

	hour	PULocationID	total_trip_count	average_trip_count	average_total_fare	trip_count_ratio
1	0	168	1757	1.115555	14.9549522918368	0.000634
2	0	247	1304	1.158081	17.7140675015073	0.000888
3	0	69	732	1.042735	14.435569766495	0.001424
4	0	159	622	1.029801	12.4736258462565	0.001655
5	0	119	360	1.046511	14.8109301649207	0.002906
6	0	235	326	1.038216	19.4885350748612	0.003184
7	0	169	298	1.013605	12.2406122708807	0.003401
8	0	167	254	1.020080	13.8102410600846	0.004016
9	0	220	253	1.032653	13.3957142258177	0.004081
10	0	136	232	1.017543	13.8948245445887	0.004385
11	0	242	214	1.043902	16.5520487462602	0.004878
12	0	18	212	1.060000	11.9925000679493	0.005000
13	0	241	209	1.014563	14.6970873182838	0.004854
14	0	254	197	1.015463	16.1108762151802	0.005154
15	0	126	196	1.053763	14.2025806006565	0.005376
16	0	174	191	1.005263	14.3345788820794	0.005263
17	0	213	181	1.011173	15.5403909789783	0.005586
18	0	47	180	1.011235	12.7880337000563	0.005617
19	0	147	173	1.011695	13.8494737273768	0.005847
20	0	78	157	1.046666	12.5247333161036	0.006666
21	0	212	153	1.033783	11.6618243733773	0.006756
22	0	250	152	1.041095	13.1609588604267	0.006849
23	0	182	148	1.042253	12.8687323684424	0.007042
24	0	60	140	1.014492	11.8250725407531	0.007246
25	0	248	139	1.007246	12.6152174144551	0.007246
26	0	185	139	1.007246	17.396159413932	0.007246
27	0	208	131	1.039682	20.728888568424	0.007936
28	0	94	122	1.033898	13.1423729314642	0.008474
29	0	32	117	1.035398	16.8053980759815	0.008849
30	0	51	117	1.073394	21.3033943416875	0.009174
31	0	20	106	1.000000	11.1406605086237	0.009433
32	0	259	92	1.108433	14.7473494123264	0.012048
33	0	81	89	1.126582	17.5541771046723	0.012658
34	0	200	76	1.085714	19.2265714083399	0.014285
35	0	3	45	1.022727	18.4890908057039	0.022727
36	0	183	43	1.000000	23.1632553810297	0.023255
37	0	240	29	1.000000	25.7134485738031	0.034482
38	0	31	24	1.000000	15.4874998157223	0.041666
39	0	59	20	1.000000	20.5679998397827	0.050000
40	0	46	19	1.000000	23.5368415932906	0.052631
41	0	58	11	1.100000	36.2300001621246	0.100000
42	0	184	9	1.000000	13.0677776137988	0.111111
43	0	199	1	1.000000	31.8400001525879	1.000000
44	1	168	1895	1.127976	15.3959701467128	0.000595
45	1	247	1117	1.128282	15.1676161818432	0.001010
46	1	159	699	1.046407	13.0747006216984	0.001497
47	1	69	677	1.038343	12.9392944705998	0.001533

48	1	169	339	1.049535	12.7945510781955	0.003095
49	1	235	338	1.052959	12.9974766297504	0.003115
50	1	119	322	1.055737	13.7784917231466	0.003278
51	1	167	298	1.041958	12.9716783311817	0.003496
52	1	136	241	1.038793	12.940043110272	0.004310
53	1	220	230	1.055045	12.902110156663	0.004587
54	1	126	216	1.074626	12.9974129449076	0.004975
55	1	212	215	1.014150	13.5787735255259	0.004716
56	1	47	207	1.024752	12.2835644365537	0.004950
57	1	18	206	1.024875	11.7483085530314	0.004975
58	1	78	187	1.038888	15.9860555489858	0.005555
59	1	250	187	1.038888	12.0220555365086	0.005555
60	1	147	180	1.016949	13.2401129822273	0.005649
61	1	241	172	1.029940	14.5477245182334	0.005988
62	1	213	161	1.025477	15.2905094874133	0.006369
63	1	60	161	1.025477	14.3337580098468	0.006369
64	1	254	152	1.034013	17.7751018465782	0.006802
65	1	174	152	1.020134	14.0966442159358	0.006711
66	1	248	142	1.000000	13.8983098327274	0.007042
67	1	185	139	1.022058	13.1963234876885	0.007352
68	1	182	136	1.014925	13.7431342517262	0.007462
69	1	20	135	1.038461	11.8986924116428	0.007692
70	1	242	126	1.000000	11.5942063974956	0.007936
71	1	259	115	1.116504	16.6601940312432	0.009708
72	1	94	115	1.000000	10.5521740042645	0.008695
73	1	208	110	1.057692	18.6948073701217	0.009615
74	1	81	84	1.105263	19.1706576386565	0.013157
75	1	32	80	1.025641	12.0730768938859	0.012820
76	1	51	75	1.086956	23.2410144123478	0.014492
77	1	200	62	1.087719	18.5054386164013	0.017543
78	1	31	41	1.108108	12.4124325610496	0.027027
79	1	3	35	1.000000	15.229142679487	0.028571
80	1	183	31	1.068965	20.5206895285639	0.034482
81	1	240	26	1.083333	11.8250000973543	0.041666
82	1	184	14	1.076923	12.7461537397825	0.076923
83	1	46	10	1.111111	40.6333325703939	0.111111
84	1	58	6	1.000000	11.4666665395101	0.166666
85	1	59	3	1.000000	12.2999998728434	0.333333
86	1	199	2	1.000000	12.0499997138977	0.500000
87	2	168	1730	1.104725	14.6829628713743	0.000638
88	2	247	930	1.125907	14.40918886243	0.001210
89	2	159	632	1.032679	11.3490196370027	0.001633
90	2	69	529	1.039292	12.4462475367988	0.001964
91	2	169	344	1.036144	11.6555723424058	0.003012
92	2	119	327	1.058252	15.0713915614634	0.003236
93	2	235	292	1.028169	14.3741900696301	0.003521
94	2	167	276	1.045454	13.0770833103946	0.003787
95	2	147	219	1.013888	14.0773147664688	0.004629

96	2	212	208	1.014634	12.164146384088	0.004878
97	2	136	200	1.015228	13.4411674492855	0.005076
98	2	18	194	1.021052	12.1092631481196	0.005263
99	2	126	191	1.049450	11.9251648646135	0.005494
100	2	47	183	1.045714	14.369257212707	0.005714
101	2	220	179	1.028735	12.6690804948067	0.005747
102	2	78	176	1.041420	13.0765088845992	0.005917
103	2	241	168	1.018181	12.4551515600898	0.006060
104	2	250	163	1.018750	12.6319374788553	0.006250
105	2	213	147	1.057553	15.6292805693132	0.007194
106	2	248	138	1.022222	12.5289629459381	0.007407
107	2	60	127	1.007936	11.4841270617076	0.007936
108	2	182	127	1.049586	13.9633058693783	0.008264
109	2	20	125	1.024590	11.6745902202168	0.008196
110	2	174	120	1.043478	14.1080001126165	0.008695
111	2	94	120	1.025641	10.4941026028405	0.008547
112	2	254	110	1.037735	15.9261319119975	0.009433
113	2	208	110	1.047619	15.4690475174359	0.009523
114	2	242	105	1.000000	12.3761904705138	0.009523
115	2	185	104	1.009708	12.2467961612257	0.009708
116	2	51	95	1.055555	20.5097776307	0.011111
117	2	259	80	1.176470	17.7327939491062	0.014705
118	2	32	71	1.028985	15.1727535111317	0.014492
119	2	200	52	1.019607	13.7372549234652	0.019607
120	2	81	51	1.186046	34.3120921822481	0.023255
121	2	183	45	1.000000	14.6111109839545	0.022222
122	2	3	44	1.000000	19.4011363712224	0.022727
123	2	31	36	1.000000	20.9327778816223	0.027777
124	2	240	20	1.111111	18.2222221460607	0.055555
125	2	58	11	1.000000	14.0054544969039	0.090909
126	2	46	8	1.000000	19.5499995946884	0.125000
127	2	184	6	1.000000	20.8833338121573	0.166666
128	2	59	4	1.000000	10.5500001907349	0.250000
129	3	168	1613	1.124041	15.2379845962282	0.000696
130	3	247	736	1.105105	16.2320270229567	0.001501
131	3	159	613	1.030252	11.576403377537	0.001680
132	3	69	524	1.054325	12.1077465185937	0.002012
133	3	119	303	1.041237	14.3521649100117	0.003436
134	3	169	292	1.020979	12.4171328780118	0.003496
135	3	167	254	1.032520	12.0273984699714	0.004065
136	3	235	228	1.027027	14.9289189448228	0.004504
137	3	212	201	1.015151	13.1965656605634	0.005050
138	3	147	190	1.021505	12.7682795095187	0.005376
139	3	126	176	1.035294	13.3857058609233	0.005882
140	3	220	172	1.068322	15.6077017724884	0.006211
141	3	18	167	1.012121	11.9396969957785	0.006060
142	3	47	161	1.012578	12.05547173668	0.006289
143	3	136	152	1.027027	12.0115540740458	0.006756

