

Feuille1

n	fn	gn	pn	cn	cn/(pi/3)
3	2,25	1,8237813056	2	0,9118906528	0,8707914297
4	3	2,4317084074	3	0,8105694691	0,7740368264
5	3,125	2,5330295911	2	1,2665147955	1,2094325412
6	3,75	3,0396355093	4	0,7599088773	0,7256595247
7	3,828125	3,1029612491	3	1,0343204164	0,987703242
8	4,375	3,5462414275	4	0,8865603569	0,8466027789
9	4,921875	3,9895216059	3	1,3298405353	1,2699041683
10	5,46875	4,4328017844	5	0,8865603569	0,8466027789
11	5,5143229167	4,4697417992	4	1,1174354498	1,0670722525
12	6,015625	4,8760819628	5	0,9752163926	0,9312630568
13	6,0514322917	4,9051062602	5	0,981021252	0,9368062892
14	6,5169270833	5,2824221264	4	1,3206055316	1,2610853894
15	6,982421875	5,6597379925	6	0,9432896654	0,9007752781
16	7,4479166667	6,0370538587	7	0,8624362655	0,8235659686
17	7,4737774884	6,0580158513	5	1,2116031703	1,1569958017
18	7,9134114583	6,4143697249	6	1,0690616208	1,0208786485
19	7,9353931568	6,4321874185	6	1,0720312364	1,0237144226
20	8,3530454282	6,7707235985	7	0,9672462284	0,9236521106
21	8,7706976997	7,1092597784	7	1,0156085398	0,9698347161
22	9,1883499711	7,4477959583	7	1,0639708512	1,0160173216
23	9,205752149	7,4619016325	6	1,2436502721	1,1875985297
24	9,6060022425	7,7863321382	9	0,8651480154	0,8261554989
25	10,0062523359	8,110762644	8	1,0138453305	0,9681509753
26	10,4065024293	8,4351931498	7	1,2050275928	1,1507165878
27	10,8067525228	8,7596236555	8	1,0949529569	1,0456030533
28	11,2070026162	9,0840541613	9	1,0093393513	0,9638480821
29	11,220344286	9,0948685115	8	1,1368585639	1,0856199603
30	11,6072527097	9,408484667	8	1,1760605834	1,1230551313
31	11,6193435979	9,4182851719	10	0,9418285172	0,8993799843
32	11,9941611333	9,7221008226	9	1,0802334247	1,0315469354
33	12,3689786687	10,0259164733	10	1,0025916473	0,9574044995
34	12,7437962041	10,329732124	9	1,1477480138	1,0960186189
35	13,1186137396	10,6335477747	10	1,0633547775	1,0154290146
36	13,493431275	10,9373634254	9	1,2152626028	1,1604903024
37	13,5032948943	10,9453585741	9	1,2161509527	1,161338614
38	13,8682488104	11,2411790761	12	0,936764923	0,8945446081
39	14,2332027265	11,5369995781	11	1,0488181435	1,0015475516
40	14,5981566425	11,8328200801	12	0,98606834	0,9416259032
41	14,6068460215	11,8398634254	11	1,0763512205	1,0278397035
42	14,9631105586	12,1286405821	9	1,3476267314	1,2868887344
43	14,9712074799	12,1352036993	12	1,0112669749	0,9656888271
44	15,3193750957	12,4174177389	11	1,1288561581	1,0779782256
45	15,6675427115	12,6996317784	13	0,9768947522	0,9328657721
46	16,0157103273	12,9818458179	10	1,2981845818	1,2396749594
47	16,0229638193	12,987725277	13	0,9990557905	0,9540280049
48	16,3638779431	13,2640598574	15	0,8842706572	0,8444162767
49	16,7047920669	13,5403944378	10	1,3540394438	1,2930124237
50	17,0457061908	13,8167290181	11	1,2560662744	1,1994549385
51	17,3866203146	14,0930635985	15	0,9395375732	0,897192294
52	17,7275344384	14,3693981789	16	0,8980873862	0,857610281
53	17,7338476629	14,3745154859	12	1,1978762905	1,1438875971
54	18,0684485622	14,6457327592	13	1,1265948276	1,0758188141
55	18,4030494615	14,9169500325	11	1,3560863666	1,294967091
56	18,7376503608	15,1881673059	12	1,2656806088	1,2086359516
57	19,0722512601	15,4593845792	17	0,9093755635	0,8683896963
58	19,4068521594	15,7306018525	13	1,2100462964	1,1555090966
59	19,4124288411	15,7351221404	16	0,9834451338	0,9391209258
60	19,7414530587	16,0018191258	16	1,0001136954	0,9550382296

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61	19,7467599009	16,0061206901	13	1,2312400531	1,1757476435
62	20,0704772763	16,2685161113	17	0,956971536	0,9138405021
63	20,3941946518	16,5309115324	15	1,1020607688	1,0523905137
64	20,7179120272	16,7933069535	14	1,1995219253	1,1454590625
65	21,0416294026	17,0557023747	16	1,0659813984	1,0179372528
66	21,365346778	17,3180977958	15	1,1545398531	1,1025043477
67	21,3701073277	17,321956552	15	1,1547971035	1,1027500037
68	21,6890641535	17,580493217	17	1,0341466598	0,9875373168
69	22,0080209793	17,839029882	13	1,3722330678	1,3103860549
70	22,326977805	18,0975665469	21	0,8617888832	0,822947764
71	22,331407761	18,1011573339	15	1,2067438223	1,1523554662
72	22,6459346308	18,3561032119	15	1,2237402141	1,1685858248
73	22,6501849939	18,3595484264	17	1,0799734369	1,0312986653
74	22,9604615007	18,6110490898	17	1,0947675935	1,0454260443
75	23,2707380075	18,8625497532	18	1,0479194307	1,0006893442
76	23,5810145142	19,1140504166	22	0,8688204735	0,8296624381
77	23,891291021	19,3655510799	14	1,3832536486	1,3209099343
78	24,2015675278	19,6170517433	18	1,089836208	1,040716918
79	24,2054459841	19,6201955016	23	0,8530519783	0,8146046344
80	24,5118440345	19,8685524067	13	1,5283501851	1,4594669204
81	24,818242085	20,1169093118	20	1,0058454656	0,960511667
82	25,1246401354	20,3652662169	19	1,0718561167	1,0235471955
83	25,1282877312	20,3682228467	20	1,0184111423	0,9725110044
84	25,4310381858	20,6136231219	17	1,212566066	1,1579152994
85	25,7337886404	20,8590233972	16	1,3036889623	1,2449312557
86	26,036539095	21,1044236725	21	1,0049725558	0,9596780996
87	26,3392895496	21,3498239477	22	0,9704465431	0,926708186
88	26,6420400042	21,595224223	18	1,1997346791	1,1456622274
89	26,6454038981	21,5979508927	18	1,1998861607	1,1458068817
90	26,9447904588	21,8406244982	20	1,0920312249	1,0428130047
91	27,2441770195	22,0832981038	20	1,1041649052	1,0543998159
