0.508687
0.605792	0.589981	0.668781	0.550666	0.543991	0.566204	0.539092	0.586085	0.479454	0.440363

0.527635	0.527564	1.011795	0.627681	0.648452	0.612053	0.532452	0.595802	0.502964	0.677187
0.526707	0.543543	0.759221	0.641957	0.62452	0.543006	0.566713	0.625161	0.715722	0.702447
0.763633	0.582586	0.627992	0.648047	0.630381	0.536185	0.587576	0.566259	0.786974	0.671768
0.950641	0.837356	0.564449	0.53906	0.768076	0.597338	0.756566	0.553197	0.695745	0.45157
0.617057	0.592118	0.471249	0.37953	0.781236	0.712663	0.723189	0.457627	0.652	0.59092
0.467849	0.620889	0.726936	0.625346	0.561758	0.573517	0.676177	0.610234	0.836109	0.589804
0.498882	0.53501	0.596154	0.679847	0.669885	0.398199	0.726119	0.733385	0.541289	0.532448
0.424732	0.487061	0.372389	0.512231	0.547877	0.659451	0.756566	0.548275	0.583327	0.636856
0.421082	0.47956	0.369127	0.413187	0.560752	0.748976	0.515832	0.466453	0.776771	0.926169
0.474374	0.609597	0.435736	0.494649	0.781236	0.741157	0.627859	0.585019	0.694352	0.673116
0.596985	0.822545	0.633931	0.733136	0.552784	0.644309	0.787612	0.697444	0.760281	0.55449
0.577799	0.755234	0.542587	0.799069	0.432818	0.634499	0.92842	1.120753	0.859869	0.654608
0.615918	0.628973	0.421571	0.648047	0.568869	0.81351	0.747206	0.724484	0.442118	0.518036
0.508553	0.477088	0.322922	0.549687	0.487821	0.70833	0.550715	0.495794	0.505656	0.487919
0.324976	0.584686	0.493174	0.601564	0.554762	0.648045	0.804889	0.507217	0.593126	0.45157
0.449619	0.767888	0.778807	0.698727	0.489524	0.735001	0.566713	0.566259	0.741285	0.314943
0.662749	0.709415	0.75604	0.6746	0.445736	0.695585	0.590794	0.671989	0.753856	0.536373
0.749471	0.53501	0.402206	0.533372	0.577141	0.623722	0.539092	0.566259	0.367943	0.593161
0.77993	0.618607	0.293003	0.665567	0.771329	0.669848	0.395538	0.547298	0.509272	0.830984
0.546623	0.717914	0.592878	0.852599	0.390069	0.50181	0.481028	0.547298	0.562313	0.612693
0.401194	0.638399	0.595059	0.868605	0.49295	0.651814	0.696293	0.837946	0.6635	0.374497
0.539882	0.513043	0.539689	0.616132	0.521378	0.542025	0.689484	0.801392	0.535465	0.483533
0.650251	0.450788	0.429715	0.445807	0.490378	0.649298	0.49548	0.537641	0.447597	0.529527
0.580938	0.516628	0.441073	0.638344	0.61077	0.607472	0.453491	0.580779	0.600904	0.403271
0.44807	0.522062	0.471249	0.588537	0.566825	0.601813	0.472746	0.56728	0.453145	0.439574
0.43813	0.583635	0.415743	0.597178	0.430577	0.648045	0.539092	0.649177	0.528767	0.398221
0.546623	0.550297	0.464719	0.718466	0.495537	0.604067	0.571835	0.677226	0.540313	0.695282
0.612516	0.464936	0.526416	0.649275	0.583449	0.696983	0.511326	0.77752	0.569553	0.681296
0.453518	0.464936	0.466342	0.453576	0.525993	0.692803	0.525913	0.617059	0.616889	0.702447
0.486033	0.657888	0.570608	0.702882	0.560752	0.517267	0.455851	0.651653	0.452348	0.612693
0.678237	0.715062	0.70809	0.637146	0.555754	0.75855	0.649494	0.610234	0.588744	0.717142
0.626285	0.455453	0.558377	0.59827	0.534425	0.773318	0.610618	0.715762	0.397092	0.705347
0.725381	0.439341	0.476211	0.392273	0.490378	0.675141	0.423182	0.690599	0.476919	0.526626
0.576758	0.507721	0.457489	0.687838	0.617591	0.811683	0.529638	0.50367	0.642027	0.703894
0.6182	0.546424	0.644831	0.893779	0.803508	0.768339	0.416645	0.566259	0.333302	0.518982
0.463019	0.576346	0.710936	0.715591	0.480239	0.800879	0.484385	0.469708	0.379234	0.583166
0.569537	0.547389	0.723983	0.649275	0.567846	0.745832	0.673564	0.632227	0.442896	0.815715
0.686193	0.482878	0.58107	0.607109	0.776254	0.656891	0.519471	0.575538	0.435174	0.61387
0.574682	0.359106	0.459886	0.429933	0.521378	0.572464	0.467041	0.470525	0.500288	0.575548
0.652722	0.516628	0.563431	0.485273	0.435823	0.664618	0.530574	0.623994	0.498513	0.468942
0.62396	0.526642	0.495776	0.519468	0.455881	0.525678	0.541007	0.683861	0.515674	0.582069
0.595896	0.343124	0.639953	0.51674	0.471967	0.431837	0.517648	0.389407	0.535465	0.671768
0.500624	0.330632	0.568545	0.476096	0.545929	0.616683	0.581211	0.466453	0.524986	0.52088
0.388199	0.351042	0.424515	0.439691	0.550814	0.446528	0.624356	0.524473	0.389447	0.441154
0.594811	0.510374	0.578957	0.592836	0.443429	0.453665	0.36122	0.394185	0.506557	0.604544
0.499752	0.446939	0.607259	0.439691	0.395531	0.465826	0.494617	0.62167	0.600904	0.72165
0.347696	0.469756	0.639953	0.462284	0.543991	0.509924	0.696293	0.580779	0.516596	0.596545

0.255665	0.394987	0.541619	0.37167	0.597441	0.507203	0.694923	0.662975	0.717185	0.474036
0.491127	0.493839	0.775481	0.486117	0.716211	0.543989	0.540048	0.770934	0.895922	0.610349
0.84618	0.67569	0.517178	0.388883	0.535372	0.394695	0.601696	0.580779	0.645741	0.463907
0.610263	0.428187	0.542587	0.407511	0.484435	0.622541	0.672264	0.481295	0.614569	0.702447
0.325559	0.365413	0.506345	0.471171	0.484435	0.630877	0.614012	0.484663	0.775093	0.666415
0.451954	0.399773	0.46391	0.495511	0.506044	0.523795	0.70601	0.541478	0.575856	0.774588
0.480998	0.392275	0.528288	0.628853	0.49814	0.385031	0.526841	0.496662	0.585486	0.420288
0.595896	0.399086	0.429715	0.476096	0.543991	0.440282	0.533395	0.460016	0.613414	0.51993
0.58199	0.502463	0.533951	0.581114	0.735318	0.731955	0.672264	0.504554	0.543248	0.525663
0.611388	0.626648	0.544529	0.733136	0.699291	0.672486	0.614012	0.434428	0.505656	0.6406
0.445756	0.493839	0.437254	0.635951	0.481912	0.583104	0.566713	0.638205	0.568511	0.597679
0.399807	0.619747	0.362675	0.479411	0.552784	0.639376	0.49548	0.609106	0.566435	0.570187
0.537975	0.600769	0.487161	0.481078	0.438849	0.715576	0.550715	0.44356	0.439018	0.444332
0.619346	0.548356	0.464719	0.648047	0.613032	0.750557	0.6671	0.423278	0.367288	0.568061
0.472733	0.474631	0.444925	0.600463	0.588778	0.629676	0.441876	0.582894	0.528767	0.546345
0.390902	0.334165	0.370429	0.630028	0.429833	0.43336	0.430563	0.539556	0.399906	0.61505
0.455087	0.64319	0.559383	0.525901	0.36759	0.478338	0.415205	0.557174	0.459575	0.620998
0.480998	0.393629	0.363957	0.53906	0.372124	0.589616	0.399678	0.367563	0.526872	0.583166
0.690227	0.334165	0.290826	0.639545	0.593088	0.599569	0.507754	0.645489	0.541289	0.693863
0.4262	0.344939	0.345718	0.460688	0.486972	0.479185	0.526841	0.606861	0.546203	0.752957
0.304495	0.450788	0.690027	0.424768	0.426131	0.446528	0.499824	0.539556	0.403449	0.630688
0.454302	0.439341	0.522697	0.505112	0.331148	0.413962	0.388724	0.50367	0.32729	0.525663
0.503251	0.439341	0.489728	0.473627	0.502514	0.544975	0.470292	0.518036	0.419391	0.639348
0.588353	0.392275	0.350051	0.432912	0.567846	0.725927	0.560644	0.678545	0.548185	0.708266
0.344638	0.440095	0.526416	0.374274	0.577141	0.565169	0.697668	0.694693	0.3867	0.597679
0.358259	0.455453	0.623298	0.456722	0.470331	0.418362	0.74413	0.50544	0.486288	0.633145
0.548568	0.518432	0.537768	0.301681	0.358031	0.445743	0.599493	0.4932	0.541289	0.655904
0.473553	0.410917	0.583193	0.463887	0.593088	0.613206	0.456641	0.482976	0.760281	0.928594
0.499752	0.378964	0.574763	0.702882	0.613032	0.605199	0.670967	0.604626	0.773422	1.213955
0.486878	0.565134	0.518093	0.377552	0.483592	0.520985	0.685449	0.643047	0.623924	0.692448
0.498882	0.497268	0.536811	0.371022	0.502514	0.531378	0.741076	0.614772	0.699949	0.842799
0.51392	0.388909	0.551398	0.370374	0.517721	0.508108	0.542931	0.476291	0.597554	1.099175
0.460624	0.541632	0.62097	0.497241	0.471148	0.36698	0.423182	0.398322	0.498513	0.914241
0.295693	0.375049	0.36012	0.377552	0.316584	0.416156	0.711661	0.683861	0.512919	0.688233
0.388199	0.34798	0.503679	0.492929	0.520461	0.584183	0.591872	0.482135	0.664797	1.054702
0.508553	0.60516	0.519929	0.457513	0.480239	0.408884	0.596211	0.446647	0.660918	0.871686
0.532304	0.444646	0.447254	0.331997	0.496403	0.336023	0.51043	0.447422	0.382612	0.531472
0.327312	0.447706	0.559383	0.448898	0.456672	0.35028	0.509536	0.486357	0.567472	0.882486
0.337984	0.492135	0.476211	0.472807	0.458257	0.441058	0.618579	0.506328	0.493232	0.654608
0.281234	0.492986	0.385689	0.501596	0.501635	0.447316	0.700431	0.489765	0.571644	0.873825
0.480164	0.403919	0.461491	0.37953	0.384004	0.430319	0.631391	0.494063	0.6635	1.057966
0.485189	0.570195	0.472072	0.520381	0.552784	0.361773	0.398294	0.489765	0.67134	0.685445
0.420356	0.55127	0.494039	0.673298	0.553772	0.425047	0.311508	0.506328	0.646985	0.848829
0.382176	0.54068	0.343261	0.651742	0.476911	0.616683	0.408786	0.385352	0.733609	0.852897
0.465427	0.584686	0.482917	0.570726	0.289381	0.604067	0.559641	0.467265	0.780145	0.679922
0.484348	0.509488	0.413577	0.456722	0.244433	0.477493	0.569779	0.492339	0.53643	0.488802
0.468659	0.489591	0.516265	0.701493	0.514998	0.430319	0.27672	0.426963	0.658352	0.41728