144	3	248	147	1.006849	11.9544520680219	0.006849
145	3	78	145	1.043165	13.6538849511593	0.007194
146	3	60	144	1.006993	12.1670628765246	0.006993
147	3	250	139	1.022058	11.7362500236315	0.007352
148	3	213	138	1.037593	16.9338345747245	0.007518
149	3	174	126	1.008000	14.5442399711609	0.008000
150	3	241	112	1.046728	12.7598130975928	0.009345
151	3	242	107	1.103092	15.198041323534	0.010309
152	3	182	104	1.040000	15.0619999885559	0.010000
153	3	208	102	1.030303	16.8667674955696	0.010101
154	3	94	90	1.011235	12.4988764062356	0.011235
155	3	185	80	1.052631	15.7552630901337	0.013157
156	3	254	77	1.054794	15.0342465100223	0.013698
157	3	20	70	1.000000	10.3214286029339	0.014285
158	3	51	59	1.000000	19.7832202547688	0.016949
159	3	259	56	1.056603	16.7301886036711	0.018867
160	3	81	52	1.083333	19.5266666077077	0.020833
161	3	32	52	1.000000	11.824230831403	0.019230
162	3	3	47	1.021739	14.773913005124	0.021739
163	3	200	35	1.029411	17.7773528449676	0.029411
164	3	240	29	1.115384	19.0076923186962	0.038461
165	3	183	26	1.000000	14.0692306573574	0.038461
166	3	31	25	1.041666	14.1854165618618	0.041666
167	3	58	11	1.000000	11.4281818704172	0.090909
168	3	184	9	1.285714	43.2857141494751	0.142857
169	3	46	7	1.000000	17.0142853600638	0.142857
170	3	59	3	1.000000	16.9500001271566	0.333333
171	3	199	1	1.000000	4.80000019073486	1.000000
172	4	168	1661	1.151074	14.9977199241509	0.000693
173	4	247	760	1.095100	14.9676512889457	0.001440
174	4	159	536	1.042801	12.4451750874056	0.001945
175	4	69	508	1.026262	11.2815555987936	0.002020
176	4	169	338	1.062893	14.4554087703333	0.003144
177	4	167	306	1.023411	11.3006354727873	0.003344
178	4	119	297	1.034843	15.5790591088322	0.003484
179	4	235	250	1.033057	13.503264455017	0.004132
180	4	18	197	1.026041	13.1931249763196	0.005208
181	4	212	192	1.015873	12.5098412566715	0.005291
182	4	136	183	1.028089	13.7356179634507	0.005617
183	4	250	179	1.028735	14.2198850221332	0.005747
184	4	78	178	1.053254	13.195917225801	0.005917
185	4	174	177	1.023121	14.5735260561712	0.005780
186	4	147	160	1.006289	12.3751572111868	0.006289
187	4	47	156	1.026315	15.6976974939829	0.006578
188	4	248	149	1.006756	13.2660810528575	0.006756
189	4	126	148	1.027777	14.0276388679114	0.006944
190	4	213	147	1.072992	18.6163503323158	0.007299
191	4	241	137	1.022388	12.589179087041	0.007462

192	4	220	130	1.048387	14.638225718852	0.008064
193	4	242	122	1.033898	11.371355953358	0.008474
194	4	94	120	1.043478	12.8766087075938	0.008695
195	4	60	118	1.008547	13.7354701013647	0.008547
196	4	208	114	1.045871	17.0903668009907	0.009174
197	4	254	110	1.037735	13.3870754354405	0.009433
198	4	182	108	1.018867	15.9047168448286	0.009433
199	4	20	87	1.023529	11.5632941835067	0.011764
200	4	51	86	1.023809	21.9317858084327	0.011904
201	4	185	76	1.027027	13.6362161926321	0.013513
202	4	259	75	1.136363	16.2590909004211	0.015151
203	4	32	63	1.032786	13.9942622741715	0.016393
204	4	81	49	1.042553	14.3602127470869	0.021276
205	4	3	49	1.000000	16.0683671613129	0.020408
206	4	200	32	1.032258	15.2241933884159	0.032258
207	4	240	27	1.080000	13.764000043869	0.040000
208	4	183	24	1.000000	16.8625001509984	0.041666
209	4	31	23	1.000000	12.3434783168461	0.043478
210	4	58	14	1.076923	20.4076921022855	0.076923
211	4	59	9	1.000000	12.6888885498047	0.111111
212	4	46	7	1.000000	21.6328570502145	0.142857
213	4	184	4	1.000000	16.6749994754791	0.250000
214	5	168	1531	1.216044	15.5335344586039	0.000794
215	5	247	801	1.118715	16.972807209918	0.001396
216	5	159	571	1.047706	12.5661651278855	0.001834
217	5	69	521	1.046184	12.8211847658617	0.002008
218	5	167	329	1.051118	12.948530424898	0.003194
219	5	235	320	1.049180	14.7941638901585	0.003278
220	5	169	264	1.043478	13.0675889392615	0.003952
221	5	119	257	1.032128	14.3646184002539	0.004016
222	5	136	215	1.018957	14.4777250707997	0.004739
223	5	174	199	1.010152	12.0700000578982	0.005076
224	5	18	189	1.073863	15.9806250171228	0.005681
225	5	213	187	1.056497	16.4793219906462	0.005649
226	5	47	187	1.016304	10.7701630877412	0.005434
227	5	78	178	1.022988	14.6747125620129	0.005747
228	5	250	177	1.023121	12.0560693382528	0.005780
229	5	212	175	1.017441	13.4228488193002	0.005813
230	5	254	175	1.067073	18.7018292081065	0.006097
231	5	248	164	1.031446	12.4300629582795	0.006289
232	5	182	156	1.040000	13.2753999392192	0.006666
233	5	126	154	1.013157	14.4009210098731	0.006578
234	5	242	145	1.028368	12.0331206013125	0.007092
235	5	147	131	1.007692	13.7876152868454	0.007692
236	5	241	129	1.015748	13.1467716003966	0.007874
237	5	94	122	1.051724	14.4702585853379	0.008620
238	5	220	121	1.025423	15.6542371511459	0.008474
239	5	259	113	1.118811	17.0367326311546	0.009900