92	27,5435635801	22,3259717093	19	1,1750511426	1,1220911864
93	27,8429501408	22,5686453148	23	0,9812454485	0,9370203811
94	28,1423367014	22,8113189204	21	1,0862532819	1,0372954756
95	28,4417232621	23,0539925259	21	1,0978091679	1,0483305339
96	28,7411098227	23,2966661315	21	1,1093650539	1,0593655921
97	28,7441647876	23,2991423927	22	1,0590519269	1,011320095
98	29,0404963834	23,539339737	23	1,0234495538	0,9773223329
99	29,3368279791	23,7795370812	21	1,1323589086	1,081323106
100	29,6331595749	24,0197344255	23	1,0443362794	0,9972676867
101	29,6360647866	24,0220893014	22	1,0919131501	1,0427002516
102	29,9294911706	24,2599317698	20	1,2129965885	1,1583264181
103	29,9323125782	24,2622187166	21	1,1553437484	1,1032720112
104	30,2229175546	24,4977742381	21	1,166560678	1,1139833899
105	30,5135225311	24,7333297596	21	1,1777776076	1,1246947687
106	30,8041275076	24,9688852811	24	1,0403702201	0,993480379
107	30,8068182944	24,9710663508	19	1,31426665	1,2550322034
108	31,0947324841	25,2044408026	23	1,0958452523	1,0464551326
109	31,0973498858	25,2065623886	24	1,0502734329	1,0029372506
110	31,3826466738	25,4378152545	24	1,059089689	1,0121385098
111	31,6679434617	25,6690681205	27	0,9507062267	0,9078575724
112	31,9532402497	25,9003209864	25	1,0360128395	0,989319387
113	31,9557428531	25,9023495203	24	1,0792645634	1,030621741
114	32,2385370376	26,1315738524	25	1,0452629541	0,9981525959
115	32,5213312221	26,3607981844	22	1,1982180993	1,1442140004
116	32,8041254067	26,5900225165	23	1,1560879355	1,1039826575
117	33,0869195912	26,8192468485	29	0,9248016155	0,8831204909
118	33,3697137758	27,0484711805	21	1,2880224372	1,2299708261
119	33,6525079603	27,2776955126	19	1,4356681849	1,3709621296

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120	33,9353021448	27,5069198446	29	0,9485144774	0,905764606
121	34,2180963294	27,7361441766	28	0,9905765777	0,9459309531
122	34,5008905139	27,9653685087	23	1,2158855873	1,1610852088
123	34,7836846985	28,1945928407	30	0,9398197614	0,8974617638
124	35,066478883	28,4238171728	25	1,1369526869	1,0857098411
125	35,3492730675	28,6530415048	27	1,0612237594	1,0133940423
126	35,6320672521	28,8822658368	29	0,9959402013	0,9510528363
127	35,6342765817	28,8840566519	23	1,2558285501	1,1992279285
128	35,9148614366	29,1114901689	24	1,212978757	1,1583093903
129	36,1954462916	29,3389236858	24	1,2224551536	1,1673586824
130	36,4760311466	29,5663572028	28	1,0559413287	1,0083496924
131	36,4781567894	29,568080184	28	1,0560028637	1,0084084541
132	36,7566160015	29,7937907197	28	1,0640639543	1,0161062285
133	37,0350752137	30,0195012555	25	1,2007800502	1,1466604834
134	37,3135344258	30,2452117912	31	0,9756519933	0,9316790248
135	37,5919936379	30,470922327	30	1,0156974109	0,9699195818
136	37,8704528501	30,6966328627	23	1,3346362114	1,2744837017
137	37,8724706705	30,6982684463	22	1,3953758385	1,332485773
138	38,1489120622	30,9223433985	27	1,1452719777	1,0936541786
139	38,1508866436	30,9239439339	33	0,9370892101	0,8948542794
140	38,425353454	31,1464183506	25	1,245856734	1,1897055456
141	38,6998202644	31,3688927674	33	0,9505725081	0,9077298806
142	38,9742870747	31,5913671842	29	1,0893574891	1,0402597751
143	39,2487538851	31,813841601	24	1,3255767334	1,2658325374
144	39,5232206955	32,0363160178	32	1,0011348756	0,9560133849
145	39,7976875059	32,2587904346	26	1,240722709	1,1848029129
146	40,0721543163	32,4812648514	34	0,9553313192	0,9122742104
147	40,3466211267	32,7037392682	30	1,0901246423	1,0409923524
148	40,6210879371	32,926213685	33	0,9977640511	0,9527944846
149	40,6229177158	32,9276968477	26	1,2664498788	1,2093705503
150	40,8955547474	33,1486881018	32	1,0358965032	0,9892082941
151	40,8973484121	33,1501419916	33	1,0045497573	0,9592743568
152	41,1681917791	33,3696793558	27	1,2359140502	1,180210982
153	41,4390351461	33,58921672	30	1,1196405573	1,0691779751
154	41,709878513	33,8087540841	35	0,9659644024	0,922428057
155	41,98072188	34,0282914483	30	1,1342763816	1,0831541578
156	42,251565247	34,2478288125	27	1,2684381042	1,2112691657
157	42,2532794455	34,2492182895	28	1,2231863675	1,1680569402
158	42,5224086139	34,4673661767	31	1,1118505218	1,0617390392
159	42,7915377824	34,6855140639	30	1,1561838021	1,1040742034
160	43,0606669508	34,9036619511	33	1,0576867258	1,0100164239
161	43,3297961193	35,1218098383	32	1,0975565575	1,0480893086
162	43,5989252877	35,3399577255	32	1,1043736789	1,0545991801
163	43,6005663192	35,3412878955	36	0,9817024415	0,9374567773
164	43,8680544561	35,5581056127	29	1,2261415729	1,1708789535
165	44,1355425931	35,7749233298	30	1,1924974443	1,1387511773
166	44,40303073	35,991741047	33	1,0906588196	1,0415024542
167	44,4046229213	35,9930316286	33	1,0906979281	1,0415398001
168	44,6705188669	36,2085587641	31	1,1680180247	1,1153750535
169	44,9364148126	36,4240858996	38	0,9585285763	0,9153273661
170	45,2023107582	36,6396130351	33	1,1102913041	1,0602500959
171	45,4682067038	36,8551401706	33	1,1168224294	1,0664868612
172	45,7341026495	37,0706673061	30	1,2356889102	1,1799959891
173	45,7356307871	37,0719059678	33	1,1233910899	1,0727594699
174	45,9999985951	37,2861944416	28	1,3316498015	1,2716318902
175	46,2643664031	37,5004829154	36	1,041680081	0,9947312041
176	46,5287342111	37,7147713892	39	0,9670454202	0,923460353