0.498882	0.466537	0.456693	0.597178	0.680349	0.619017	0.602801	0.696066	0.744394	0.504087
0.6182	0.541632	0.543557	0.607109	0.618738	0.651814	0.650728	0.810246	0.715722	0.691039
0.604681	0.413748	0.467156	0.617273	0.60852	0.592908	0.513123	0.652897	0.898139	0.633145
0.556437	0.417313	0.467972	0.484431	0.455093	0.460109	0.385357	0.540516	0.6635	0.618609
0.580938	0.520243	0.484609	0.509548	0.368881	0.549936	0.505979	0.600192	0.744394	0.463074
0.434367	0.432614	0.53111	0.393636	0.434318	0.507203	0.603909	0.875776	1.000416	0.6406
0.462219	0.41233	0.536811	0.469542	0.436578	0.497366	0.535285	0.571389	0.714265	0.652027
0.465427	0.332984	0.431213	0.544824	0.486124	0.342783	0.320081	0.368209	0.59093	0.511471
0.620495	0.496408	0.63633	0.638344	0.424659	0.45607	0.366326	0.530068	0.679323	0.629465
0.622802	0.62549	0.657271	0.550666	0.463046	0.699792	0.78256	0.879957	0.739739	0.76115
0.72832	0.548356	0.414298	0.505112	0.666025	0.607472	0.694923	0.56524	0.488014	0.562791
0.455087	0.367962	0.371081	0.48951	0.689717	0.525678	0.656952	0.67069	0.773422	0.670423
0.26724	0.375049	0.593967	0.542895	0.583449	0.553946	0.67749	0.747088	1.104845	0.869557
0.502374	0.628973	0.695505	0.602667	0.447282	0.445743	0.512223	0.803149	0.911683	0.815715
0.467849	0.639592	0.577905	0.611597	0.568869	0.509015	0.703211	1.135633	1.130637	0.808277
0.40398	0.574286	0.575808	0.654223	0.654647	0.572464	0.703211	0.681195	1.273136	0.900347
0.424732	0.586797	0.509926	0.44735	0.50782	0.411778	0.607251	0.775864	1.214091	1.014363
0.635714	0.583635	0.646059	0.694612	0.679027	0.385031	0.513123	1.000188	1.101282	0.878134
0.479332	0.609597	0.541619	0.550666	0.815992	0.648045	0.933131	1.143269	0.70992	0.468942
0.322073	0.544501	0.416467	0.603773	0.693794	0.715576	0.806655	0.775864	0.452348	0.314351
0.418185	0.518432	0.519929	0.522214	0.592006	0.461735	0.451143	0.67069	0.453145	0.34879
0.371671	0.549325	0.38772	0.463887	0.586639	0.596226	0.66073	0.744006	0.489746	0.54133
0.606905	0.742939	0.606136	0.491216	0.535372	0.332379	0.571835	0.681195	0.453145	0.45157
0.694298	0.815325	0.421571	0.580064	0.669885	0.576689	0.745665	0.797901	0.692964	0.599955
0.485189	0.669248	0.476211	0.675905	0.747508	0.648045	0.642162	0.682526	0.834187	0.695282
0.397736	0.384903	0.47455	0.689184	0.481075	0.550935	0.557641	0.639411	0.702775	0.560701
0.292438	0.462546	0.434979	0.596088	0.486124	0.635713	0.501574	0.497532	0.643262	0.521833
0.489422	0.553224	0.379654	0.390914	0.489524	0.681849	0.785921	0.661702	0.721603	0.802781
0.59157	0.614079	0.38772	0.383514	0.695162	0.71704	0.962519	0.799643	0.675313	0.667747
0.528565	0.553224	0.597252	0.609347	0.647223	0.604067	0.715948	0.931173	0.512919	0.398939
0.41459	0.35289	0.356317	0.641957	0.566825	0.832216	0.799633	0.774215	0.476919	0.439574
0.376236	0.452338	0.549424	0.567657	0.52972	0.70404	0.661996	0.711466	0.535465	0.470634
0.536077	0.529413	0.440306	0.641957	0.597441	0.623722	0.473567	0.5144	0.450759	0.367759
0.686193	0.545462	0.58107	0.770507	0.586639	0.673811	0.701819	0.473811	0.429094	0.413549
0.626285	0.591048	0.535855	0.725739	0.587707	0.601813	0.822882	0.690599	0.548185	0.363766
0.598076	0.423079	0.378324	0.429933	0.58451	0.728931	0.996775	0.933542	0.505656	0.463074
0.669135	0.484546	0.487161	0.492929	0.600735	0.594011	0.583323	0.723018	0.451553	0.659816
0.530431	0.464936	0.478713	0.533372	0.582392	0.698385	0.669674	0.610234	0.589836	0.540334
0.609141	0.763099	0.662349	0.547735	0.626855	0.474966	0.724652	0.725955	0.657074	0.539341
0.625121	0.64319	0.725457	0.318006	0.473609	0.198641	0.366326	0.578675	0.503859	0.509613
0.540838	0.523888	0.685964	0.471171	0.496403	0.281644	0.116842	0.364989	0.375883	0.476606
0.601366	0.486221	0.506345	0.331405	0.63872	0.423553	0.096711	0.408133	0.692964	0.481791
0.641712	0.782578	0.602783	0.470356	0.714776	0.680499	0.480193	0.734887	0.973162	0.875974
0.515723	0.745981	0.611781	0.616132	0.582392	0.679153	0.570806	0.637003	0.557214	0.670423
0.452735	0.617471	0.44261	0.59827	0.459847	0.634499	0.467852	0.491479	0.466923	0.429438
0.397048	0.366686	0.488015	0.534315	0.522297	0.510835	0.441112	0.463223	0.48715	0.594286
0.410315	0.599678	0.661074	0.620715	0.772964	0.728931	0.520385	0.372106	0.449175	0.524702