240	5	51	109	1.101010	27.3969696796302	0.010101
241	5	60	85	1.000000	13.8047060349408	0.011764
242	5	20	85	1.011904	12.301547677744	0.011904
243	5	185	82	1.012345	13.102345696202	0.012345
244	5	208	78	1.026315	18.967368289044	0.013157
245	5	3	75	1.056338	18.1239434732518	0.014084
246	5	81	72	1.200000	23.4469998896122	0.016666
247	5	32	67	1.030769	14.7341539052817	0.015384
248	5	200	36	1.058823	15.1300001074286	0.029411
249	5	31	24	1.043478	10.6826086769933	0.043478
250	5	240	22	1.047619	16.736666838328	0.047619
251	5	183	20	1.000000	16.7249997615814	0.050000
252	5	184	9	1.000000	21.855555428399	0.111111
253	5	46	6	1.000000	28.7866662343343	0.166666
254	5	58	3	1.000000	8.46666685740153	0.333333
255	5	59	1	1.000000	19.2999992370605	1.000000
256	6	168	1211	1.293803	17.1072008244248	0.001068
257	6	247	923	1.138101	15.7388531720741	0.001233
258	6	69	515	1.036217	14.1992957951797	0.002012
259	6	159	504	1.034907	11.1533265128518	0.002053
260	6	167	386	1.043243	10.9127838845189	0.002702
261	6	235	293	1.081180	15.9928413862672	0.003690
262	6	213	267	1.026923	17.4075383427051	0.003846
263	6	119	262	1.019455	10.9336186216035	0.003891
264	6	169	257	1.019841	13.6115873399235	0.003968
265	6	254	252	1.072340	18.2346806840694	0.004255
266	6	250	212	1.054726	11.209452820358	0.004975
267	6	182	206	1.035175	14.4954271625035	0.005025
268	6	242	202	1.097826	12.4691848008205	0.005434
269	6	174	200	1.058201	13.9207936619955	0.005291
270	6	18	179	1.028735	16.0133332908154	0.005747
271	6	212	175	1.107594	14.8239240578458	0.006329
272	6	259	162	1.072847	17.9821191244567	0.006622
273	6	47	150	1.006711	10.921073948777	0.006711
274	6	241	147	1.006849	12.2437671063698	0.006849
275	6	78	141	1.021739	13.673333377078	0.007246
276	6	136	137	1.022388	14.959253748851	0.007462
277	6	51	134	1.116666	24.4973331888517	0.008333
278	6	248	129	1.023809	15.2730157753778	0.007936
279	6	81	112	1.108910	21.3163366294143	0.009900
280	6	126	109	1.018691	13.4014952628412	0.009345
281	6	147	102	1.020000	15.1865999555588	0.010000
282	6	185	94	1.021739	13.0950000441593	0.010869
283	6	94	89	1.047058	13.7920000749476	0.011764
284	6	32	83	1.077922	20.7254545448662	0.012987
285	6	60	78	1.012987	14.6994805274072	0.012987
286	6	220	71	1.014285	15.0661427778857	0.014285
287	6	20	51	1.062500	10.8325000802676	0.020833

288	6	208	51	1.020000	18.4913998556137	0.020000
289	6	3	39	1.147058	15.9776470030055	0.029411
290	6	200	37	1.027777	16.6788888176282	0.027777
291	6	240	28	1.037037	16.7803704142571	0.037037
292	6	31	25	1.086956	19.5669566237408	0.043478
293	6	183	22	1.100000	12.7234998762608	0.050000
294	6	58	13	1.000000	17.7107689930842	0.076923
295	6	59	8	1.000000	14.674999833107	0.125000
296	6	46	4	1.000000	14.6550001502037	0.250000
297	6	184	3	1.000000	8.80000019073486	0.333333
298	7	247	1325	1.252362	14.6800000262508	0.000945
299	7	168	1267	1.244597	15.2063162300465	0.000982
300	7	159	695	1.061068	12.0863053803226	0.001526
301	7	69	666	1.063897	14.118019203218	0.001597
302	7	167	506	1.047619	10.9197723416315	0.002070
303	7	119	422	1.065656	11.3666918923457	0.002525
304	7	213	369	1.063400	18.7280401791894	0.002881
305	7	235	325	1.097972	17.0623310838599	0.003378
306	7	242	319	1.100000	11.9630000504954	0.003448
307	7	182	317	1.039344	15.9404262018985	0.003278
308	7	169	307	1.062283	14.6900691722091	0.003460
309	7	51	298	1.159533	26.6732293872982	0.003891
310	7	47	266	1.076923	15.4365182029091	0.004048
311	7	250	259	1.048582	12.8115384240865	0.004048
312	7	81	251	1.172897	26.0751867327735	0.004672
313	7	212	244	1.070175	14.3321929940006	0.004385
314	7	78	203	1.074074	13.2030688558937	0.005291
315	7	18	191	1.055248	14.0881215077079	0.005524
316	7	241	187	1.044692	15.4083798184741	0.005586
317	7	259	184	1.115151	22.0404845627871	0.006060
318	7	174	180	1.058823	15.0214705298929	0.005882
319	7	254	176	1.060240	16.8717468133174	0.006024
320	7	248	150	1.056338	16.8430986236519	0.007042
321	7	185	145	1.074074	14.9960739506616	0.007407
322	7	32	136	1.070866	20.6507871864349	0.007874
323	7	136	128	1.032258	13.7849192907733	0.008064
324	7	220	128	1.049180	16.8941802450868	0.008196
325	7	147	127	1.024193	14.8308065250035	0.008064
326	7	94	118	1.063063	14.7263063031274	0.009009
327	7	126	116	1.045045	14.1750449661736	0.009009
328	7	208	106	1.060000	23.5523997652531	0.010000
329	7	60	85	1.049382	12.6108642036532	0.012345
330	7	3	74	1.104477	20.5713431906344	0.014925
331	7	200	67	1.135593	24.6954237404516	0.016949
332	7	20	64	1.084745	14.1084745374777	0.016949
333	7	240	64	1.163636	26.0412724321539	0.018181
334	7	183	36	1.058823	15.8626470145057	0.029411
335	7	31	36	1.058823	15.9017646943822	0.029411

336	7	58	28	1.000000	10.9525001559939	0.035714
337	7	59	12	1.000000	9.8591666072607	0.083333
338	7	184	5	1.000000	22.9519998073578	0.200000
339	7	46	2	1.000000	21.2999997138977	0.500000
340	7	199	1	1.000000	5.80000019073486	1.000000
341	8	247	1860	1.399548	14.9172912610932	0.000752
342	8	168	1375	1.300851	15.748041620938	0.000946
343	8	159	786	1.079670	12.8183104638215	0.001373
344	8	69	752	1.072753	14.0915548781015	0.001426
345	8	167	570	1.085714	12.2486857746896	0.001904
346	8	213	514	1.134657	21.1151433076553	0.002207
347	8	182	474	1.079726	16.3239406773604	0.002277
348	8	235	446	1.103960	16.7800741810905	0.002475
349	8	119	431	1.161725	15.2690026691018	0.002695
350	8	51	429	1.140957	27.3909837743069	0.002659
351	8	242	373	1.097058	14.2414705447414	0.002941
352	8	169	365	1.079881	15.7478993729021	0.002958
353	8	212	344	1.075000	16.4191249251366	0.003125
354	8	47	342	1.049079	14.7555827699556	0.003067
355	8	250	336	1.105263	14.2873354532609	0.003289
356	8	254	262	1.052208	18.9092367873134	0.004016
357	8	241	253	1.072033	14.0160168995292	0.004237
358	8	248	244	1.099099	19.1145493984222	0.004504
359	8	81	243	1.047413	20.2510342826617	0.004310
360	8	174	235	1.039823	15.1949999659462	0.004424
361	8	18	228	1.065420	13.9738785106445	0.004672
362	8	220	225	1.071428	18.742761867387	0.004761
363	8	78	222	1.042253	14.6446947886351	0.004694
364	8	32	212	1.115789	22.1429472220571	0.005263
365	8	136	194	1.043010	14.2701075038602	0.005376
366	8	259	192	1.142857	24.7767259095396	0.005952
367	8	3	181	1.131250	23.7178748816252	0.006250
368	8	185	180	1.065088	17.044496942554	0.005917
369	8	147	159	1.052980	15.6856954496428	0.006622
370	8	208	151	1.143939	26.3205301368778	0.007575
371	8	126	138	1.104000	15.0459199714661	0.008000
372	8	60	132	1.064516	13.3060483894041	0.008064
373	8	94	130	1.023622	12.7070867001541	0.007874
374	8	200	114	1.045871	18.0184402487694	0.009174
375	8	20	110	1.028037	14.1370093688787	0.009345
376	8	183	65	1.120689	23.9318964563567	0.017241
377	8	240	43	1.194444	26.9941665066613	0.027777
378	8	31	41	1.025000	16.5414999127388	0.025000
379	8	58	22	1.000000	14.9040908813477	0.045454
380	8	59	14	1.076923	18.2076919812423	0.076923
381	8	184	7	1.000000	6.37142867701394	0.142857
382	8	46	5	1.250000	27.7950005531311	0.250000
383	9	247	2015	1.558391	17.2211833877888	0.000773