177	46,7931020192	37,929059863	30	1,2643019954	1,2073194728
178	47,0574698272	38,1433483368	29	1,3152878737	1,2560074001

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179	47,0589385372	38,1445388283	40	0,9536134707	0,910633786
180	47,3218376352	38,3576368106	36	1,0654899114	1,0174679173
181	47,3232821357	38,3588076787	39	0,9835591712	0,9392298236
182	47,5847367332	38,5707347929	34	1,1344333763	1,0833040766
183	47,8461913306	38,7826619072	40	0,9695665477	0,9258678523
184	48,107645928	38,9945890214	31	1,2578899684	1,2011964381
185	48,3691005255	39,2065161356	39	1,0052952855	0,9599862838
186	48,6305551229	39,4184432499	36	1,0949567569	1,045606682
187	48,8920097203	39,6303703641	34	1,1655991284	1,1130651777
188	49,1534643178	39,8422974784	30	1,3280765826	1,2682197176
189	49,4149189152	40,0542245926	39	1,0270313998	0,9807427439
190	49,6763735126	40,2661517069	34	1,1842985796	1,1309218383
191	49,6777352553	40,2672554939	40	1,0066813874	0,9613099135
192	49,9378281101	40,4780788211	37	1,0940021303	1,0446950807
193	49,9391687949	40,4791655393	41	0,9872967205	0,9427989202
194	50,1979209648	40,6889021483	32	1,2715281921	1,2142199824
195	50,4566731347	40,8986387573	34	1,2029011399	1,1486859748
196	50,7154253047	41,1083753663	37	1,1110371721	1,0609623474
197	50,7167321338	41,1094346421	38	1,0818272274	1,0330689049
198	50,9741774746	41,3181119754	37	1,1167057291	1,0663754206
199	50,9754647013	41,319155362	39	1,0594655221	1,0117150493
200	51,2316228154	41,5267893086	33	1,2583875548	1,201671598
201	51,4877809294	41,7344232551	35	1,192412093	1,1386696728
202	51,7439390435	41,9420572016	42	0,9986204096	0,9536122467
203	52,0000971576	42,1496911482	39	1,0807613115	1,0320510302
204	52,2562552717	42,3573250947	44	0,9626664794	0,9192787725
205	52,5124133857	42,5649590413	40	1,064123976	1,0161635451
206	52,7685714998	42,7725929878	44	0,9721043861	0,9282913095
207	53,0247296139	42,9802269344	35	1,2280064838	1,1726598123
208	53,280887728	43,1878608809	36	1,1996628023	1,1455935901
209	53,5370458421	43,3954948274	38	1,141986706	1,0905169752
210	53,7932039561	43,603128774	38	1,1474507572	1,0957347598
211	53,7944122491	43,6041081794	42	1,0381930519	0,9914013366
212	54,0493620702	43,8107627205	38	1,1529148084	1,1009525444
213	54,3043118913	44,0174172617	36	1,2227060351	1,1675982566
214	54,5592617124	44,2240718028	38	1,1637913632	1,1113388891
215	54,8142115335	44,4307263439	40	1,1107681586	1,0607054584
216	55,0691613546	44,6373808851	36	1,2399272468	1,1840433024
217	55,3241111756	44,8440354262	42	1,0677151292	1,0195928438
218	55,5790609967	45,0506899673	43	1,0476904644	1,0004706974
219	55,8340108178	45,2573445085	36	1,2571484586	1,2004883483
220	56,0889606389	45,4639990496	44	1,0332727057	0,986702752
221	56,34391046	45,6706535907	43	1,062108223	1,0142386428
222	56,5988602811	45,8773081319	41	1,1189587349	1,0685268827
223	56,5999984499	45,8782306968	46	0,9973528412	0,9524018081
224	56,8538101022	46,083962673	39	1,1816400685	1,1283831472
225	57,1076217544	46,2896946492	38	1,2181498592	1,1632474291
226	57,3614334066	46,4954266255	45	1,0332317028	0,9866635971
227	57,3625466156	46,4963289587	44	1,0567347491	1,0091073531
228	57,6152450589	46,7011586017	38	1,2289778579	1,1735874063
229	57,6163437478	46,7020491653	41	1,1390743699	1,0877358991
230	57,8679435021	46,9059882447	45	1,0423552943	0,9953759853
231	58,1195432565	47,109927324	41	1,1490226177	1,097235776
232	58,3711430108	47,3138664033	39	1,2131760616	1,1584978023
233	58,3722182235	47,3147379378	48	0,985723707	0,941296803
234	58,6227427652	47,5178054826	41	1,1589708654	1,1067356528
235	58,8732673069	47,7208730274	41	1,1639237324	1,1114652923
236	59,1237918487	47,9239405722	46	1,0418247951	0,9948693958
237	59,3743163904	48,127008117	45	1,0694890693	1,0212868317

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238	59,6248409321	48,3300756618	49	0,9863280747	0,9418739316
239	59,6258847844	48,3309217766	43	1,123974925	1,0733169914
240	59,8753654738	48,5331432066	47	1,0326200682	0,9860795292
241	59,8763963858	48,5339788324	44	1,1030449735	1,0533303599
242	60,1248461633	48,7353646367	42	1,1603658247	1,1080677408
243	60,3732959409	48,9367504409	50	0,9787350088	0,9346230878
244	60,6217457184	49,1381362452	41	1,1984911279	1,1444747236
245	60,8701954959	49,3395220495	42	1,174750525	1,1218041177
246	61,1186452735	49,5409078538	46	1,0769762577	1,02843657
247	61,367095051	49,7422936581	39	1,2754434271	1,2179587564
248	61,6155448285	49,9436794624	46	1,0857321622	1,036797843
249	61,8639946061	50,1450652666	43	1,1661643085	1,113604885
250	62,1124443836	50,3464510709	45	1,1188100238	1,068384874
251	62,1134302954	50,3472502209	45	1,1188277827	1,0684018325
252	62,3608941611	50,5478368752	49	1,0315885077	0,9850944614
253	62,6083580269	50,7484235295	40	1,2687105882	1,2115293688
254	62,8558218926	50,9490101837	41	1,242658785	1,1866517292
255	63,1032857583	51,149596838	47	1,0882892944	1,0392397243
256	63,350749624	51,3501834923	53	0,9688713866	0,9252040224
257	63,3517087863	51,3509609599	41	1,2524624624	1,1960135516
258	63,5982134897	51,5507701465	48	1,0739743781	1,0255699861
259	63,8447181932	51,7505793332	51	1,0147172418	0,9689835893
260	64,0912228966	51,9503885198	48	1,0822997608	1,0335201411