0.614781	0.69697	0.526416	0.47858	0.632747	0.667225	0.421721	0.368209	0.341244	0.341177
0.784941	0.719347	0.570608	0.660489	0.536321	0.598452	0.390079	0.271268	0.334514	0.41728
0.565464	0.646818	0.584259	0.521297	0.560752	0.573517	0.404559	0.475463	0.372557	0.419534
0.380187	0.606265	0.58107	0.715591	0.522297	0.553946	0.55367	0.540516	0.503859	0.49146
0.572617	0.494694	0.48039	0.835269	0.727869	0.634499	0.502451	0.471344	0.592027	0.518036
0.684857	0.565134	0.495776	0.708485	0.781236	0.839931	0.573901	0.541478	0.742837	0.695282
0.41316	0.38958	0.494907	0.457513	0.955627	0.882844	0.496346	0.530068	0.506557	0.505003
0.543721	0.502463	0.48039	0.721361	1.022973	0.837989	0.412341	0.460016	0.459575	0.467257
0.344029	0.513937	0.592878	1.050772	0.867815	0.677812	0.590794	0.572423	0.652	0.557584
0.480164	0.38757	0.509926	0.833386	0.554762	0.506299	0.583323	0.578675	0.6635	0.549381
0.584101	0.49813	0.561402	0.616132	0.635127	0.457681	0.650728	0.604626	0.675313	0.463907
0.614781	0.4341	0.588547	0.589607	0.722001	0.736532	0.524063	0.488911	0.592027	0.518036
0.529497	0.566142	0.384341	0.293472	0.649684	0.671165	0.477696	0.450536	0.46446	0.606857
0.59157	0.514832	0.477878	0.644383	0.639925	0.42132	0.617433	0.520783	0.488014	0.571254
0.699787	0.57326	0.667487	0.825933	0.592006	0.404578	0.527771	0.59909	0.572693	0.411326
0.592647	0.559138	0.275364	0.424035	0.558746	0.458489	0.377381	0.301795	0.468573	0.344333
0.50413	0.451562	0.489728	0.346453	0.504275	0.461735	0.3741	0.36052	0.420129	0.510541
0.437375	0.368602	0.31539	0.445807	0.654647	0.444958	0.473567	0.502788	0.505656	0.527591
0.429152	0.2594	0.419377	0.587468	0.680349	0.493844	0.481028	0.566259	0.572693	0.667747
0.482669	0.437087	0.369127	0.36395	0.474432	0.549936	0.57911	0.509897	0.460385	0.663764
0.617057	0.487061	0.472072	0.448123	0.589851	0.554954	0.626688	0.469708	0.364677	0.389699
0.463019	0.411623	0.499271	0.544824	0.604055	0.489481	0.504212	0.464835	0.562313	0.518036
0.39499	0.537836	0.529226	0.458304	0.520461	0.469957	0.405963	0.372106	0.455545	0.625816
0.481833	0.691551	0.715242	0.540973	0.628027	0.555965	0.484385	0.519865	0.419391	0.497728
0.626285	0.638399	0.561402	0.471171	0.657149	0.715576	0.615149	0.618208	0.441341	0.40985
0.431379	0.645605	0.578957	0.549687	0.592006	0.662027	0.524063	0.702999	0.540313	0.462242
0.583044	0.516628	0.575808	0.728683	0.724925	0.612053	0.513123	0.682526	0.518447	0.458106
0.646571	0.501593	0.656011	0.685158	0.615305	0.4191	0.459815	0.592539	0.564369	0.444593
0.566478	0.58154	0.653502	0.558579	0.548854	0.399608	0.442641	0.531949	0.413526	0.365093
0.460624	0.462546	0.592878	0.571753	0.586639	0.534256	0.431309	0.436693	0.467748	0.463074
0.589423	0.586797	0.684617	0.752978	0.552784	0.454465	0.332969	0.50544	0.568511	0.51993
0.44807	0.260896	0.754459	0.816792	0.74137	0.626094	0.480193	0.481295	0.512919	0.505921
0.522097	0.571214	0.601671	0.432166	0.527852	0.776669	0.597302	0.56728	0.557214	0.578796
0.821735	0.77927	0.558377	0.187239	0.351774	0.629676	0.459019	0.516214	0.51752	0.558621
0.69158	0.876757	0.598353	0.254109	0.117442	0.560032	0.415205	0.406718	0.589836	0.494135
0.632154	0.562126	0.619811	0.280126	0.103892	0.478338	0.499824	0.421813	0.466101	0.531472
0.403282	0.537836	0.824543	0.380854	0.232941	0.559011	0.503331	0.51895	0.520305	0.526626
0.565464	0.497268	0.675309	0.48359	0.404557	0.797337	0.571835	0.580779	0.486288	0.411326
0.657707	0.589981	0.626814	0.6746	0.572985	0.580955	0.430563	0.432175	0.613414	0.61742
0.510334	0.688867	0.596154	0.495511	0.476083	0.486884	0.410915	0.516214	0.614569	0.650743
0.44422	0.558147	0.562416	0.43742	0.471967	0.428052	0.481028	0.59909	0.583327	0.493242
0.501498	0.568163	0.609514	0.484431	0.50782	0.537153	0.518558	0.51895	0.516596	0.488802
0.44422	0.46096	0.542587	0.660489	0.585573	0.478338	0.43883	0.391448	0.563339	0.51615
0.367154	0.55127	0.593967	0.698727	0.699291	0.472454	0.484385	0.496662	0.463642	0.671768
0.610263	0.682228	0.653502	0.436665	0.453519	0.497366	0.673564	0.739422	0.6635	0.572323
0.468659	0.723674	0.496647	0.391593	0.374736	0.592908	0.554659	0.574497	0.522171	0.39465
0.647794	0.761515	0.529226	0.612727	0.659667	0.608613	0.443407	0.401103	0.70992	0.784947

0.610263	0.583635	0.589626	0.592836	0.633935	0.562079	0.452707	0.520783	0.565401	0.624607
0.529497	0.67569	0.656011	0.396376	0.43507	0.516342	0.416645	0.546323	0.435174	0.444332
0.72832	0.63131	0.410707	0.351381	0.506044	0.675141	0.550715	0.502788	0.449175	0.45157
0.480998	0.651703	0.616352	0.490362	0.553772	0.474127	0.443407	0.426224	0.611112	0.552439
0.588353	0.732459	0.749749	0.595001	0.597441	0.557994	0.521302	0.655395	0.755454	0.802781
0.713819	0.567151	0.610646	0.505112	0.475257	0.572464	0.577019	0.744006	0.555191	0.465579
0.682197	0.589981	0.633931	0.619564	0.509604	0.608613	0.475214	0.551221	0.616889	0.625816
0.501498	0.741427	0.662349	0.540016	0.489524	0.418362	0.449584	0.418171	0.548185	0.627029
0.661483	0.761515	0.61406	0.503351	0.617591	0.572464	0.538137	0.479621	0.449175	0.34879
0.600267	0.717914	0.509926	0.450452	0.565807	0.742709	0.7426	0.715762	0.526872	0.557584
0.613647	0.608483	0.548441	0.513129	0.548854	0.684562	0.599493	0.604626	0.394297	0.401822
0.686193	0.708014	0.826402	0.589607	0.60852	0.495602	0.352426	0.522624	0.622744	0.708266
0.651485	0.77927	0.70809	0.660489	0.652158	0.492968	0.494617	0.629859	0.708482	1.113829
0.880375	0.924674	0.57372	0.513129	0.560752	0.570367	0.594036	0.857445	0.516596	0.732352
0.726848	0.617471	0.72842	0.543858	0.43507	0.711214	0.575977	0.727431	0.607683	0.570187
0.708152	0.636023	0.886229	0.724275	0.632747	0.557994	0.643375	0.634609	0.913983	0.819482
0.614781	0.626648	0.671381	0.697351	0.752168	0.546952	0.688135	0.677226	0.565401	0.72165
0.651485	0.782578	0.661074	0.552631	0.525066	0.644309	0.720278	0.700212	0.506557	0.655904
0.752579	0.69697	0.778807	0.635951	0.650919	0.790338	0.714514	0.6852	0.705619	0.648185
0.620495	0.619747	0.835818	0.681168	0.703459	0.721461	0.456641	0.509002	0.820963	0.76614
0.983864	0.811759	0.762424	0.494649	0.753733	0.651814	0.594036	0.796165	0.928039	1.485247
1.127323	0.745981	0.652252	0.533372	0.642344	0.741157	0.822882	0.940731	0.752265	1.307872
0.81991	0.388909	0.608385	0.395004	0.501635	0.671165	0.649494	0.689243	0.542268	0.757854
0.673013	0.488746	0.602783	0.541933	0.645998	0.627285	0.567732	0.590377	0.419391	0.933486
0.526707	0.487903	0.598353	0.614994	0.626855	0.557994	0.549734	0.533838	0.480303	0.958808
0.570561	0.664162	0.587471	0.590681	0.692431	0.66592	0.684112	0.649177	0.465279	0.938434
0.501498	0.468144	0.502794	0.467109	0.542061	0.714117	0.804889	0.710043	0.757057	1.191106
0.520266	0.464936	0.444152	0.450452	0.543025	0.538123	0.585444	0.665531	0.653263	1.0885
0.686193	0.507721	0.509926	0.628853	0.800007	0.636931	0.735031	0.552208	0.544231	1.238073
0.673013	0.541632	0.489728	0.481914	0.723461	0.70404	0.603909	0.661702	0.627485	0.272116
0.532304	0.796066	0.652252	0.53526	0.521378	0.695585	0.72907	0.668103	0.913983	0.136058
0.455087	0.837356	0.797573	0.746776	0.711919	0.531378	0.659467	0.952982	1.174543	0.068029
0.732767	0.975942	0.631546	0.593917	0.668594	0.650554	0.7426	1.056301	0.890748	0.034014
0.975969	1.522609	1.073013	0.73613	0.62452	0.715576	0.901183	0.828515	2.808852	0.017007
0.783264	1.455141	1.393814	1.267321	0.75688	0.536185	0.819224	0.728912	1.000416	0.008504
0.838511	0.895725	1.003313	1.201162	0.750609	0.715576	1.068131	1.078949	1.311692	0.004252
0.719562	0.547389	0.658535	0.862534	0.687019	0.880701	1.098232	1.315984	0.398083	0.002126
0.653963	0.63484	0.458287	0.73463	0.897335	0.909414	0.959993	0.796165	0.199041	0
0.682197	0.542586	0.630358	0.773771	0.597441	0.564136	0.721731	0.705803	0.099521	0
0.505894	0.557158	0.716686	0.745239	0.521378	0.565169	0.821049	1.23277	0.04976	0
0.495418	0.476268	0.537768	0.659228	0.566825	0.880701	1.374362	1.411806	0.02488	0
0.489422	0.436339	0.413577	0.587468	0.693794	0.768339	0.774268	2.754514	0.01244	0
0.554456	0.651703	0.648526	0.623024	0.423192	0.577752	1.005079	0.775917	0.00622	0
0.710976	0.683548	0.833918	0.918212	0.552784	0.524736	0.777566	2.205974	0.00311	0
0.823567	0.500725	0.482073	0.73613	0.82329	0.986682	0.769368	1.693543	0.001555	0
0.760446	0.57738	0.401505	0.556587	0.880221	1.017777	1.005079	1.997867	7.78E-04	0
0.825407	0.654167	0.529226	0.596088	0.639925	0.583104	0.865305	1.237529	3.89E-04	0