384	9	168	1345	1.279733	16.6393053832789	0.000951
385	9	69	741	1.099406	14.9362759721032	0.001483
386	9	159	599	1.063943	12.9792184944051	0.001776
387	9	213	581	1.128155	20.5174949465446	0.001941
388	9	51	529	1.104384	23.6865342126261	0.002087
389	9	167	512	1.068893	12.8486639572335	0.002087
390	9	235	451	1.127500	18.9609749567509	0.002500
391	9	119	443	1.207084	14.9479564606981	0.002724
392	9	254	408	1.065274	18.6592687408856	0.002610
393	9	182	400	1.086956	16.0127988146699	0.002717
394	9	242	368	1.091988	15.592373837084	0.002967
395	9	250	293	1.118320	15.1341220722854	0.003816
396	9	212	293	1.065454	16.6417817124453	0.003636
397	9	259	290	1.070110	22.114612240633	0.003690
398	9	47	285	1.036363	18.4096726271239	0.003636
399	9	32	275	1.053639	19.805670289701	0.003831
400	9	169	272	1.070866	15.5680708012243	0.003937
401	9	78	260	1.048387	14.9718951473553	0.004032
402	9	220	256	1.089361	19.1481701708855	0.004255
403	9	81	252	1.045643	21.3581740410991	0.004149
404	9	18	243	1.047413	14.0828017101719	0.004310
405	9	174	237	1.048672	15.2998228853783	0.004424
406	9	208	205	1.126373	25.0260987009976	0.005494
407	9	248	193	1.078212	19.5814524069845	0.005586
408	9	241	185	1.063218	14.905114932992	0.005747
409	9	136	171	1.023952	15.2084429792301	0.005988
410	9	185	169	1.030487	14.6243291413639	0.006097
411	9	60	155	1.115107	14.2195683816354	0.007194
412	9	126	154	1.100000	15.5707141774041	0.007142
413	9	147	150	1.027397	13.3732191487534	0.006849
414	9	3	144	1.051094	19.9053282755135	0.007299
415	9	94	142	1.051851	14.7663703635887	0.007407
416	9	200	140	1.052631	14.6480450881155	0.007518
417	9	20	97	1.043010	13.1236559191058	0.010752
418	9	183	56	1.098039	24.0907841207934	0.019607
419	9	240	36	1.161290	16.6283870127893	0.032258
420	9	31	27	1.285714	17.2961903072539	0.047619
421	9	184	13	1.000000	18.5961536994347	0.076923
422	9	58	10	1.111111	22.57111111492581	0.111111
423	9	59	8	1.142857	19.1399999346052	0.142857
424	9	46	6	1.200000	25.6579996109009	0.200000
425	10	247	1982	1.668350	19.4893771835449	0.000841
426	10	168	1225	1.327193	17.3604766443646	0.001083
427	10	69	641	1.079124	16.4908416700684	0.001683
428	10	51	558	1.102766	23.7018772552136	0.001976
429	10	213	529	1.130341	20.3202348743748	0.002136
430	10	159	517	1.050813	13.9330081249156	0.002032
431	10	119	424	1.337539	18.1052681993611	0.003154

432	10	254	418	1.085714	19.0115582887228	0.002597
433	10	242	353	1.079510	18.0544034982675	0.003058
434	10	167	344	1.075000	14.7765312626958	0.003125
435	10	235	332	1.106666	17.8817665974299	0.003333
436	10	182	289	1.078358	14.9618283963915	0.003731
437	10	259	280	1.142857	24.2034283024924	0.004081
438	10	212	269	1.080321	17.0844578254654	0.004016
439	10	174	268	1.022900	15.8358395245239	0.003816
440	10	169	267	1.063745	15.1171712789877	0.003984
441	10	220	243	1.042918	16.8466523102936	0.004291
442	10	81	238	1.062500	22.8706693436418	0.004464
443	10	32	236	1.017241	15.6488791858328	0.004310
444	10	18	226	1.031963	14.2287214477313	0.004566
445	10	47	220	1.073170	14.5085366225824	0.004878
446	10	78	212	1.039215	14.1510293591841	0.004901
447	10	250	209	1.077319	15.7156184813411	0.005154
448	10	136	191	1.104046	18.1390172146648	0.005780
449	10	208	190	1.085714	21.0526283621788	0.005714
450	10	241	184	1.051428	16.2837713990893	0.005714
451	10	185	184	1.045454	16.6680681275373	0.005681
452	10	200	161	1.045454	16.1475324599774	0.006493
453	10	126	159	1.186567	18.7884328423151	0.007462
454	10	3	150	1.020408	14.8473468572915	0.006802
455	10	248	130	1.056910	13.9134958934009	0.008130
456	10	60	129	1.015748	14.6645668923386	0.007874
457	10	20	117	1.044642	15.5919642256839	0.008928
458	10	147	112	1.037037	15.8464814468666	0.009259
459	10	94	103	1.072916	14.3787500311931	0.010416
460	10	183	65	1.065573	19.3985244563369	0.016393
461	10	31	28	1.037037	16.1811108765779	0.037037
462	10	240	24	1.090909	14.0409090654417	0.045454
463	10	58	19	1.000000	17.9547364460795	0.052631
464	10	46	15	1.153846	21.0161534822904	0.076923
465	10	184	14	1.076923	19.7561538769649	0.076923
466	10	59	8	1.000000	17.4924999475479	0.125000
467	10	199	1	1.000000	44.8400001525879	1.000000
468	11	247	1939	1.687554	21.615013092471	0.000870
469	11	168	1084	1.334975	19.473682223576	0.001231
470	11	69	568	1.049907	15.646414018713	0.001848
471	11	159	527	1.033333	13.2907647114174	0.001960
472	11	51	456	1.096153	22.548389272621	0.002403
473	11	242	444	1.093596	19.487832348335	0.002463
474	11	119	443	1.350609	17.0961280910344	0.003048
475	11	213	424	1.089974	19.399717081635	0.002570
476	11	254	364	1.089820	20.7115567230179	0.002994
477	11	167	289	1.078358	13.8643656568741	0.003731
478	11	235	273	1.079051	16.5875888869696	0.003952
479	11	220	273	1.045977	15.9716091112616	0.003831

480	11	174	257	1.040485	18.3945748333024	0.004048
481	11	81	241	1.095454	21.0225907542489	0.004545
482	11	169	230	1.059907	14.4888018825636	0.004608
483	11	32	213	1.054455	16.3362375840102	0.004950
484	11	47	195	1.101694	15.2695481049812	0.005649
485	11	259	192	1.192546	25.9430432082703	0.006211
486	11	78	191	1.091428	14.415314207077	0.005714
487	11	212	190	1.049723	14.6196684758308	0.005524
488	11	185	185	1.088235	16.6064705413931	0.005882
489	11	182	182	1.070588	16.9351175742991	0.005882
490	11	18	177	1.017241	14.7081034210907	0.005747
491	11	250	172	1.075000	16.4041874319315	0.006250
492	11	136	162	1.058823	19.1415684488085	0.006535
493	11	3	152	1.070422	16.8392252854898	0.007042
494	11	208	149	1.087591	21.2910947799683	0.007299
495	11	126	138	1.069767	17.678061965362	0.007751
496	11	248	124	1.192307	16.6377884860222	0.009615
497	11	241	123	1.118181	15.4423636306416	0.009090
498	11	60	123	1.051282	14.5359828777802	0.008547
499	11	200	122	1.070175	16.711578889897	0.008771
500	11	20	114	1.055555	14.3301851153374	0.009259
501	11	147	108	1.028571	17.2004761264438	0.009523
502	11	94	106	1.049504	15.4322772167697	0.009900
503	11	183	75	1.041666	19.1798609139191	0.013888
504	11	31	36	1.090909	30.5509092302033	0.030303
505	11	240	31	1.192307	22.2273076405892	0.038461
506	11	58	25	1.000000	16.8359998321533	0.040000
507	11	184	9	1.125000	21.0299998521805	0.125000
508	11	46	8	1.600000	35.5119997024536	0.200000
509	11	59	7	1.000000	20.157142502921	0.142857
510	11	199	2	1.000000	5.05000019073486	0.500000
511	12	247	1834	1.589254	20.0288735455099	0.000866
512	12	168	1125	1.261210	18.429999932914	0.001121
513	12	159	580	1.056466	15.6130236684733	0.001821
514	12	69	574	1.053211	15.1910091221879	0.001834
515	12	242	427	1.049140	18.7493364245651	0.002457
516	12	51	385	1.115942	23.5258259538291	0.002898
517	12	119	378	1.384615	16.7392674697624	0.003663
518	12	213	331	1.133561	20.1575341185887	0.003424
519	12	254	324	1.069306	18.6297359090827	0.003300
520	12	174	317	1.053156	18.0537872158016	0.003322
521	12	220	274	1.049808	16.9304980573983	0.003831
522	12	167	271	1.066929	13.0933071245828	0.003937
523	12	235	256	1.127753	17.5148897549129	0.004405
524	12	169	235	1.049107	16.0262499100396	0.004464
525	12	47	211	1.060301	14.808492482008	0.005025
526	12	18	211	1.071065	15.0555837118081	0.005076
527	12	78	186	1.075144	19.8469363719742	0.005780