261	64,3377276001	52,1501977064	40	1,3037549427	1,2449942622
262	64,5842323035	52,350006893	46	1,1380436281	1,0867516132
263	64,5851660335	52,350763746	41	1,2768478962	1,2192999256
264	64,830737007	52,5498160796	50	1,0509963216	1,0036275585
265	65,0763079805	52,7488684132	47	1,1223163492	1,0717331682
266	65,321878954	52,9479207469	50	1,0589584149	1,0112307976
267	65,5674499275	53,1469730805	51	1,0420975114	0,9951298207
268	65,813020901	53,3460254142	53	1,0065287814	0,9611641855
269	65,8139304231	53,346762645	45	1,1854836143	1,1320534631
270	66,0585918745	53,5450777478	46	1,1640234293	1,1115604959
271	66,0594913652	53,5458068474	48	1,1155376427	1,0652599802
272	66,3032533259	53,7433928506	51	1,0537920167	1,0062972507
273	66,5470152867	53,9409788537	48	1,1237703928	1,0731216775
274	66,7907772474	54,1385648568	51	1,0615404874	1,0136964952
275	67,0345392082	54,3361508599	49	1,108901038	1,0589224895
276	67,2783011689	54,5337368631	45	1,2118608192	1,1572418383
277	67,2791780105	54,5344476041	50	1,0906889521	1,0415312286
278	67,5220631297	54,7313228662	56	0,9773450512	0,933295776
279	67,7649482489	54,9281981283	44	1,2483681393	1,192103761
280	68,007833368	55,1250733904	49	1,1250014978	1,0742972961
281	68,0086946628	55,1257715296	46	1,1983863376	1,1443746562
282	68,2507184872	55,3219486525	53	1,0438103519	0,996765463
283	68,2515706838	55,322639417	49	1,1290334575	1,0781475341
284	68,4927423116	55,5181257754	59	0,9409851826	0,8985746592
285	68,7339139395	55,7136121338	49	1,1370124925	1,0857669513
286	68,9750855674	55,9090984921	54	1,0353536758	0,9886899321
287	69,2162571952	56,1045848505	50	1,122091697	1,0715186411
288	69,4574288231	56,3000712089	49	1,1489810451	1,0971960771
289	69,6986004509	56,4955575672	46	1,2281642949	1,1728105108
290	69,9397720788	56,6910439256	53	1,0696423382	1,0214331928
291	70,1809437066	56,8865302839	52	1,0939717362	1,0446660565
292	70,4221153345	57,0820166423	51	1,1192552283	1,068810013
293	70,4229356462	57,0826815619	51	1,1192682659	1,068822463
294	70,6632869624	57,2775030007	47	1,2186702766	1,1637443911
295	70,9036382786	57,4723244395	54	1,0643023044	1,0163338362
296	71,1439895948	57,6671458782	49	1,1768805281	1,1238381209

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297	71,384340911	57,861967317	45	1,2858214959	1,2278690821
298	71,6246922272	58,0567887558	57	1,0185401536	0,9726342011
299	71,8650435433	58,2516101946	56	1,0402073249	0,9933248256
300	72,1053948595	58,4464316333	56	1,0436862792	0,9966469822
301	72,3457461757	58,6412530721	52	1,1277164052	1,0768898418
302	72,5860974919	58,8360745109	49	1,2007362145	1,1466186233
303	72,8264488081	59,0308959497	58	1,0177740681	0,9719026433
304	73,0668001243	59,2257173885	57	1,0390476735	0,9922174401
305	73,3071514405	59,4205388272	56	1,0610810505	1,0132577652
306	73,5475027567	59,615360266	48	1,2419866722	1,1860099088
307	73,5482831182	59,6159928031	58	1,0278619449	0,9815358561
308	73,7878540729	59,8101817048	58	1,0312100294	0,9847330413
309	74,0274250277	60,0043706064	55	1,0909885565	1,0418173297
310	74,2669959825	60,1985595081	49	1,2285420308	1,173171222
311	74,2677638381	60,1991819084	52	1,1576765752	1,1054996966
312	74,5065669373	60,3927484097	55	1,0980499711	1,048560484
313	74,5073274567	60,3933648635	50	1,2078672973	1,1534283058
314	74,7453700364	60,586314911	59	1,0268866934	0,9806045595
315	74,9834126162	60,7792649585	55	1,1050775447	1,0552713224
316	75,2214551959	60,972215006	51	1,1955336276	1,1416505188
317	75,2222037575	60,9728217671	54	1,129126329	1,0782362198
318	75,4594977756	61,1651650535	60	1,0194194176	0,9734738363
319	75,6967917938	61,3575083398	60	1,022625139	0,9765350748
320	75,934085812	61,5498516261	50	1,2309970325	1,1755155759
321	76,1713798301	61,7421949125	52	1,1873499022	1,1338356367
322	76,4086738483	61,9345381988	57	1,0865708456	1,0375987266
323	76,6459678665	62,1268814851	58	1,0711531291	1,0228758918
324	76,8832618846	62,3192247715	55	1,133076814	1,0820086551
325	77,1205559028	62,5115680578	50	1,2502313612	1,1938830068
326	77,3578499209	62,7039113441	64	0,9797486148	0,9355910102
327	77,5951439391	62,8962546305	47	1,3382181836	1,2779042332
328	77,8324379573	63,0885979168	60	1,051476632	1,0040862211
329	78,0697319754	63,2809412031	55	1,1505625673	1,0987063196
330	78,3070259936	63,4732844895	62	1,0237626531	0,9776213207
331	78,3077407346	63,4738638367	51	1,2445855654	1,188491669
332	78,5443200118	63,6656277758	57	1,1169408382	1,0665999332
333	78,7808992889	63,8573917149	57	1,1203051178	1,0698125836
334	79,017478566	64,049155654	59	1,0855789094	1,0366514973
335	79,2540578432	64,240919593	51	1,2596258744	1,2028541061
336	79,4906371203	64,4326835321	66	0,9762527808	0,9322527346
337	79,491337059	64,4332508811	55	1,1715136524	1,1187131321
338	79,7272163975	64,6244474712	56	1,1540079906	1,1019964564
339	79,9630957359	64,8156440614	54	1,2002897048	1,146192238
340	80,1989750744	65,0068406515	66	0,9849521311	0,9405600022
341	80,4348544128	65,1980372417	54	1,20737106	1,1529544341
342	80,6707337513	65,3892338318	57	1,1471795409	1,0954757673
343	80,9066130897	65,580430422	61	1,0750890233	1,0266343939
344	81,1424924282	65,7716270121	55	1,1958477639	1,1419504968
345	81,3783717667	65,9628236023	60	1,0993803934	1,0498309437
346	81,6142511051	66,1540201924	61	1,0844921343	1,0356137035