0.853987	0.655404	0.737433	0.925121	0.763242	0.82841	1.348957	0.432653	1.94E-04	0
0.639303	0.562126	0.679274	0.811399	0.763242	0.978574	1.430117	0.216326	0	0
0.601366	0.57326	0.514444	0.612727	0.890838	0.656891	0.954983	0.108163	0	0
0.686193	0.85269	0.802834	0.782041	0.742896	0.756939	1.126862	0.054082	0	0
0.778273	0.632484	0.677948	1.017941	0.613032	0.918645	1.105215	0.027041	0	0
0.716681	0.504209	0.506345	0.768884	0.74137	1.101554	1.115903	0.01352	0	0
0.382841	0.599678	0.555372	0.633572	0.74137	0.930467	0.888179	0.00676	0	0
0.381512	0.53595	0.444925	0.521297	0.58451	0.66592	1.010705	0.00338	0	0
0.571588	0.448475	0.479551	0.749866	0.587707	0.598452	1.212453	0.00169	0	0
0.683525	0.548356	0.382326	0.625346	0.648452	1.044986	0.821719	8.45E-04	0	0
0.652722	0.507721	0.446476	0.518557	0.693794	1.166609	1.80914	4.23E-04	0	0
0.537025	0.67569	0.77218	0.657972	0.587707	0.769992	0.692177	2.11E-04	0	0
0.633337	0.565134	0.826402	1.023729	0.719097	0.614362	0.991325	1.06E-04	0	0
0.732767	0.475448	0.519929	0.745239	0.717651	0.93287	0.775914	5.28E-05	0	0
0.598076	0.583635	0.482917	0.589607	0.60852	1.098014	1.235584	2.64E-05	0	0
0.532304	0.636023	0.609514	0.54871	0.49814	0.55294	1.039981	1.32E-05	0	0
0.754141	0.722227	0.778807	0.790472	0.400368	0.422063	0.727592	6.60E-06	0	0
0.743322	0.604058	0.648526	0.599365	0.702065	0.752144	0.704608	3.30E-06	0	0
0.646571	0.559138	0.580013	0.724275	0.853774	1.209988	1.485567	1.65E-06	0	0
0.510334	0.64319	0.692758	0.666846	0.732323	1.318221	0.604994	8.25E-07	0	0
0.59157	0.53501	0.597252	0.920503	0.794806	1.22863	0.302497	0	0	0
0.673013	0.588917	0.548441	0.806072	0.763242	0.770575	0.151248	0	0	0
0.600267	0.510374	0.387042	0.66302	0.777908	1.361256	0.075624	0	0	0
0.435117	0.431874	0.440306	0.666846	0.781236	0.841881	0.037812	0	0	0
0.499752	0.525722	0.626814	0.637146	0.683005	1.187757	0.018906	0	0	0
0.641712	0.569178	0.638742	0.818605	0.84595	3.109444	0.009453	0	0	0
0.629797	0.509488	0.505455	0.546763	0.836364	1.336145	0.004727	0	0	0
0.497147	0.676989	0.500149	0.525901	0.572985	0.900376	0.002363	0	0	0
0.456662	0.511262	0.725457	0.689184	0.448833	0.671165	0.001182	0	0	0
0.583044	0.584686	0.656011	0.669415	0.566825	0.994944	5.91E-04	0	0	0
0.609141	0.560132	0.441841	0.677215	0.92901	1.823137	2.95E-04	0	0	0
0.564452	0.582586	0.467972	0.619564	0.863756	1.953096	1.48E-04	0	0	0
0.686193	0.694252	0.57268	0.71416	0.668594	1.20545	7.39E-05	0	0	0
0.80033	0.644396	0.667487	0.814987	0.691071	1.487921	3.69E-05	0	0	0
0.861937	0.67569	0.479551	0.552631	0.787968	0.56879	1.85E-05	0	0	0
0.603573	0.513043	0.426736	0.286481	0.446508	1.116007	9.23E-06	0	0	0
0.360782	0.543543	0.63633	0.66302	0.511394	0.914005	4.62E-06	0	0	0
0.549544	0.57326	0.684617	0.925121	0.700676	0.255697	2.31E-06	0	0	0
0.633337	0.637209	0.66491	0.712734	0.720546	0.127849	0	0	0	0
0.491982	0.454672	0.503679	0.625346	0.963178	0.063924	0	0	0	0
0.438886	0.619747	0.788942	0.809616	0.950664	0.031962	0	0	0	0
0.610263	0.666698	0.809951	0.906935	1.174921	0.015981	0	0	0	0
0.664019	0.538782	0.826402	0.939278	1.552428	0.007991	0	0	0	0
0.630974	0.522974	0.57268	0.893779	1.276988	0.003995	0	0	0	0
0.608022	0.784241	0.738954	0.842886	1.425129	0.001998	0	0	0	0
0.629797	0.829888	0.657271	0.718466	1.099227	9.99E-04	0	0	0	0
0.583044	0.705227	0.626814	0.53906	1.332715	4.99E-04	0	0	0	0

0.458242	0.579455	0.49752	0.675905	0.26953	2.50E-04	0	0	0	0
0.644135	0.6929	0.574763	0.656719	0.134765	0	0	0	0	0
0.635714	0.648034	0.841567	0.733136	0.067383	0	0	0	0	0
0.671717	0.567151	0.899251	0.953912	0.033691	0	0	0	0	0
0.566478	0.46096	0.773827	0.874763	0.016846	0	0	0	0	0
0.486878	0.522974	0.544529	0.664292	0.008423	0	0	0	0	0
0.347696	0.492986	0.845443	0.920503	0.004211	0	0	0	0	0
0.455874	0.38757	0.672686	1.159403	0.002106	0	0	0	0	0
0.534186	0.315081	0.649764	1.464111	0.001053	0	0	0	0	0
0.636907	0.680913	0.726936	0.936886	5.26E-04	0	0	0	0	0
0.645351	0.97079	0.943269	1.299082	2.63E-04	0	0	0	0	0
0.550522	0.607373	0.671381	0.33569	1.32E-04	0	0	0	0	0
0.601366	0.484546	0.921861	0.503535	6.58E-05	0	0	0	0	0
0.874142	0.797782	0.869452	1.377078	3.29E-05	0	0	0	0	0
0.776621	0.839244	0.888372	0.434726	1.65E-05	0	0	0	0	0
0.698408	0.799505	1.48539	0.217363	0	0	0	0	0	0
0.678237	0.584686	2.341501	0.108681	0	0	0	0	0	0
0.880375	1.148677	1.129074	0.054341	0	0	0	0	0	0
0.758861	1.333338	0.853299	0.02717	0	0	0	0	0	0
0.551502	1.064765	0.277102	0.013585	0	0	0	0	0	0
0.505011	0.554204	0.415653	0.006793	0	0	0	0	0	0
0.531366	0.820729	3.144763	0.003396	0	0	0	0	0	0
0.468659	0.915559	0.39046	0.001698	0	0	0	0	0	0
0.646571	0.780921	0.580785	8.49E-04	0	0	0	0	0	0
0.653963	0.77111	1.935823	4.25E-04	0	0	0	0	0	0
0.549544	0.761515	0.992256	2.12E-04	0	0	0	0	0	0
0.495418	0.902236	0.380758	1.06E-04	0	0	0	0	0	0
0.656455	0.860565	0.190379	0	0	0	0	0	0	0
0.644135	0.698335	0.387007	0	0	0	0	0	0	0
0.665292	0.583635	1.700942	0	0	0	0	0	0	0
0.502374	0.915559	1.306814	0	0	0	0	0	0	0
0.485189	0.749043	1.912493	0	0	0	0	0	0	0
0.603573	0.513937	1.636233	0	0	0	0	0	0	0
0.737259	0.601863	0.824543	0	0	0	0	0	0	0
0.611388	1.07117	1.234367	0	0	0	0	0	0	0
0.649021	0.854646	0.337197	0	0	0	0	0	0	0
0.550522	0.674394	0.168598	0	0	0	0	0	0	0
0.569537	0.665428	0.417013	0	0	0	0	0	0	0
0.716681	0.682228	1.026309	0	0	0	0	0	0	0
0.590495	0.860565	0.341114	0	0	0	0	0	0	0
0.575719	1.037054	0.170557	0	0	0	0	0	0	0
0.645351	0.6929	0.085279	0	0	0	0	0	0	0
0.722462	0.619747	0.042639	0	0	0	0	0	0	0
0.784941	0.844956	0.02132	0	0	0	0	0	0	0
0.836614	1.53183	0.01066	0	0	0	0	0	0	0
0.688878	1.133517	0.00533	0	0	0	0	0	0	0
0.646571	1.886348	0.002665	0	0	0	0	0	0	0