528	12	81	181	1.096969	18.9809089429451	0.006060
529	12	185	177	1.029069	16.7100580057433	0.005813
530	12	259	169	1.141891	22.3420943343962	0.006756
531	12	241	169	1.090322	16.4219354079616	0.006451
532	12	136	164	1.078947	18.0073024254096	0.006578
533	12	126	155	1.183206	19.581526685307	0.007633
534	12	212	155	1.040268	14.2319463067407	0.006711
535	12	250	150	1.063829	16.5246807666535	0.007092
536	12	32	148	1.034965	16.4622376431952	0.006993
537	12	182	145	1.074074	15.0839999216574	0.007407
538	12	3	143	1.108527	22.1431005389191	0.007751
539	12	208	138	1.053435	19.6418318766674	0.007633
540	12	200	124	1.050847	19.3792373431941	0.008474
541	12	60	119	1.062500	16.2030355552477	0.008928
542	12	147	112	1.066666	19.8929522173745	0.009523
543	12	20	109	1.101010	14.2924242429059	0.010101
544	12	248	99	1.087912	17.7890110461267	0.010989
545	12	94	92	1.033707	14.7746067047119	0.011235
546	12	183	65	1.065573	20.5952457990803	0.016393
547	12	240	50	1.136363	20.4106817408042	0.022727
548	12	31	44	1.100000	24.4532500699162	0.025000
549	12	58	21	1.000000	17.3585712796166	0.047619
550	12	59	6	1.000000	9.13333336512248	0.166666
551	12	184	6	1.000000	13.4166666666667	0.166666
552	12	46	5	1.000000	21.6999994277954	0.200000
553	12	199	2	2.000000	13.1000003814697	1.000000
554	13	247	1696	1.541818	19.8916546346925	0.000909
555	13	168	1134	1.264214	18.2548271359807	0.001114
556	13	159	646	1.066006	15.1951979794125	0.001650
557	13	69	631	1.049916	15.8529616805559	0.001663
558	13	242	439	1.065533	17.8706794010783	0.002427
559	13	119	372	1.256756	17.7452365643269	0.003378
560	13	51	345	1.068111	22.3026314012406	0.003095
561	13	220	336	1.066666	15.9848570891789	0.003174
562	13	213	335	1.127946	21.6392255062206	0.003367
563	13	254	314	1.090277	18.9680554394921	0.003472
564	13	235	302	1.086330	16.5530574844896	0.003597
565	13	174	293	1.050179	18.9881001783528	0.003584
566	13	167	265	1.072874	13.4225101448022	0.004048
567	13	169	245	1.103603	15.0217116953016	0.004504
568	13	47	239	1.043668	14.1935807940221	0.004366
569	13	185	235	1.053811	17.3664572989994	0.004484
570	13	182	209	1.066326	16.4894387582127	0.005102
571	13	136	202	1.063157	17.7091050424074	0.005263
572	13	250	198	1.064516	17.7950536887492	0.005376
573	13	126	190	1.165644	21.0931900580602	0.006134
574	13	18	189	1.067796	14.3335028193091	0.005649
575	13	78	181	1.034285	17.4199427608081	0.005714

576	13	81	178	1.098765	20.4487653126319	0.006172
577	13	241	176	1.079754	16.5503680033186	0.006134
578	13	32	168	1.043478	17.4295030306585	0.006211
579	13	3	154	1.047619	19.6451018959487	0.006802
580	13	259	154	1.100000	20.3709284271513	0.007142
581	13	20	153	1.069930	14.9974825315542	0.006993
582	13	208	150	1.056338	19.8015491475522	0.007042
583	13	200	148	1.057142	15.0285713791847	0.007142
584	13	60	139	1.103174	16.3691268970096	0.007936
585	13	212	131	1.100840	17.1642857319167	0.008403
586	13	147	105	1.029411	17.7352938465044	0.009803
587	13	94	87	1.035714	13.2423809539704	0.011904
588	13	248	80	1.111111	19.3136109064023	0.013888
589	13	31	63	1.000000	12.2655555899181	0.015873
590	13	183	59	1.017241	19.8727583720766	0.017241
591	13	240	45	1.022727	16.2590907825665	0.022727
592	13	59	14	1.000000	11.5142857687814	0.071428
593	13	58	13	1.000000	13.7615383955149	0.076923
594	13	184	11	1.000000	21.0018183318051	0.090909
595	13	46	6	1.000000	20.9666662216187	0.166666
596	13	199	1	1.000000	10.8000001907349	1.000000
597	14	247	1458	1.350000	19.7667685338744	0.000925
598	14	168	1197	1.277481	18.917961519963	0.001067
599	14	159	618	1.060034	14.5460034564879	0.001715
600	14	69	591	1.088397	17.8696684649636	0.001841
601	14	242	566	1.067924	19.05343373356	0.001886
602	14	220	370	1.069364	17.1372254363374	0.002890
603	14	51	368	1.091988	21.5021956377284	0.002967
604	14	213	310	1.091549	19.5255280338543	0.003521
605	14	169	294	1.053763	14.5594981887435	0.003584
606	14	167	292	1.042857	13.6585714579693	0.003571
607	14	47	282	1.072243	13.7944106366698	0.003802
608	14	119	274	1.212389	18.5160619621783	0.004424
609	14	174	269	1.026717	17.1448089730649	0.003816
610	14	254	267	1.072289	18.9198793761701	0.004016
611	14	235	237	1.097222	16.6799535839646	0.004629
612	14	185	226	1.027272	17.7236361644485	0.004545
613	14	250	216	1.080000	17.7806998115778	0.005000
614	14	182	199	1.041884	13.700418825549	0.005235
615	14	18	197	1.047872	14.1918616653123	0.005319
616	14	78	185	1.075581	15.7184302562545	0.005813
617	14	3	174	1.060975	18.409816948379	0.006097
618	14	126	166	1.144827	17.6304137246362	0.006896
619	14	136	164	1.051282	16.392371633114	0.006410
620	14	32	163	1.065359	16.4911764010884	0.006535
621	14	259	159	1.104166	22.8798609723647	0.006944
622	14	81	156	1.090909	21.3993704985905	0.006993
623	14	212	153	1.062500	15.5451388545334	0.006944