347	81,6149289193	66,1545696079	64	1,0336651501	0,9870775089
348	81,8501304436	66,3452167826	61	1,0876265046	1,0386068067
349	81,8508024479	66,3457614888	62	1,0700929272	1,0218634736
350	82,0853319678	66,5358639572	56	1,1881404278	1,134590533
351	82,3198614877	66,7259664257	63	1,0591423242	1,011406418
352	82,5543910076	66,9160688941	60	1,1152678149	1,0650023137
353	82,5550535204	66,9166059068	61	1,0969935395	1,0475516661
354	82,7889205275	67,1061713626	61	1,1001011699	1,0505192345
355	83,0227875347	67,2957368184	59	1,1406057088	1,08919822

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356	83,2566545418	67,4853022742	54	1,2497278199	1,1934021603
357	83,490521549	67,6748677301	62	1,0915301247	1,0423344893
358	83,7243885561	67,8644331859	66	1,0282489877	0,9819054547
359	83,7250381867	67,8649597566	67	1,0129098471	0,9672576544
360	83,9582555632	68,0539986417	56	1,2152499757	1,1604782444
361	84,1914729398	68,2430375268	61	1,1187383201	1,068316402
362	84,4246903164	68,4320764119	59	1,1598657019	1,1075901587
363	84,6579076929	68,6211152971	59	1,1630697508	1,1106498
364	84,8911250695	68,8101541822	67	1,0270172266	0,9807292095
365	85,1243424461	68,9991930673	57	1,2105121591	1,1559539627
366	85,3575598226	69,1882319524	63	1,098225904	1,0487284875
367	85,3581935655	69,188745645	60	1,1531457608	1,1011730876
368	85,5907771992	69,3772708375	64	1,0840198568	1,0351627118
369	85,8233608329	69,56579603	74	0,9400783247	0,8977086736
370	86,0559444666	69,7543212225	62	1,1250696971	1,0743624217
371	86,2885281003	69,942846415	60	1,1657141069	1,1131749741
372	86,5211111734	70,1313716075	61	1,1496946165	1,0978774876
373	86,5217336153	70,1318756856	63	1,113204376	1,0630318746
374	86,7536953677	70,3198968	65	1,0818445662	1,0330854622
375	86,98565712	70,5079179144	67	1,0523569838	1,0049268952
376	87,2176188723	70,6959390289	67	1,0551632691	1,0076067003
377	87,4495806246	70,8839601433	59	1,2014230533	1,147274506
378	87,6815423769	71,0719812577	59	1,2046098518	1,1503176745
379	87,6821528026	71,0724760502	58	1,2253875181	1,1701588843
380	87,9135041293	71,2600023722	63	1,1311111488	1,0801315831
381	88,1448554559	71,4475286942	64	1,1163676359	1,0660525653
382	88,3762067826	71,6350550162	67	1,0691799256	1,0209916213
383	88,37680926	71,635543366	65	1,1020852826	1,0524139226
384	88,6075581092	71,8225813383	61	1,1774193662	1,1243526733
385	88,8383069585	72,0096193105	64	1,1251503017	1,0744393935
386	89,0690558077	72,1966572827	73	0,9889953052	0,9444209491
387	89,299804657	72,383695255	66	1,0967226554	1,0472929908
388	89,5305535062	72,5707332272	65	1,1164728189	1,0661530077
389	89,5311451699	72,5712128118	74	0,980692065	0,9364919388
390	89,7613023554	72,7577711995	66	1,1023904727	1,0527053577
391	89,991459541	72,9443295871	64	1,1397551498	1,088385996
392	90,2216167265	73,1308879748	64	1,1426701246	1,0911695919
393	90,451773912	73,3174463625	65	1,1279607133	1,0771231388
394	90,6819310976	73,5040047502	67	1,0970746978	1,0476291665
395	90,9120882831	73,6905631379	60	1,2281760523	1,1728217383
396	91,1422454686	73,8771215256	70	1,0553874504	1,0078207776
397	91,142823753	73,8775902653	62	1,1915740365	1,1378693879
398	91,3724026541	74,0636799133	63	1,1756139669	1,122628644
399	91,6019815553	74,2497695613	68	1,0919083759	1,0426956926
400	91,8315604564	74,4358592093	69	1,0787805683	1,0301595597
401	91,8321315482	74,4363221189	66	1,1278230624	1,0769916919
402	92,0611393576	74,6219488574	59	1,2647787942	1,2077747821
403	92,2901471669	74,8075755958	74	1,0109131837	0,9653509814
404	92,5191549763	74,9932023343	67	1,1193015274	1,0688542254
405	92,7481627856	75,1788290727	66	1,1390731678	1,0877347512
406	92,9771705949	75,3644558112	62	1,2155557389	1,1607702267
407	93,2061784043	75,5500825496	63	1,1992076595	1,1451589608
408	93,4351862136	75,7357092881	74	1,0234555309	0,9773280407
409	93,4357447693	75,7361620362	63	1,2021613022	1,1479794818
410	93,664194023	75,9213360265	60	1,2653556004	1,2083255915
411	93,8926432767	76,1065100168	67	1,13591806	1,0847218451
412	94,1210925304	76,2916840071	75	1,0172224534	0,9713758901
413	94,3495417841	76,4768579974	65	1,1765670461	1,1235387676
414	94,5779910378	76,6620319878	74	1,0359734052	0,9892817301

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415	94,8064402916	76,8472059781	71	1,0823550138	1,0335729037
416	95,0348895453	77,0323799684	65	1,185113538	1,1317000662
417	95,263338799	77,2175539587	71	1,0875711825	1,038553978
418	95,4917880527	77,402727949	59	1,3119106432	1,2527823826
419	95,4923319795	77,4031688394	77	1,005235959	0,959929631
420	95,7202373064	77,5879019393	74	1,0484851613	1,0012295771
421	95,7207773664	77,5883396955	61	1,271939995	1,2146132251
422	95,9481426333	77,7726350392	77	1,0100342213	0,9645116341
423	96,1755079002	77,9569303828	76	1,025749084	0,9795182225
424	96,4028731671	78,1412257265	75	1,0418830097	0,9949249867
425	96,6302384341	78,3255210702	56	1,3986700191	1,3356314838
426	96,857603701	78,5098164139	73	1,0754769372	1,0270048244
427	97,0849689679	78,6941117576	72	1,0929737744	1,0437130732
428	97,3123342348	78,8784071013	73	1,0805261247	1,0318264433
429	97,5396995017	79,062702445	68	1,1626868007	1,1102841096
430	97,7670647686	79,2469977887	78	1,0159871511	0,9701962633