0.541797	0.741427	0.001332	0	0	0	0	0	0	0
0.870035	0.815325	6.66E-04	0	0	0	0	0	0	0
0.973368	2.066677	3.33E-04	0	0	0	0	0	0	0
0.803825	0.748381	1.67E-04	0	0	0	0	0	0	0
0.692937	1.267742	8.33E-05	0	0	0	0	0	0	0
1.123643	1.160405	4.16E-05	0	0	0	0	0	0	0
1.186626	0.918019	2.08E-05	0	0	0	0	0	0	0
0.712395	1.23832	1.04E-05	0	0	0	0	0	0	0
0.878287	0.846876	5.20E-06	0	0	0	0	0	0	0
1.275644	1.383312	2.60E-06	0	0	0	0	0	0	0
1.095276	1.257711	1.30E-06	0	0	0	0	0	0	0
0.729797	1.455141	6.51E-07	0	0	0	0	0	0	0
0.747926	1.339279	3.25E-07	0	0	0	0	0	0	0
1.055923	1.686998	1.63E-07	0	0	0	0	0	0	0
1.659364	0.8724	8.13E-08	0	0	0	0	0	0	0
0.688878	3.422064	4.07E-08	0	0	0	0	0	0	0
0.765236	2.785242	2.03E-08	0	0	0	0	0	0	0
1.157941	0.382618	1.02E-08	0	0	0	0	0	0	0
1.343007	0.191309	0	0	0	0	0	0	0	0
1.291531	0.095654	0	0	0	0	0	0	0	0
0.882473	0.047827	0	0	0	0	0	0	0	0
1.112787	0.023914	0	0	0	0	0	0	0	0
1.374483	0.011957	0	0	0	0	0	0	0	0
1.016965	0.005978	0	0	0	0	0	0	0	0
0.870035	0.002989	0	0	0	0	0	0	0	0
0.970783	0.001495	0	0	0	0	0	0	0	0
1.109228	7.47E-04	0	0	0	0	0	0	0	0
0.793423	0.353747	0	0	0	0	0	0	0	0
0.706746	2.217944	0	0	0	0	0	0	0	0
0.989209	0.353373	0	0	0	0	0	0	0	0
1.308021	0.671291	0	0	0	0	0	0	0	0
1.270476	1.310354	0	0	0	0	0	0	0	0
0.986528	0.968237	0	0	0	0	0	0	0	0
0.738767	1.288525	0	0	0	0	0	0	0	0
0.798593	0.369383	0	0	0	0	0	0	0	0
1.037507	0.184692	0	0	0	0	0	0	0	0
0.876209	0.092346	0	0	0	0	0	0	0	0
0.836614	0.046173	0	0	0	0	0	0	0	0
1.275644	0.023086	0	0	0	0	0	0	0	0
1.302455	0.011543	0	0	0	0	0	0	0	0
1.190883	0.508596	0	0	0	0	0	0	0	0
1.005649	1.197618	0	0	0	0	0	0	0	0
1.075153	1.513579	0	0	0	0	0	0	0	0
1.019841	2.452028	0	0	0	0	0	0	0	0
1.485459	1.160405	0	0	0	0	0	0	0	0
1.168401	0.981155	0	0	0	0	0	0	0	0
2.035468	0.490578	0	0	0	0	0	0	0	0

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

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0.612012	0.613612	0.650699	0.66534	0.724163	0.884501	1.060851	0.920642	0.889114	0.856232
0.758587	0.666413	0.938599	0.814026	0.601689	0.873758	0.563733	0.768046	0.360168	0.777023
0.667967	0.682759	0.434978	0.554781	0.756623	0.702389	0.393044	0.478614	0.499685	0.791039
0.435358	0.46643	0.491053	0.386457	0.361194	0.624077	0.470056	0.43325	0.28933	0.514661
0.580114	0.438659	0.570817	0.376701	0.220188	0.531883	0.691594	0.776594	0.392652	0.509975
0.610872	0.508002	0.4505	0.417114	0.36184	0.383592	0.45853	0.664589	0.444064	0.38595
0.229773	0.38026	0.362796	0.42244	0.37165	0.348019	0.487071	0.33361	0.349222	0.401643
0.379128	0.288902	0.355751	0.461676	0.607343	0.621695	0.48104	0.361908	0.484664	0.483751
0.197404	0.328177	0.191604	0.347393	0.406049	0.291741	0.293565	0.382317	0.430055	0.374884
0.223197	0.370682	0.141112	0.16369	0.391268	0.391209	0.481896	0.493652	0.443274	0.564529
0.250123	0.298536	0.255757	0.201125	0.239756	0.23213	0.322871	0.272711	0.353054	0.28959
0.25411	0.450693	0.33286	0.356505	0.255666	0.223023	0.388872	0.250043	0.407665	0.225532
0.328757	0.358671	0.282286	0.312741	0.400358	0.282941	0.177688	0.25834	0.336688	0.395155
0.336555	0.306633	0.129261	0.250771	0.235868	0.294528	0.283676	0.337991	0.332998	0.241813
0.369228	0.346983	0.195101	0.374639	0.401066	0.378813	0.456909	0.368605	0.361474	0.230402
0.223663	0.274027	0.185982	0.367159	0.170001	0.311637	0.21685	0.288695	0.294344	0.325245
0.328757	0.489823	0.460895	0.495654	0.205957	0.291741	0.191963	0.257294	0.454471	0.358137
0.239345	0.284996	0.275897	0.237567	0.237808	0.255002	0.158949	0.337362	0.284921	0.339487
0.37119	0.189185	0.247262	0.140281	0.247638	0.329447	0.283133	0.390047	0.278391	0.370129
0.306169	0.247248	0.260322	0.275163	0.210497	0.281854	0.24325	0.28534	0.312656	0.36878
0.186985	0.183432	0.25074	0.177843	0.352247	0.24491	0.353023	0.320728	0.242634	0.285124
0.332339	0.316077	0.236027	0.225239	0.374304	0.267957	0.306537	0.445965	0.339166	0.374884
0.32757	0.247758	0.232186	0.218006	0.275879	0.208105	0.400088	0.335482	0.233284	0.434056
0.182293	0.286109	0.357661	0.291842	0.452077	0.378813	0.465079	0.385112	0.422462	0.40237
0.362751	0.365303	0.365386	0.393562	0.284993	0.217369	0.356863	0.318919	0.360168	0.508115
0.42042	0.346983	0.383964	0.519879	0.288256	0.360206	0.569988	0.452465	0.643289	0.56242
0.367925	0.299109	0.346325	0.36047	0.337326	0.439174	0.622382	0.469154	0.521818	0.590665
0.238861	0.42695	0.338318	0.48403	0.430342	0.576607	0.366615	0.370634	0.45936	0.56242
0.411697	0.320876	0.462517	0.493845	0.372312	0.389118	0.36334	0.349462	0.35692	0.600886
0.530085	0.351491	0.45928	0.405915	0.340392	0.530918	0.347326	0.318919	0.333611	0.413423
0.432329	0.465588	0.403373	0.290145	0.43798	0.632518	0.441796	0.568085	0.597036	0.57849
0.317606	0.206452	0.264421	0.32664	0.458492	0.62888	0.586033	0.57238	0.536246	0.306176
0.326385	0.363969	0.499815	0.386457	0.574476	0.372075	0.590414	0.476014	0.435449	0.732806
0.273562	0.432375	0.484168	0.328486	0.393349	0.346126	0.366615	0.31413	0.501487	0.743845
0.424847	0.526975	0.331656	0.309188	0.585157	0.429911	0.494068	0.183061	0.373409	0.469933
0.283625	0.415548	0.293699	0.284536	0.334888	0.372744	0.583859	0.426258	0.430821	0.427839
0.186985	0.236188	0.256767	0.386457	0.27854	0.30414	0.533739	0.318919	0.364757	0.56242
0.367275	0.39147	0.44112	0.519879	0.425074	0.53674	0.384739	0.380232	0.530417	0.646909
0.416037	0.404438	0.315147	0.537478	0.383043	0.40397	0.419698	0.373355	0.567676	0.607837
0.524451	0.276199	0.340766	0.769258	0.605072	0.47072	0.525131	0.404464	0.819981	0.812948
0.332938	0.350845	0.308828	0.445231	0.429585	0.427626	0.421186	0.392179	0.761999	1.085145
0.416764	0.363303	0.527217	0.427058	0.390577	0.43529	0.274539	0.570227	0.968719	0.999539
0.538675	0.356701	0.501589	0.389995	0.280144	0.400388	0.460158	0.469154	0.559345	0.411933
0.514308	0.32148	0.628714	0.510401	0.383043	0.447047	0.403653	0.555451	0.337926	0.305012
0.503507	0.35999	0.523462	0.607724	0.616544	0.630089	0.45288	0.769742	0.69789	0.704186
0.411697	0.433937	0.388051	0.331581	0.501779	0.46241	0.583859	0.820147	0.727242	0.63556
0.522589	0.387936	0.441894	0.420149	0.552864	0.425352	0.472566	0.683681	0.629737	0.644362