624	14	241	152	1.070422	17.1533098237615	0.007042
625	14	20	149	1.079710	15.7157245667084	0.007246
626	14	200	145	1.035714	18.7841428045716	0.007142
627	14	208	120	1.034482	20.6477583667328	0.008620
628	14	60	119	1.025862	13.6260344905072	0.008620
629	14	94	108	1.018867	13.6774527914119	0.009433
630	14	147	107	1.049019	17.5447057345334	0.009803
631	14	248	101	1.063157	14.6053684159329	0.010526
632	14	31	85	1.049382	14.5845679736432	0.012345
633	14	183	72	1.074626	20.2726865135022	0.014925
634	14	240	35	1.093750	18.2621873766184	0.031250
635	14	46	23	1.095238	25.9885709399269	0.047619
636	14	184	15	1.071428	18.912142600332	0.071428
637	14	59	10	1.000000	23.9500000953674	0.100000
638	14	58	9	1.000000	19.2088884777493	0.111111
639	15	168	1434	1.302452	19.2759581840006	0.000908
640	15	247	1425	1.273458	18.7226452333145	0.000893
641	15	159	670	1.066878	15.0765286992974	0.001592
642	15	69	635	1.067226	16.2266722163232	0.001680
643	15	242	577	1.068518	18.7989257373192	0.001851
644	15	235	346	1.157190	18.7289631279017	0.003344
645	15	51	344	1.068322	22.7522979441637	0.003105
646	15	220	332	1.074433	16.8903883606871	0.003236
647	15	167	304	1.051903	15.6643597362982	0.003460
648	15	47	297	1.095940	16.6405165336229	0.003690
649	15	213	289	1.054744	18.7124451103002	0.003649
650	15	254	287	1.074906	19.1438575416022	0.003745
651	15	119	281	1.156378	21.5388476724733	0.004115
652	15	174	271	1.042307	18.3258843981303	0.003846
653	15	169	256	1.117903	17.1858515270933	0.004366
654	15	78	243	1.042918	19.9647636303574	0.004291
655	15	250	241	1.071111	17.3507554393344	0.004444
656	15	136	233	1.088785	16.9964952758539	0.004672
657	15	182	182	1.022471	13.9438201339727	0.005617
658	15	126	179	1.091463	21.8143902740827	0.006097
659	15	185	179	1.034682	16.9718496261994	0.005780
660	15	81	178	1.092024	20.8555826029163	0.006134
661	15	18	165	1.018518	13.9447529860485	0.006172
662	15	32	164	1.031446	16.2411947925136	0.006289
663	15	212	159	1.081632	14.1740136503362	0.006802
664	15	3	153	1.026845	17.8868454926766	0.006711
665	15	147	153	1.055172	21.3757240673591	0.006896
666	15	200	144	1.043478	19.2100723904112	0.007246
667	15	259	134	1.126050	23.8261341688012	0.008403
668	15	20	133	1.072580	13.8062903265799	0.008064
669	15	208	131	1.056451	19.7258063093308	0.008064
670	15	60	128	1.032258	15.4923386246927	0.008064
671	15	248	120	1.052631	16.0299998422464	0.008771

672	15	241	120	1.071428	16.7993748805353	0.008928
673	15	94	101	1.000000	11.8724752912427	0.009900
674	15	31	101	1.041237	13.117938152908	0.010309
675	15	183	64	1.032258	20.4370966419097	0.016129
676	15	240	41	1.078947	27.8676311781532	0.026315
677	15	46	16	1.000000	29.2306246757507	0.062500
678	15	184	15	1.000000	15.87133324941	0.066666
679	15	58	13	1.000000	13.1961539341853	0.076923
680	15	59	11	1.000000	13.3427272276445	0.090909
681	16	168	1554	1.366754	18.7128495277285	0.000879
682	16	247	1446	1.291071	18.5157232432493	0.000892
683	16	69	636	1.068907	15.2021512151766	0.001680
684	16	159	615	1.069565	14.8714956163323	0.001739
685	16	242	401	1.036175	19.0651160771225	0.002583
686	16	235	333	1.206521	18.7978259759105	0.003623
687	16	51	293	1.039007	21.6515955028804	0.003546
688	16	119	277	1.158995	16.3736820013952	0.004184
689	16	174	273	1.022471	18.9768910872356	0.003745
690	16	220	273	1.041984	15.0408014241066	0.003816
691	16	213	257	1.137168	19.2085396779322	0.004424
692	16	169	253	1.054166	14.7302915881077	0.004166
693	16	47	243	1.094594	16.034594577712	0.004504
694	16	250	234	1.109004	17.4372984611593	0.004739
695	16	167	220	1.032863	14.4184037223108	0.004694
696	16	254	219	1.057971	19.2894683920819	0.004830
697	16	78	204	1.062500	20.6645310201372	0.005208
698	16	136	194	1.054347	16.7945107286391	0.005434
699	16	18	173	1.101910	18.4353502571203	0.006369
700	16	182	166	1.077922	15.393311596536	0.006493
701	16	126	161	1.118055	19.3040970746014	0.006944
702	16	185	153	1.006578	15.3220393485145	0.006578
703	16	81	141	1.052238	21.3553730178235	0.007462
704	16	212	139	1.029629	14.656740615986	0.007407
705	16	20	132	1.090909	16.8653718282369	0.008264
706	16	60	132	1.031250	16.2021092753857	0.007812
707	16	200	127	1.094827	21.596292931458	0.008620
708	16	208	126	1.086206	28.5602582610887	0.008620
709	16	3	108	1.028571	18.3741902714684	0.009523
710	16	32	103	1.019801	17.9968314760982	0.009900
711	16	241	103	1.019801	14.9288117980013	0.009900
712	16	259	93	1.068965	18.7827585209375	0.011494
713	16	94	90	1.071428	21.09083317575	0.011904
714	16	248	90	1.034482	17.5625287506772	0.011494
715	16	31	80	1.052631	18.1522367345659	0.013157
716	16	147	80	1.012658	19.749746730056	0.012658
717	16	240	43	1.048780	15.675121785664	0.024390
718	16	183	43	1.000000	15.6230232272037	0.023255
719	16	46	26	1.040000	27.0115994262695	0.040000

720	16	184	13	1.000000	15.856922851159	0.076923
721	16	59	9	1.000000	19.7488887574938	0.111111
722	16	58	7	1.000000	22.6871425083705	0.142857
723	16	199	2	1.000000	34.5699996948242	0.500000
724	17	247	1820	1.349147	20.4245218845806	0.000741
725	17	168	1794	1.456168	20.5740177697659	0.000811
726	17	69	687	1.071762	15.587956263104	0.001560
727	17	159	666	1.063897	16.0201916786048	0.001597
728	17	242	404	1.122222	20.7768609346615	0.002777
729	17	235	321	1.278884	18.9387648974757	0.003984
730	17	119	298	1.231404	18.6031404509525	0.004132
731	17	220	297	1.049469	15.031095298356	0.003533
732	17	51	276	1.095238	23.2100790559299	0.003968
733	17	167	257	1.019841	13.8675396631634	0.003968
734	17	250	254	1.114035	16.4410963395708	0.004385
735	17	126	251	1.195238	19.1033332523845	0.004761
736	17	213	247	1.127853	19.8808675522674	0.004566
737	17	174	238	1.072072	19.9522069144893	0.004504
738	17	47	233	1.114832	20.2442106195329	0.004784
739	17	169	208	1.050505	18.4230806565646	0.005050
740	17	78	205	1.025000	17.9574998758733	0.005000
741	17	182	202	1.063157	14.5193157064287	0.005263
742	17	18	198	1.064516	15.7232794851385	0.005376
743	17	212	193	1.096590	19.2098862518641	0.005681
744	17	136	177	1.079268	18.6353656998495	0.006097
745	17	254	157	1.039735	18.2758939171469	0.006622
746	17	185	155	1.013071	15.8850978250597	0.006535
747	17	200	124	1.016393	18.8404096540858	0.008196
748	17	208	120	1.052631	21.2413157454708	0.008771
749	17	241	119	1.062500	16.7658927845103	0.008928
750	17	20	114	1.055555	19.250000041944	0.009259
751	17	81	106	1.191011	22.2558426964149	0.011235
752	17	259	104	1.083333	21.5976038475831	0.010416
753	17	60	98	1.053763	15.5495699246724	0.010752
754	17	3	95	1.032608	19.0645650631708	0.010869
755	17	32	90	1.022727	16.2074998027899	0.011363
756	17	147	80	1.025641	21.8869231969882	0.012820
757	17	94	65	1.000000	13.6519998917213	0.015384
758	17	248	65	1.015625	15.5274998443201	0.015625
759	17	31	42	1.000000	11.968333345084	0.023809
760	17	240	38	1.187500	17.015624910593	0.031250
761	17	183	32	1.032258	20.0732255135813	0.032258
762	17	46	24	1.090909	33.3159088221463	0.045454
763	17	58	15	1.071428	12.3978571891785	0.071428
764	17	184	13	1.000000	24.492307809683	0.076923
765	17	199	7	1.750000	32.2949998378754	0.250000
766	17	59	3	1.000000	28.2200002074242	0.333333
767	18	247	2114	1.318777	18.1660636267064	0.000623