431	97,7675910771	79,2474243983	73	1,0855811561	1,0366536428
432	97,9944300355	79,4312931324	78	1,018349912	0,9724525337
433	97,9949527059	79,4317167931	63	1,2608209015	1,2039952729
434	98,2212689939	79,6151618665	70	1,1373594552	1,0860982762
435	98,4475852819	79,7986069399	78	1,0230590633	0,976949442
436	98,6739015699	79,9820520134	68	1,1762066473	1,1231946121
437	98,9002178579	80,1654970868	74	1,0833175282	1,0344920373
438	99,1265341459	80,3489421602	71	1,1316752417	1,0806702521
439	99,1270485011	80,3493590808	75	1,0713247877	1,0230398138
440	99,3528504339	80,5323872336	68	1,1842998123	1,1309230153
441	99,5786523667	80,7154153864	76	1,0620449393	1,0141782113
442	99,8044542995	80,8984435392	71	1,1394146977	1,0880608883
443	99,8049628624	80,8988557648	68	1,1896890554	1,1360693634
444	100,030256232	81,081471692	77	1,0530061259	1,0055467802
445	100,255549602	81,2640876193	74	1,0981633462	1,0486687492
446	100,480842972	81,4467035465	72	1,1312042159	1,0802204557
447	100,706136342	81,6293194737	69	1,1830336156	1,1297138866
448	100,931429712	81,811935401	70	1,1687419343	1,1160663363
449	100,931930364	81,8123412142	77	1,0624979379	1,014610793
450	101,156723082	81,9945513282	74	1,1080344774	1,0580949852
451	101,3815158	82,1767614423	65	1,2642578683	1,2072773345
452	101,606308518	82,3589715563	75	1,0981196208	1,0486269945
453	101,831101236	82,5411816704	76	1,0860681799	1,0371187162
454	102,055893954	82,7233917845	74	1,1178836728	1,0675002739
455	102,280686672	82,9056018985	78	1,062892332	1,0149874117
456	102,50547939	83,0878120126	80	1,0385976502	0,9917876994
457	102,505970203	83,0882098513	77	1,0790676604	1,0304337125
458	102,730272108	83,2700221267	82	1,0154880747	0,9697196805
459	102,954574012	83,451834402	76	1,0980504527	1,0485609438
460	103,178875916	83,6336466774	70	1,1947663811	1,1409178524
461	103,179361418	83,6340402105	72	1,1615838918	1,1092309092
462	103,40317782	83,8154589528	73	1,148156972	1,0964091452
463	103,403660183	83,8158499415	74	1,1326466208	1,0815978509
464	103,626994222	83,9968776951	73	1,1506421602	1,0987823252
465	103,850328261	84,1779054488	69	1,2199696442	1,1649851958
466	104,073662301	84,3589332024	78	1,0815247847	1,0327800933
467	104,07413951	84,3593200139	79	1,0678394939	1,0197116033
468	104,29699634	84,5399609561	84	1,0064281066	0,9610680482
469	104,51985317	84,7206018983	74	1,1448729986	1,0932731817
470	104,74271	84,9012428405	77	1,1026135434	1,0529183745
471	104,965566829	85,0818837827	71	1,1983363913	1,144326961
472	105,188423659	85,2625247249	82	1,0397868869	0,9929233369
473	105,411280489	85,4431656672	75	1,1392422089	1,0878961736

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474	105,634137319	85,6238066094	81	1,0570840322	1,0094408939
475	105,856994149	85,8044475516	74	1,1595195615	1,107259619
476	106,079850978	85,9850884938	76	1,1313827433	1,0803909368
477	106,302707808	86,165729436	77	1,1190354472	1,0686001375
478	106,525564638	86,3463703782	84	1,0279329807	0,9816036903
479	106,526028923	86,3467467135	91	0,9488653485	0,9060996633
480	106,748421468	86,5270113204	72	1,2017640461	1,1476001302
481	106,970814012	86,7072759274	73	1,1877709031	1,134237663
482	107,193206557	86,8875405343	73	1,1902402813	1,1365957454
483	107,415599102	87,0678051412	74	1,1765919614	1,1235625599
484	107,637991647	87,2480697481	83	1,0511815632	1,0038044513
485	107,860384191	87,428334355	68	1,2857107993	1,2277633746
486	108,082776736	87,608598962	78	1,1231871662	1,0725647371
487	108,083232458	87,6089683566	71	1,2339291318	1,1783155245
488	108,305169281	87,7888635689	82	1,0705958972	1,0223437745
489	108,527106103	87,9687587811	81	1,086034059	1,0370861332
490	108,749042925	88,1486539933	79	1,1158057468	1,0655160008
491	108,749494016	88,149019634	85	1,0370472898	0,9903072144
492	108,970979748	88,3285492056	75	1,1777139894	1,1246340178
493	109,192465479	88,5080787771	79	1,1203554276	1,0698606259
494	109,41395121	88,6876083487	85	1,0433836276	0,9963579713
495	109,635436941	88,8671379202	80	1,110839224	1,0607733209
496	109,856922672	89,0466674918	85	1,0476078528	1,0003918092
497	110,078408404	89,2261970633	77	1,15878178	1,1065550896
498	110,299894135	89,4057266349	88	1,0159741663	0,9701838637
499	110,300337106	89,406085694	80	1,1175760712	1,0672065361
500	110,521379866	89,5852562065	71	1,2617641719	1,2048960299
501	110,742422626	89,7644267189	89	1,0085890643	0,9631316108
502	110,963465385	89,9435972313	78	1,1531230414	1,1011513922
503	110,963903962	89,9439527283	81	1,1104191695	1,0603721984
504	111,184508145	90,1227677437	78	1,1554200993	1,1033449209
505	111,405112328	90,3015827591	88	1,0261543495	0,9799052226
506	111,625716511	90,4803977744	70	1,2925771111	1,2343202193
507	111,846320694	90,6592127898	80	1,1332401599	1,0821646389
508	112,066924877	90,8380278052	86	1,0562561373	1,0086503125
509	112,067357434	90,8383784228	80	1,1354797303	1,0843032711
510	112,287529059	91,0168428205	80	1,1377105353	1,086433533
511	112,507700685	91,1953072182	75	1,2159374296	1,1611347144
512	112,727872311	91,3737716159	79	1,1566300205	1,1045003105
513	112,948043936	91,5522360136	89	1,0286768091	0,9823139941
514	113,168215562	91,7307004113	79	1,1611481065	1,1088147648
515	113,388387187	91,909164809	85	1,0812842919	1,0325504396
516	113,608558813	92,0876292066	83	1,1094895085	1,0594844375