0.376466	0.352139	0.470717	0.340999	0.381687	0.434518	0.424179	0.507367	0.648324	0.856232
0.258639	0.508931	0.575007	0.453376	0.471613	0.537718	0.531811	0.531234	0.761999	0.595178
0.393379	0.471521	0.531956	0.466734	0.543922	0.475784	0.430226	0.23391	0.506025	0.380382
0.458775	0.518334	0.424433	0.496561	0.42883	0.528037	0.517619	0.366585	0.574031	0.319797
0.465238	0.48276	0.265452	0.332202	0.46747	0.528995	0.470056	0.408884	0.618955	0.505339
0.373161	0.487161	0.348818	0.454199	0.442628	0.440737	0.634394	0.533201	0.635844	0.576313
0.332938	0.529893	0.530054	0.694421	0.537092	0.42159	0.539575	0.493652	0.62014	0.474204
0.519811	0.476672	0.547481	0.634328	0.417658	0.642371	0.314044	0.446772	0.558315	0.498931
0.585449	0.488047	0.448922	0.479641	0.504465	0.692491	0.686071	0.797825	0.736448	0.753535
0.464425	0.472375	0.399843	0.485798	0.548867	0.560838	0.407971	1.145678	0.775361	0.523225
0.536751	0.610075	0.544528	0.524696	0.357978	0.398252	0.614167	1.166358	0.904823	0.468237
0.589765	0.670442	0.638348	0.514167	0.536125	0.567077	0.629549	0.92548	0.878231	0.662518
0.513397	0.363969	0.694147	0.382249	0.574476	0.757197	0.668592	0.833719	0.561413	0.816709
0.652661	0.518334	0.671223	0.447658	0.517223	0.486961	0.623568	0.709529	0.623714	0.603191
0.497328	0.35933	0.557473	0.38016	0.742414	0.472402	0.509322	0.587754	0.75224	0.556155
0.553381	0.425412	0.637132	0.430165	0.508978	0.516698	0.588218	0.607185	0.541164	0.695527
0.76993	0.728072	0.526275	0.159491	0.429585	0.351831	0.527029	0.621444	0.501487	0.51278
0.463613	0.715918	0.500701	0.492944	0.634341	0.384967	0.510236	0.756353	0.683926	0.761779
0.447689	0.564421	0.622799	0.776118	0.68844	0.609976	0.515762	0.490066	0.728763	0.948042
0.388577	0.468968	0.323323	0.364471	0.49911	0.478338	0.73083	0.545196	0.490786	0.866702
0.556383	0.517385	0.419991	0.355848	0.525627	0.525174	0.539575	0.577808	0.5751	0.670538
0.620075	0.717419	0.445004	0.652149	0.664425	0.682813	0.833265	0.816346	0.835286	0.955778
0.398934	0.583876	0.646957	0.673452	0.742414	0.940125	0.819992	0.565954	0.582652	0.654644
0.396843	0.592811	0.412688	0.430165	0.674935	0.918422	0.777338	0.686478	0.565578	0.523225
0.377795	0.658466	0.566668	0.661341	0.904295	1.021468	0.947077	0.743365	0.541164	0.488161
0.390629	0.443432	0.578176	0.656064	0.665725	0.897753	1.291325	0.620238	0.433129	0.594045
0.53964	0.440244	0.676509	0.859733	0.779694	0.95013	0.890828	0.471714	0.562451	1.04821
0.451616	0.392892	0.632302	0.793758	0.592794	0.681448	0.503877	0.387925	0.558315	0.698394
0.39407	0.376815	0.523462	0.574973	0.482575	0.674686	0.812586	0.689294	0.682554	0.677336
0.615449	0.624399	0.469064	0.362466	0.344101	0.692491	0.904222	0.88376	0.760357	0.747051
0.6143	0.378878	0.537713	0.731788	0.544906	0.897753	0.772289	0.773155	0.753851	0.948042
0.520735	0.39218	0.5133	0.470138	0.55387	0.812499	0.560639	0.454106	0.705044	0.729703
0.434598	0.45314	0.712531	0.400058	0.448115	0.639887	0.686071	0.645024	0.818106	1.141178
0.564491	0.419315	0.54551	0.550648	0.661837	0.719901	0.782446	0.690708	0.851149	1.702325
0.640305	0.339993	0.432697	0.620822	0.476638	0.816201	0.918043	0.672669	0.690852	1.11789
0.627108	0.439451	0.718349	0.720997	0.811281	1.311777	0.861093	0.642481	0.639551	0.597452
0.458775	0.402249	0.485879	0.548595	0.809464	0.932769	0.749474	0.711011	0.663788	0.866702
0.396843	0.365303	0.67784	0.380855	0.61077	0.616969	0.634394	0.617835	0.768628	0.331894
0.529141	0.483636	0.722763	0.529568	0.722677	0.702389	0.70143	0.692127	0.907115	0.165947
0.650161	0.52504	0.586741	0.466734	0.703798	0.718414	0.672564	0.879363	0.865521	0.082973
0.458775	0.734279	0.846894	0.678946	0.641669	0.904534	0.829431	0.845699	0.921122	0.041487
0.559406	0.792745	0.626338	0.542496	0.861388	0.925537	0.581696	0.599078	0.825657	0.020743
0.437643	0.634217	0.487597	0.357164	0.622396	0.516698	0.594839	0.599078	0.66642	0.010372
0.476787	0.433155	0.543548	0.470138	0.485144	0.482628	0.560639	0.713991	0.861366	0.005186
0.320513	0.599635	0.605524	0.44362	0.545893	0.718414	0.702854	0.716991	1.090107	0.002593
0.40456	0.618373	0.825765	0.762505	0.869637	0.968213	0.664657	0.631217	0.706489	0.001296
0.463613	0.567604	0.557473	0.517014	0.611919	0.782246	0.729311	0.835693	0.603839	6.48E-04

0.545476	0.728072	0.453672	0.49747	0.518149	0.725899	0.913387	0.843679	1.004576	3.24E-04
0.583307	0.720436	0.671223	0.738076	0.829875	1.181978	0.741608	0.49636	1.259182	1.62E-04
0.735234	0.947994	0.774537	0.706032	1.069695	1.16092	0.735416	0.545196	0.753851	8.10E-05
0.82968	0.881734	0.881715	0.861834	1.378718	0.989846	1.035586	1.188073	1.059686	4.05E-05
0.656437	0.600782	0.54551	0.515114	0.628327	0.752356	0.816273	0.829798	1.560006	2.03E-05
0.540607	0.691168	0.614652	0.706032	0.657983	0.767044	0.588218	0.567018	0.283509	1.01E-05
0.527259	0.474948	0.409081	0.587107	0.845345	0.673346	0.646748	0.708052	0.141755	0
0.923998	0.637957	0.568737	0.968734	1.0535	0.715456	0.620019	1.201643	0.070877	0
0.852898	0.667752	0.502479	1.230542	0.776322	0.909114	0.807113	1.107055	0.035439	0
0.864989	0.41405	0.491921	0.804696	0.74397	0.685556	0.746311	0.923054	0.380778	0
0.750662	0.653247	0.653212	0.772675	0.893164	0.665393	0.627147	0.726118	1.484351	0
0.905663	0.80729	0.591088	1.011141	1.050333	0.762093	0.572094	0.792419	0.363059	0
0.837282	0.760034	1.051834	1.170855	0.802274	0.716933	0.625951	1.310761	0.181529	0
0.697511	0.445839	0.883853	0.879016	0.719718	0.52233	0.672564	1.137673	0.090765	0
0.569636	0.542773	0.657009	0.742853	1.256477	0.744406	0.580619	0.67814	0.045382	0
0.466053	0.399349	0.516968	0.894628	1.328014	0.925537	0.65179	0.709529	0.022691	0
0.745976	0.500639	0.739345	1.617019	1.118544	0.818064	0.825631	0.906442	0.011346	0
0.928706	1.014141	1.268164	1.255875	1.034831	0.702389	1.123719	0.977083	0.005673	0
0.797028	0.720436	1.021374	0.829385	1.11122	0.847009	0.799921	1.06149	0.002836	0
0.556383	0.524075	0.745535	0.851431	0.871724	0.792685	0.825631	0.996697	0.001418	0
0.548423	0.454779	0.606654	1.002322	0.882312	0.668028	0.773966	1.271263	7.09E-04	0
0.788377	0.843924	0.917253	2.165907	0.851292	0.519505	0.705715	1.107055	3.55E-04	0
0.768292	0.858239	1.138885	1.582478	0.88662	0.682813	0.712952	0.862205	1.77E-04	0
0.457973	0.408848	0.672538	0.765869	0.800494	0.792685	0.920389	1.282187	8.86E-05	0
0.54941	0.618373	0.712531	0.937559	0.657983	0.886681	0.829431	0.753002	4.43E-05	0
0.514308	0.31847	0.4505	0.993678	0.651636	0.611134	0.676572	1.528612	2.22E-05	0
0.518889	0.460566	0.543548	0.985203	1.016932	0.981606	0.789352	1.250208	1.11E-05	0
0.682488	0.750196	0.81649	0.795562	0.988648	0.884501	1.087676	0.394676	5.54E-06	0
0.568602	0.723474	0.747096	0.872493	0.656706	0.526126	0.98089	0.197338	0	0
0.713073	0.911246	1.033303	1.114604	0.655433	0.47156	0.741608	0.098669	0	0
0.718873	0.561262	0.688643	1.054844	0.816776	0.601958	0.580619	0.339644	0	0
0.650161	0.93292	1.067904	1.277263	0.813105	0.782246	0.812586	1.55891	0	0
0.34265	0.669095	1.25286	1.081946	0.824212	0.479192	0.613006	1.80573	0	0
0.272516	0.52504	0.921907	1.058141	0.925078	0.561871	0.777338	0.306503	0	0
0.529141	0.75673	0.871181	1.240498	0.882312	0.845019	1.127494	0.153251	0	0
0.60747	0.613612	0.998457	1.114604	0.882312	1.092589	1.578429	0.076626	0	0
0.621239	0.637957	0.941037	1.201321	1.613763	0.909114	1.418926	0.038313	0	0
0.700299	0.852046	1.393726	3.082785	1.288038	0.906818	0.453409	0.019156	0	0
0.396148	0.610075	0.753399	1.051572	1.059906	1.242046	0.226705	0	0	0
0.322266	0.607733	0.685917	1.048325	1.022817	1.305997	0.113352	0	0	0
0.540607	0.551919	0.945955	1.245564	0.880173	1.177684	0.466643	0	0	0
0.629478	0.499727	0.753399	0.932574	1.365477	0.819935	2.441452	0	0	0
0.674507	0.720436	0.777883	0.940073	0.922719	0.989846	0.409967	0	0	0
0.329948	0.472375	0.701126	0.67619	0.673607	1.190695	0.204984	0	0	0
0.478462	0.583876	0.589997	0.66267	0.871724	0.772665	0.102492	0	0	0
0.502619	0.56548	0.733241	0.925202	1.165287	1.439361	0.051246	0	0	0
0.42189	0.405903	0.896906	0.922772	1.044066	1.199591	0.025623	0	0	0