768	18	168	1902	1.369330	19.5511590555214	0.000719
769	18	159	745	1.071942	14.9222446043714	0.001438
770	18	69	690	1.058282	15.3516871235305	0.001533
771	18	242	413	1.140883	20.6277345835504	0.002762
772	18	220	385	1.040540	16.0121621004633	0.002702
773	18	235	344	1.186206	20.2402413253126	0.003448
774	18	51	316	1.074829	23.9959521360543	0.003401
775	18	119	311	1.248995	17.5679116459735	0.004016
776	18	167	288	1.035971	13.2594244803885	0.003597
777	18	78	266	1.127118	17.4696185561055	0.004237
778	18	250	260	1.125541	15.322510716203	0.004329
779	18	47	254	1.053941	15.5555600852887	0.004149
780	18	213	254	1.090128	18.5204719351085	0.004291
781	18	169	253	1.045454	17.3580164052238	0.004132
782	18	212	245	1.084070	14.1525663411723	0.004424
783	18	174	230	1.031390	18.7987889890714	0.004484
784	18	18	211	1.060301	16.651658122863	0.005025
785	18	182	203	1.097297	15.1805404843511	0.005405
786	18	126	191	1.179012	18.3947530602231	0.006172
787	18	254	191	1.067039	19.0201115768049	0.005586
788	18	136	174	1.080745	15.5020496984076	0.006211
789	18	241	155	1.054421	15.9066665578051	0.006802
790	18	185	147	1.035211	16.8392252972428	0.007042
791	18	81	147	1.122137	24.9722899371431	0.007633
792	18	20	146	1.013888	16.9324999236398	0.006944
793	18	60	139	1.061068	16.9574045334154	0.007633
794	18	208	127	1.076271	18.8447456082045	0.008474
795	18	200	127	1.085470	15.7660684198396	0.008547
796	18	3	113	1.107843	21.6411762640757	0.009803
797	18	259	111	1.027777	18.3707405726115	0.009259
798	18	248	107	1.070000	16.3686000156403	0.010000
799	18	147	105	1.039603	19.8591087336587	0.009900
800	18	94	100	1.030927	13.4404123517656	0.010309
801	18	32	94	1.032967	15.1806592600686	0.010989
802	18	31	51	1.020000	20.0144001483917	0.020000
803	18	183	35	1.000000	18.1914283207485	0.028571
804	18	46	23	1.045454	29.5454539385709	0.045454
805	18	240	22	1.047619	18.6457140672775	0.047619
806	18	184	18	1.000000	20.5411108632882	0.055555
807	18	199	9	1.800000	31.6639995574951	0.200000
808	18	58	6	1.500000	16.8250000476837	0.250000
809	18	59	4	1.000000	14.7874999046326	0.250000
810	19	247	1772	1.403008	19.0055027792639	0.000791
811	19	168	1584	1.282591	20.3877974306041	0.000809
812	19	159	654	1.051446	13.6382958483658	0.001607
813	19	69	564	1.095145	14.1630679693616	0.001941
814	19	220	373	1.033240	15.2337950022267	0.002770
815	19	235	354	1.149350	17.2436687307698	0.003246

816	19	242	316	1.136690	17.2971941841592	0.003597
817	19	167	292	1.089552	14.7776865194093	0.003731
818	19	119	281	1.175732	19.0519665586899	0.004184
819	19	51	274	1.083003	22.0564819600271	0.003952
820	19	213	254	1.139013	19.2466365703018	0.004484
821	19	169	244	1.047210	13.3846351793396	0.004291
822	19	47	237	1.067567	15.398288311722	0.004504
823	19	254	231	1.026666	19.4562221633063	0.004444
824	19	174	225	1.027397	18.621460970134	0.004566
825	19	18	220	1.073170	14.781121900605	0.004878
826	19	182	211	1.146739	14.9369565080041	0.005434
827	19	212	209	1.129729	14.4977837356361	0.005405
828	19	78	207	1.143646	16.3817679473708	0.005524
829	19	250	189	1.105263	15.9589472932425	0.005847
830	19	126	175	1.151315	15.0689474516793	0.006578
831	19	136	172	1.023809	14.9098213442734	0.005952
832	19	185	172	1.011764	16.6893528209013	0.005882
833	19	81	147	1.176000	22.2568797988892	0.008000
834	19	241	147	1.072992	19.5254743225383	0.007299
835	19	208	146	1.140625	23.0233591645956	0.007812
836	19	60	141	1.076335	19.12106857773	0.007633
837	19	94	119	1.043859	16.0271929167865	0.008771
838	19	20	115	1.036036	13.9395495986079	0.009009
839	19	147	106	1.019230	14.4626923186275	0.009615
840	19	32	104	1.009708	15.6598057029317	0.009708
841	19	200	96	1.066666	16.6106665664249	0.011111
842	19	248	92	1.082352	14.2627059964573	0.011764
843	19	3	90	1.022727	17.8604544292797	0.011363
844	19	259	82	1.093333	24.1311996690432	0.013333
845	19	31	42	1.050000	23.9162501990795	0.025000
846	19	183	35	1.000000	18.8711426326207	0.028571
847	19	240	34	1.214285	17.3835714203971	0.035714
848	19	46	31	1.033333	30.4089995702108	0.033333
849	19	184	19	1.055555	15.5927778614892	0.055555
850	19	58	13	1.083333	22.3583331108093	0.083333
851	19	199	11	2.200000	23.3599996566772	0.200000
852	19	59	8	1.600000	17.2800003051758	0.200000
853	20	247	1431	1.369377	19.3875694056447	0.000956
854	20	168	1300	1.256038	20.4344347346232	0.000966
855	20	69	495	1.087912	17.0340659676017	0.002197
856	20	159	494	1.078602	15.0026201514698	0.002183
857	20	220	338	1.052959	14.7184423204523	0.003115
858	20	235	288	1.111969	17.0478763626349	0.003861
859	20	119	257	1.157657	16.9791441288617	0.004504
860	20	167	241	1.071111	14.6952445056703	0.004444
861	20	51	238	1.086757	23.1975797409336	0.004566
862	20	169	229	1.026905	12.7963228773643	0.004484
863	20	213	226	1.153061	18.5568367248895	0.005102

864	20	242	223	1.167539	17.5959161588659	0.005235
865	20	254	216	1.053658	18.9377072438961	0.004878
866	20	78	198	1.144508	20.3409250202896	0.005780
867	20	18	193	1.043243	14.1201081646455	0.005405
868	20	47	188	1.086705	15.1124856003447	0.005780
869	20	182	168	1.105263	19.0019077407686	0.006578
870	20	212	155	1.201550	17.324341165927	0.007751
871	20	250	152	1.125925	15.7257036584395	0.007407
872	20	126	146	1.168000	20.1415199480057	0.008000
873	20	174	145	1.035714	16.4304283874375	0.007142
874	20	241	127	1.049586	17.1433057036282	0.008264
875	20	136	114	1.008849	16.1732742427725	0.008849
876	20	81	113	1.097087	22.7090290987376	0.009708
877	20	185	111	1.047169	18.3232073783875	0.009433
878	20	208	109	1.090000	17.5544998157024	0.010000
879	20	147	100	1.075268	15.7972042592623	0.010752
880	20	60	100	1.052631	16.1366317146703	0.010526
881	20	200	100	1.075268	17.5492472449938	0.010752
882	20	248	99	1.087912	19.0082416953621	0.010989
883	20	94	99	1.020618	15.3809277003573	0.010309
884	20	259	90	1.046511	17.894767281621	0.011627
885	20	20	85	1.024096	15.557108462575	0.012048
886	20	3	77	1.069444	18.4141664107641	0.013888
887	20	32	77	1.026666	14.8306665770213	0.013333
888	20	240	37	1.233333	17.0020001093547	0.033333
889	20	183	34	1.030303	14.0790908553384	0.030303
890	20	31	27	1.000000	20.2240741871021	0.037037
891	20	46	26	1.000000	29.0546149107126	0.038461
892	20	184	18	1.000000	23.414999898937	0.055555
893	20	58	10	1.111111	23.2266665299733	0.111111
894	20	59	7	1.000000	10.8714286259242	0.142857
895	20	199	7	1.750000	20.8999998569489	0.250000
896	21	168	1189	1.161132	18.9404686710914	0.000976
897	21	247	1165	1.329908	18.6539269806179	0.001141
898	21	69	537	1.052941	15.4345489595451	0.001960
899	21	159	478	1.055187	13.201170014493	0.002207
900	21	220	313	1.057432	14.599729671873	0.003378
901	21	235	309	1.161654	16.9333081971434	0.003759
902	21	119	256	1.066666	16.0835415889819	0.004166
903	21	254	238	1.081818	19.6154997944832	0.004545
904	21	169	236	1.048888	13.2555999925401	0.004444
905	21	213	228	1.106796	17.1930581609022	0.004854
906	21	167	228	1.060465	14.551767423541	0.004651
907	21	51	208	1.094736	22.9974207677339	0.005263
908	21	47	191	1.055248	14.0967955958119	0.005524
909	21	182	185	1.075581	14.8061627024828	0.005813
910	21	242	183	1.165605	16.1042037678372	0.006369
911	21	78	173	1.116129	15.4243871796516	0.006451