517	113,828730439	92,2660936043	96	0,9611051417	0,9177878048
518	114,048902064	92,444558002	83	1,1137898555	1,0635909664
519	114,26907369	92,6230223997	82	1,1295490537	1,0786398921
520	114,489245315	92,8014867974	84	1,1047796047	1,0549868107
521	114,4896671	92,8018286832	89	1,0427171762	0,995721557
522	114,709416941	92,9799511951	76	1,2234204105	1,1682804348
523	114,709836311	92,9802911235	75	1,239737215	1,1838618354
524	114,929166782	93,1580737069	91	1,0237150957	0,9775759068
525	115,148497253	93,3358562904	88	1,0606347306	1,0128315611
526	115,367827724	93,5136388738	79	1,1837169478	1,1303664208
527	115,587158195	93,6914214572	83	1,1288123067	1,0779363506
528	115,806488666	93,8692040406	80	1,1733650505	1,120481087
529	116,025819137	94,046986624	86	1,0935696119	1,0442820561
530	116,245149608	94,2247692074	94	1,0023911618	0,9572130499
531	116,464480079	94,4025517908	83	1,1373801421	1,0861180307
532	116,68381055	94,5803343742	76	1,2444780839	1,1883890317

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533	116,903141021	94,7581169576	96	0,9870637183	0,9425764195
534	117,122471491	94,935899541	77	1,2329337603	1,1773650147
535	117,341801962	95,1136821245	85	1,1189844956	1,0685514823
536	117,561132433	95,2914647079	71	1,3421333057	1,2816428994
537	117,780462904	95,4692472913	93	1,0265510461	0,98028404
538	117,999793375	95,6470298747	85	1,125259175	1,0745433598
539	118,219123846	95,8248124581	89	1,0766832861	1,0281568027
540	118,438454317	96,0025950415	82	1,1707633542	1,11799665
541	118,438858986	96,0029230537	78	1,2308067058	1,1753338273
542	118,657784788	96,1803776249	86	1,118376484	1,067970874
543	118,87671059	96,3578321962	82	1,1750955146	1,1221335585
544	119,095636393	96,5352867674	91	1,0608273271	1,0130154773
545	119,314562195	96,7127413387	80	1,2089092667	1,1544233133
546	119,533487997	96,89019591	81	1,1961752582	1,1422632308
547	119,533887497	96,8905197322	84	1,1534585682	1,1014717967
548	119,752413799	97,0676504812	92	1,0550831574	1,0075301992
549	119,970940102	97,2447812303	81	1,2005528547	1,1464435276
550	120,189466404	97,4219119793	97	1,004349608	0,9590832283
551	120,407992707	97,5990427284	90	1,0844338081	1,0355580061
552	120,626519009	97,7761734774	96	1,0185018071	0,9725975828
553	120,845045312	97,9533042265	89	1,1005989239	1,0509945546
554	121,063571614	98,1304349756	81	1,2114868516	1,1568847255
555	121,282097917	98,3075657246	88	1,1171314287	1,0667819338
556	121,50062422	98,4846964737	86	1,1451708892	1,0935576462
557	121,501015844	98,4850139123	86	1,1451745804	1,093561171
558	121,719150522	98,6618272227	86	1,1472305491	1,0955244765
559	121,9372852	98,8386405332	90	1,098207117	1,0487105473
560	122,155419879	99,0154538436	95	1,0422679352	0,9952925635
561	122,373554557	99,192267154	84	1,1808603233	1,1276385453
562	122,591689236	99,3690804645	95	1,0459903207	0,9988471798
563	122,592075999	99,3693939632	89	1,1165100445	1,0661885556
564	122,809823914	99,5458937749	98	1,0157744263	0,969993126
565	123,027571829	99,7223935865	98	1,0175754448	0,971712972
566	123,245319743	99,8988933982	88	1,1352146977	1,0840501837
567	123,463067658	100,07539321	91	1,0997295957	1,0501644073
568	123,680815573	100,251893022	83	1,2078541328	1,1534157346
569	123,681197587	100,25220267	93	1,0779806739	1,0293957168
570	123,898563488	100,428392833	96	1,046129092	0,9989796966
571	123,898943498	100,428700858	84	1,1955797721	1,1416945836
572	124,115929388	100,604582996	98	1,0265773775	0,9803091846
573	124,332915279	100,780465134	87	1,158396151	1,1061868409
574	124,54990117	100,956347272	92	1,0973516008	1,0478935895
575	124,76688706	101,13222941	93	1,087443327	1,0384318849
576	124,983872951	101,308111548	86	1,1780012971	1,1249083764
577	124,984248359	101,308415843	93	1,0893378048	1,040240978
578	125,200858841	101,483993687	93	1,0912257386	1,0420438219
579	125,417469324	101,65957153	86	1,1820880411	1,1288109294
580	125,634079806	101,835149374	97	1,0498469008	1,0025299425
581	125,850690288	102,010727218	95	1,0737971286	1,0254007254
582	126,067300771	102,186305062	82	1,246174452	1,1900089439
583	126,283911253	102,361882905	91	1,1248558561	1,0741582186
584	126,500521736	102,537460749	92	1,1145376168	1,0643050259
585	126,717132218	102,713038593	93	1,1044412752	1,0546637298
586	126,933742701	102,888616437	90	1,1432068493	1,0916821263
587	126,934111086	102,888915038	92	1,1183577722	1,0679530055
588	127,150353183	103,06419428	95	1,0848862556	1,0359900616
589	127,36659528	103,239473522	96	1,0754111825	1,0269420333
590	127,582837377	103,414752764	87	1,1886753191	1,1351013166
591	127,799079475	103,590032006	96	1,0790628334	1,0304291031

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592	128,015321572	103,765311248	93	1,1157560349	1,0654685295
593	128,015685616	103,765606331	98	1,0588327177	1,01111107655
594	128,231563669	103,94059049	93	1,117640758	1,0672683074
595	128,447441723	104,115574649	103	1,0108308218	0,9652723316
596	128,663319776	104,290558808	85	1,2269477507	1,1716487966
597	128,879197829	104,465542967	86	1,2147156159	1,1599679683
598	129,095075882	104,640527126	99	1,0569750215	1,0093367964
599	129,095435679	104,640818767	90	1,1626757641	1,1102735704
600	129,310953936	104,815511286	78	1,3437886062	1,2832235949