0.457973	0.651952	0.730222	0.736495	0.932233	0.74754	0.012811	0	0	0
0.402442	0.604244	0.592182	0.639346	0.606206	0.888873	0.006406	0	0	0
0.588682	0.679991	0.595479	0.66267	0.611919	0.741266	0.003203	0	0	0
0.556383	0.761696	0.81649	0.690145	0.811281	0.807005	0.001601	0	0	0
0.553381	0.883935	0.877471	0.641876	0.536125	0.724392	8.01E-04	0	0	0
0.807641	0.908904	0.54847	0.440417	0.461735	0.768707	4.00E-04	0	0	0
0.715963	0.662421	0.571861	0.550648	0.727152	0.995426	2.00E-04	0	0	0
0.729213	0.669095	0.888161	0.591604	0.56819	0.981606	1.00E-04	0	0	0
0.624751	0.658466	0.919573	0.706032	0.79345	1.544863	5.00E-05	0	0	0
1.032461	1.07818	0.924252	0.681719	0.758231	0.774969	2.50E-05	0	0	0
0.835369	0.945445	0.933764	0.579346	0.791706	1.63281	1.25E-05	0	0	0
0.59085	0.682759	0.78636	0.741255	1.066407	1.232246	6.26E-06	0	0	0
0.500848	0.773508	1.142758	0.98801	0.954434	1.348171	3.13E-06	0	0	0
0.783268	1.110396	1.205421	0.857643	0.663129	1.125412	1.56E-06	0	0	0
0.901198	1.106696	0.829531	0.707505	1.00256	0.331565	7.82E-07	0	0	0
0.561433	0.920746	1.024326	0.874656	1.231823	0.165782	0	0	0	0
0.59632	1.017128	0.583509	0.599589	0.800494	0.082891	0	0	0	0
0.501732	0.911246	0.619289	0.59844	0.651636	0.041446	0	0	0	0
0.613154	0.682759	0.563581	0.619615	0.959525	0.020723	0	0	0	0
0.896778	0.644263	0.623976	0.774393	1.493469	0.010361	0	0	0	0
0.430822	0.653247	0.480766	0.690145	1.005396	0.005181	0	0	0	0
0.758587	0.665079	0.711089	0.545535	0.802274	0.00259	0	0	0	0
0.697511	0.775222	0.696925	0.628137	1.764069	0.001295	0	0	0	0
0.841134	0.620773	0.521596	0.837273	0.670793	6.48E-04	0	0	0	0
0.981482	0.755087	0.526275	0.71345	0.92745	3.24E-04	0	0	0	0
0.953039	0.782146	0.837162	0.908472	0.849301	1.62E-04	0	0	0	0
0.945595	0.96361	1.242948	0.835287	0.417644	8.09E-05	0	0	0	0
0.774884	0.870897	0.829531	0.96338	0.208822	0	0	0	0	0
0.822209	0.925575	0.858868	1.571549	0.104411	0	0	0	0	0
0.645205	0.801778	0.905832	1.410986	0.052205	0	0	0	0	0
0.809436	0.526006	0.68456	0.927645	0.026103	0	0	0	0	0
0.766659	0.474089	0.534825	0.885638	0.013051	0	0	0	0	0
0.645205	0.578384	0.5595	0.853492	0.433272	0	0	0	0	0
0.781578	0.721953	0.789798	1.011141	1.943438	0	0	0	0	0
0.852898	0.469817	0.546494	0.841271	0.402348	0	0	0	0	0
0.739805	0.41107	0.54847	0.804696	0.201174	0	0	0	0	0
0.518889	0.39575	0.517889	0.529568	0.100587	0	0	0	0	0
0.677151	0.557085	0.68456	1.122207	0.050293	0	0	0	0	0
0.74134	0.619572	0.610064	1.06481	0.025147	0	0	0	0	0
0.968322	0.595074	0.539649	0.915563	0.012573	0	0	0	0	0
0.877427	0.546814	0.586741	0.650851	0.006287	0	0	0	0	0
0.907913	0.824259	0.84493	0.774393	0.003143	0	0	0	0	0
0.989574	0.866637	0.85484	1.323483	0.001572	0	0	0	0	0
0.898982	0.780405	0.669911	1.201972	7.86E-04	0	0	0	0	0
0.677151	0.763363	0.764653	1.166586	3.93E-04	0	0	0	0	0
0.408114	0.694007	0.926611	1.061463	1.96E-04	0	0	0	0	0
0.430071	0.599635	0.805616	1.197388	0.53083	0	0	0	0	0

0.461187	0.743759	0.80921	1.14585	1.943438	0	0	0	0	0
0.598527	0.661099	0.820176	1.051572	0.199189	0	0	0	0	0
0.460381	0.552947	0.958497	0.398379	0.099595	0	0	0	0	0
0.348832	0.436292	0.796757	0.558364	0.049797	0	0	0	0	0
0.438408	0.600782	0.718349	1.433953	0.024899	0	0	0	0	0
0.47015	0.580573	0.747096	1.915182	0.012449	0	0	0	0	0
0.443798	0.433937	0.683208	0.638793	0.006225	0	0	0	0	0
0.492968	0.445035	0.594377	1.667812	0.003112	0	0	0	0	0
0.494706	0.682759	0.651954	0.930103	0.001556	0	0	0	0	0
0.558396	0.696866	0.772874	1.530392	7.78E-04	0	0	0	0	0
0.576944	0.45725	0.831426	2.548841	3.89E-04	0	0	0	0	0
0.786667	0.644263	1.098419	0.415713	1.95E-04	0	0	0	0	0
0.685181	0.805445	1.07119	0.207856	0	0	0	0	0	0
0.679811	0.728072	0.958497	0.103928	0	0	0	0	0	0
0.76993	0.83398	0.839091	0.051964	0	0	0	0	0	0
0.627108	0.57404	0.67784	0.025982	0	0	0	0	0	0
0.658973	0.678614	0.894703	0.012991	0	0	0	0	0	0
0.51522	0.718925	1.263003	0.006496	0	0	0	0	0	0
0.527259	0.59849	1.009764	0.003248	0	0	0	0	0	0
0.408828	0.677242	0.54257	0.001624	0	0	0	0	0	0
0.365977	0.599635	0.740884	8.12E-04	0	0	0	0	0	0
0.579055	0.746966	1.323464	4.06E-04	0	0	0	0	0	0
0.628291	0.937887	1.765044	2.03E-04	0	0	0	0	0	0
0.707349	0.90195	1.268164	1.01E-04	0	0	0	0	0	0
0.858901	0.864522	0.413093	5.07E-05	0	0	0	0	0	0
0.569636	0.826185	0.619639	2.54E-05	0	0	0	0	0	0
0.488651	0.937887	1.503585	1.27E-05	0	0	0	0	0	0
0.793547	1.07818	1.142758	6.34E-06	0	0	0	0	0	0
0.816689	1.07818	1.429854	3.17E-06	0	0	0	0	0	0
0.652661	0.928009	2.52406	1.59E-06	0	0	0	0	0	0
0.424847	0.567604	2.206501	7.93E-07	0	0	0	0	0	0
0.560418	0.527945	1.084591	3.96E-07	0	0	0	0	0	0
0.548423	0.607733	1.009764	1.98E-07	0	0	0	0	0	0
0.560418	0.877367	0.303867	9.91E-08	0	0	0	0	0	0
0.512489	0.620773	0.46232	4.96E-08	0	0	0	0	0	0
0.643975	0.832018	1.25286	2.48E-08	0	0	0	0	0	0
0.679811	0.881734	1.323464	1.24E-08	0	0	0	0	0	0
0.66409	0.888369	1.550694	6.19E-09	0	0	0	0	0	0
0.545476	0.526975	1.042469	3.10E-09	0	0	0	0	0	0
0.545476	0.538769	0.751814	1.55E-09	0	0	0	0	0	0
0.60747	0.801778	1.592445	7.74E-10	0	0	0	0	0	0
0.537712	0.847966	1.638641	3.87E-10	0	0	0	0	0	0
0.661524	0.563366	0.80921	1.94E-10	0	0	0	0	0	0
0.752236	0.708491	0.860896	9.68E-11	0	0	0	0	0	0
0.653916	0.873043	1.294935	4.84E-11	0	0	0	0	0	0
0.620075	0.742165	0.637498	2.42E-11	0	0	0	0	0	0
0.56245	0.532832	0.912648	1.21E-11	0	0	0	0	0	0