912	21	18	171	1.030120	13.4994578318424	0.006024
913	21	212	162	1.080000	12.9609333388011	0.006666
914	21	174	152	1.020134	16.0956375406893	0.006711
915	21	259	149	1.049295	22.5069714918943	0.007042
916	21	241	144	1.074626	15.7979851302816	0.007462
917	21	60	144	1.074626	16.1456716932468	0.007462
918	21	136	140	1.021897	15.3759853300387	0.007299
919	21	208	131	1.110169	18.1774574720253	0.008474
920	21	126	120	1.090909	14.5277272815054	0.009090
921	21	250	117	1.073394	15.7487156172411	0.009174
922	21	185	114	1.000000	13.4539474248886	0.008771
923	21	147	110	1.000000	14.759090870077	0.009090
924	21	81	102	1.214285	20.412380865642	0.011904
925	21	94	98	1.031578	15.6137893651661	0.010526
926	21	248	96	1.043478	14.5050000289212	0.010869
927	21	200	80	1.025641	18.5184614902888	0.012820
928	21	20	79	1.039473	12.9126316999134	0.013157
929	21	32	78	1.012987	16.008701361619	0.012987
930	21	3	71	1.059701	19.4246267311609	0.014925
931	21	31	56	1.166666	14.5227085600297	0.020833
932	21	183	35	1.060606	19.3703028577747	0.030303
933	21	240	35	1.166666	34.3323335250219	0.033333
934	21	46	25	1.000000	25.1999993896484	0.040000
935	21	199	9	3.000000	37.4000005722046	0.333333
936	21	59	8	1.000000	15.5674998760223	0.125000
937	21	184	7	1.166666	14.6983334223429	0.166666
938	21	58	5	1.000000	25.1119998931885	0.200000
939	22	247	1219	1.220220	17.7824123905705	0.001001
940	22	168	1197	1.101195	16.3673780230941	0.000919
941	22	69	571	1.030685	13.3925451796623	0.001805
942	22	159	515	1.040404	14.8465656978915	0.002020
943	22	220	336	1.059936	14.7461198094515	0.003154
944	22	119	328	1.064935	17.9237986292158	0.003246
945	22	235	304	1.160305	15.9942365706194	0.003816
946	22	169	252	1.020242	14.9538461071277	0.004048
947	22	254	241	1.066371	18.5159290269413	0.004424
948	22	167	241	1.071111	13.1816445181105	0.004444
949	22	213	226	1.036697	17.7430732802514	0.004587
950	22	18	207	1.029850	11.1164677546392	0.004975
951	22	47	182	1.045977	14.6779310062699	0.005747
952	22	78	178	1.092024	17.682515399222	0.006134
953	22	212	161	1.052287	15.2337907763088	0.006535
954	22	182	159	1.067114	16.8013423545249	0.006711
955	22	241	157	1.026143	14.9073202547684	0.006535
956	22	242	152	1.041095	13.9642465473854	0.006849
957	22	136	150	1.013513	12.7170270202128	0.006756
958	22	174	148	1.013698	14.9656163356076	0.006849
959	22	51	148	1.064748	25.2087766472384	0.007194

960	22	248	144	1.035971	15.1038129792797	0.007194
961	22	81	140	1.166666	23.4223332146804	0.008333
962	22	185	139	1.061068	16.7613739785347	0.007633
963	22	200	136	1.133333	16.7653333326181	0.008333
964	22	94	135	1.022727	15.3126514987512	0.007575
965	22	259	127	1.123893	21.1962830239693	0.008849
966	22	126	119	1.053097	18.4553982473053	0.008849
967	22	60	118	1.017241	15.2324138196378	0.008620
968	22	250	115	1.008771	12.2633332871554	0.008771
969	22	208	115	1.036036	19.0981078652648	0.009009
970	22	147	101	1.052083	26.0230210454514	0.010416
971	22	20	72	1.043478	12.9217392327129	0.014492
972	22	32	65	1.015625	16.7739060334861	0.015625
973	22	3	53	1.060000	16.9399997901916	0.020000
974	22	31	44	1.023255	17.9911627880363	0.023255
975	22	240	37	1.088235	22.1264705026851	0.029411
976	22	46	29	1.074074	29.6940736417417	0.037037
977	22	183	27	1.000000	15.2870368516004	0.037037
978	22	59	12	1.333333	12.4555555714501	0.111111
979	22	184	10	1.111111	13.9144444995456	0.111111
980	22	58	4	1.000000	123.67499756813	0.250000
981	22	199	1	1.000000	6.80000019073486	1.000000
982	23	168	1411	1.124302	17.4978724496298	0.000796
983	23	247	1203	1.154510	17.1008348645725	0.000959
984	23	69	684	1.045871	12.5724159165624	0.001529
985	23	159	605	1.030664	12.0053492680928	0.001703
986	23	220	325	1.041666	14.0196794617252	0.003205
987	23	119	324	1.055374	16.5960259794801	0.003257
988	23	235	305	1.081560	19.2461346861319	0.003546
989	23	169	278	1.025830	11.8891143910999	0.003690
990	23	167	248	1.033333	13.4179166505734	0.004166
991	23	78	220	1.047619	14.0654285328729	0.004761
992	23	185	207	1.061538	18.2217435032893	0.005128
993	23	213	203	1.041025	20.0826664484464	0.005128
994	23	136	202	1.041237	15.0906185218968	0.005154
995	23	47	187	1.010810	12.9247027374603	0.005405
996	23	126	181	1.071005	18.7615976196069	0.005917
997	23	174	179	1.011299	13.8396045393863	0.005649
998	23	241	178	1.047058	14.9565293708268	0.005882
999	23	242	177	1.029069	15.7331976322241	0.005813
1000	23	212	166	1.057324	13.5572610877122	0.006369
1001	23	18	154	1.033557	12.6586577108242	0.006711
1002	23	254	144	1.014084	16.286056221371	0.007042
1003	23	147	135	1.007462	14.5156715788058	0.007462
1004	23	60	133	1.031007	13.2097675116487	0.007751
1005	23	250	132	1.007633	13.4007633496787	0.007633
1006	23	51	129	1.040322	22.7695158633494	0.008064
1007	23	208	125	1.041666	20.9881665368875	0.008333

1008	23	182	124	1.033333	13.7213333288829	0.008333
1009	23	81	121	1.210000	21.9349999314547	0.010000
1010	23	200	114	1.055555	17.2578703650722	0.009259
1011	23	94	105	1.060606	11.9255556482257	0.010101
1012	23	248	100	1.020408	12.8129592209446	0.010204
1013	23	20	93	1.000000	11.3876344080894	0.010752
1014	23	259	92	1.082352	16.3035292933969	0.011764
1015	23	32	88	1.023255	14.6932556823243	0.011627
1016	23	183	40	1.142857	19.3457141331264	0.028571
1017	23	240	36	1.058823	28.8735291256624	0.029411
1018	23	3	35	1.029411	18.575882119291	0.029411
1019	23	31	32	1.032258	15.9887095132182	0.032258
1020	23	46	30	1.000000	22.961666170756	0.033333
1021	23	184	10	1.000000	21.903999710083	0.100000
1022	23	58	8	1.000000	11.2999999523163	0.125000
1023	23	59	6	1.000000	15.6333328882853	0.166666
1024	23	199	1	1.000000	31.2999992370605	1.000000