0.529141	0.645535	0.933764	6.05E-12	0	0	0	0	0	0
0.573797	0.704095	1.00691	3.02E-12	0	0	0	0	0	0
0.438408	0.484515	0.910364	1.51E-12	0	0	0	0	0	0
0.623577	0.526975	0.931367	7.56E-13	0	0	0	0	0	0
0.609735	0.534802	1.001256	3.78E-13	0	0	0	0	0	0
0.540607	0.789183	1.690342	1.89E-13	0	0	0	0	0	0
0.507975	0.515492	1.284028	9.45E-14	0	0	0	0	0	0
0.683832	0.669095	0.879588	4.73E-14	0	0	0	0	0	0
0.666671	0.918351	1.20095	2.36E-14	0	0	0	0	0	0
0.499965	0.748578	0.676411	1.18E-14	0	0	0	0	0	0
0.469328	0.604244	1.25286	5.91E-15	0	0	0	0	0	0
0.530085	0.83398	0.890331	2.95E-15	0	0	0	0	0	0
0.608601	0.792745	1.036337	1.48E-15	0	0	0	0	0	0
0.604095	0.547831	0.852839	7.38E-16	0	0	0	0	0	0
0.538675	0.619572	0.85484	3.69E-16	0	0	0	0	0	0
0.462803	0.59849	1.273388	1.85E-16	0	0	0	0	0	0
0.551391	0.516437	0.66084	9.23E-17	0	0	0	0	0	0
0.577998	0.468121	0.460895	4.62E-17	0	0	0	0	0	0
0.446129	0.463907	0.653212	2.31E-17	0	0	0	0	0	0
0.536751	0.787413	0.903583	1.15E-17	0	0	0	0	0	0
0.564491	0.783895	0.772874	5.77E-18	0	0	0	0	0	0
0.529141	0.603087	1.175051	2.88E-18	0	0	0	0	0	0
0.690618	0.526006	1.228493	1.44E-18	0	0	0	0	0	0
0.585449	0.704095	2.52406	7.21E-19	0	0	0	0	0	0
0.714516	0.947994	0.666688	3.61E-19	0	0	0	0	0	0
0.56245	0.62928	1.816931	1.80E-19	0	0	0	0	0	0
0.537712	0.537774	1.088007	9.01E-20	0	0	0	0	0	0
0.790093	0.763363	0.650569	4.51E-20	0	0	0	0	0	0
0.766659	0.773508	1.228493	2.25E-20	0	0	0	0	0	0
0.513397	0.636707	0.788076	1.13E-20	0	0	0	0	0	0
0.526321	0.678614	0.842975	5.63E-21	0	0	0	0	0	0
0.717416	0.809143	0.339307	2.82E-21	0	0	0	0	0	0
0.750662	0.923153	0.169654	0	0	0	0	0	0	0
0.569636	0.677242	0.084827	0	0	0	0	0	0	0
0.669267	0.766719	0.381034	0	0	0	0	0	0	0
0.640305	0.720436	1.626623	0	0	0	0	0	0	0
0.51522	0.623187	0.311594	0	0	0	0	0	0	0
0.384502	0.745359	0.155797	0	0	0	0	0	0	0
0.667967	0.536781	0.077898	0	0	0	0	0	0	0
0.675827	0.670442	0.038949	0	0	0	0	0	0	0
0.633057	0.953137	0.019475	0	0	0	0	0	0	0
0.544498	0.937887	0.009737	0	0	0	0	0	0	0
0.620075	0.945445	0.004869	0	0	0	0	0	0	0
1.009062	0.930458	0.002434	0	0	0	0	0	0	0
0.841134	1.577381	0.001217	0	0	0	0	0	0	0
0.681148	1.661204	6.09E-04	0	0	0	0	0	0	0
0.76993	2.28161	3.04E-04	0	0	0	0	0	0	0

[illegible]

[illegible]

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

[illegible]

0.844727	0.657259	0.921933	0.321593	0	0	0	0	0	0
0.508274	0.59481	0.643185	0.895819	0	0	0	0	0	0
0.812474	0.735014	0.635443	0.587114	0	0	0	0	0	0
0.468412	0.85025	0.866286	0.49786	0	0	0	0	0	0
0.413278	0.54228	0.556167	0.73975	0.24893	0	0	0	0	0
0.283719	0.500074	0.651068	1.263579	1.964858	0	0	0	0	0
0.275145	0.662666	0.75717	0.557403	1.771428	0	0	0	0	0
0.372252	0.49914	0.770928	0.866679	0.278701	0	0	0	0	0
0.265179	0.770135	0.700144	1.167016	0.139351	0	0	0	0	0
0.504659	0.58107	0.592838	1.003099	0.069675	0	0	0	0	0
0.389855	0.523123	0.750451	0.53074	0.034838	0	0	0	0	0
0.385045	0.63373	0.468642	1.050072	0.017419	0	0	0	0	0
0.406046	0.615052	0.498383	1.07737	0.008709	0	0	0	0	0
0.448982	0.465911	0.595163	1.309145	0.004355	0	0	0	0	0
0.422864	0.410012	1.047235	0.297581	0.002177	0	0	0	0	0
0.492238	0.482657	0.78154	0.148791	0	0	0	0	0	0
0.602128	0.36802	0.505911	0.074395	0	0	0	0	0	0
0.428869	0.267991	0.370785	0.22259	0	0	0	0	0	0
0.325733	0.341258	0.670038	1.701239	0	0	0	0	0	0
0.407483	0.83786	0.897875	1.541857	0	0	0	0	0	0
0.375582	0.896632	0.765717	0.839372	0	0	0	0	0	0
0.513754	0.777159	0.847128	0.907569	0	0	0	0	0	0
0.592105	0.529082	0.770928	0.875439	0	0	0	0	0	0
0.588816	0.825813	1.031036	0.744633	0	0	0	0	0	0
0.462655	0.462467	0.619126	0.827325	0	0	0	0	0	0
0.670293	0.518219	0.385639	0.69811	0	0	0	0	0	0
0.446613	0.302784	0.334771	0.519731	0	0	0	0	0	0
0.431904	0.534111	0.602214	0.733324	0.259865	0	0	0	0	0
0.951335	0.603031	0.52931	0.637794	1.300596	0	0	0	0	0
0.676933	0.605409	0.550872	0.707025	1.11683	0	0	0	0	0
0.685038	0.645335	0.826788	1.106499	0.346675	0	0	0	0	0
0.478464	0.723911	0.758866	0.693351	0.173338	0	0	0	0	0
0.652222	0.841951	0.627836	1.02439	0.432078	0	0	0	0	0
0.597645	0.555891	0.777974	0.690819	2.264806	0	0	0	0	0
0.613541	0.556956	0.723002	0.884379	0.345409	0	0	0	0	0
0.663752	0.632459	0.66045	1.110281	0.172705	0	0	0	0	0
0.659875	0.629929	0.36252	0.719203	0.086352	0	0	0	0	0
0.634874	0.599489	0.706123	0.939695	0.043176	0	0	0	0	0
0.546185	0.534111	0.665903	1.620383	0.021588	0	0	0	0	0
0.908234	0.73022	1.14286	0.332952	0.010794	0	0	0	0	0
0.964108	0.58333	0.895541	0.166476	0	0	0	0	0	0
0.676933	0.683561	0.866286	0.083238	0	0	0	0	0	0
0.545196	0.800805	0.914575	0.041619	0	0	0	0	0	0
0.514674	1.029158	1.07098	0.020809	0	0	0	0	0	0
0.666357	0.940756	0.769184	0.010405	0	0	0	0	0	0
0.451364	0.846081	1.190652	0.005202	0	0	0	0	0	0
0.522106	0.63373	1.271158	0.002601	0	0	0	0	0	0

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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0