601	129,31131194	104,815801472	105	0,9982457283	0,9532544525
602	129,526472192	104,990203804	93	1,1289269226	1,0780458008
603	129,741632445	105,164606136	93	1,1308022165	1,0798365745
604	129,956792698	105,339008468	95	1,1088316681	1,0588562462
605	130,171952951	105,5134108	103	1,0244020466	0,9782318966
606	130,387113204	105,687813132	93	1,1364280982	1,0852088958
607	130,387467086	105,688099978	80	1,3211012497	1,2615587653
608	130,602273456	105,862215464	90	1,1762468385	1,1232329919
609	130,817079827	106,03633095	88	1,2049583063	1,150650424
610	131,031886198	106,210446436	99	1,0728327923	1,024479852
611	131,246692569	106,384561922	90	1,182050688	1,1287752599
612	131,46149894	106,558677408	109	0,977602545	0,9335416645
613	131,461848787	106,558960983	96	1,1099891769	1,0599615857
614	131,67630531	106,732792894	88	1,2128726465	1,1582080622
615	131,890761834	106,906624804	98	1,0908839266	1,0417174155
616	132,105218357	107,080456714	94	1,1391537948	1,0878117443
617	132,105565374	107,080737996	93	1,1514057849	1,099511533
618	132,31967488	107,254288624	96	1,1172321732	1,0668781377
619	132,320020218	107,254568545	99	1,0833794803	1,0345511972
620	132,533784387	107,427839253	99	1,0851296894	1,0362225238
621	132,747548555	107,601109962	94	1,1446926592	1,0931009702
622	132,961312723	107,77438067	87	1,2387859847	1,1829534774
623	133,175076892	107,947651379	96	1,1244547019	1,0737751445
624	133,38884106	108,120922087	105	1,0297230675	0,9833130972
625	133,602605229	108,294192796	98	1,1050427836	1,0552381281
626	133,816369397	108,467463504	110	0,98606785	0,9416254353
627	134,030133565	108,640734213	101	1,0756508338	1,0271708834
628	134,243897734	108,814004921	98	1,110346989	1,0603032711
629	134,457661902	108,98727563	88	1,2384917685	1,1826725216
630	134,67142607	109,160546338	100	1,0916054634	1,0424064324
631	134,671764305	109,1608205	100	1,091608205	1,0424090505
632	134,885190239	109,333817046	97	1,1271527531	1,0763515936
633	135,098616173	109,506813592	86	1,2733350418	1,2159453967
634	135,312042107	109,679810138	98	1,1191817361	1,0687398331
635	135,52546804	109,852806684	99	1,1096243099	1,0596131634
636	135,738893974	110,02580323	93	1,183073153	1,1297516421
637	135,952319908	110,198799776	87	1,266652871	1,2095643936
638	136,165745842	110,371796322	105	1,051159965	1,0037838264
639	136,379171776	110,544792868	101	1,0945028997	1,0451732803
640	136,59259771	110,717789414	102	1,0854685237	1,0365460867
641	136,592930149	110,718058879	105	1,0544577036	1,0069329349
642	136,806023644	110,89078596	89	1,2459638872	1,1898078694
643	136,806354535	110,89105417	103	1,0766121764	1,028088898
644	137,019117139	111,063513041	105	1,0577477433	1,0100746913
645	137,231879743	111,235971912	91	1,2223733177	1,1672805349
646	137,444642347	111,408430783	104	1,0712349114	1,0229539882
647	137,444970685	111,408696924	105	1,0610352088	1,0132139897
648	137,657404952	111,580889655	100	1,1158088966	1,0655190086
649	137,869839218	111,753082386	95	1,1763482356	1,123329819
650	138,082273485	111,925275116	106	1,0558988219	1,0083091014

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651	138,294707752	112,097467847	103	1,0883249306	1,0392737543
652	138,507142019	112,269660578	93	1,2072006514	1,1527917058
653	138,507466842	112,26992387	97	1,1574218956	1,1052564955
654	138,719576286	112,441853309	98	1,1473658501	1,0956536795
655	138,93168573	112,613782749	108	1,0427202106	0,9957244547
656	139,143795174	112,785712188	104	1,0844780018	1,035600208
657	139,355904618	112,957641627	111	1,0176364111	0,9717711905
658	139,568014061	113,129571067	105	1,0774244864	1,0288645969
659	139,568335439	113,129831566	112	1,0100877818	0,9645627806
660	139,780123505	113,301500506	99	1,1444596011	1,0928784161
661	139,780443427	113,301759825	92	1,2315408677	1,1760349002
662	139,991911571	113,473169446	97	1,1698264891	1,1171020098
663	140,203379716	113,644579068	108	1,052264621	1,0048386952
664	140,41484786	113,815988689	104	1,0943845066	1,0450602232
665	140,626316004	113,987398311	112	1,0177446278	0,9718745299
666	140,837784149	114,158807932	112	1,0192750708	0,9733359954
667	141,049252293	114,330217554	91	1,2563760171	1,199750721
668	141,260720437	114,501627175	95	1,2052802861	1,150957892
669	141,472188582	114,673036797	94	1,2199259234	1,1649434455
670	141,683656726	114,844446418	109	1,0536187745	1,0061318166
671	141,895124871	115,01585604	109	1,0551913398	1,0076335058
672	142,106593015	115,187265661	96	1,1998673506	1,1457889195
673	142,106906766	115,187519978	97	1,187500206	1,1339791662
674	142,318061159	115,358675283	106	1,0882893895	1,0392398151
675	142,529215553	115,529830587	100	1,1552983059	1,1032286168
676	142,740369946	115,700985892	101	1,1455543158	1,0939237916
677	142,740681383	115,701238333	105	1,1019165556	1,0522528002
678	142,95152434	115,872141196	96	1,2070014708	1,1526015024
679	143,162367296	116,04304406	91	1,2751982864	1,2177246642
680	143,373210252	116,213946923	105	1,1067994945	1,0569156634
681	143,584053208	116,384849786	119	0,9780239478	0,9339440745
682	143,794896165	116,555752649	97	1,2016056974	1,1474489183
683	143,795204414	116,556002507	103	1,1316116748	1,0806095503
684	144,005739121	116,726655512	111	1,0515914911	1,0041959035
685	144,216273827	116,897308517	111	1,0531289056	1,0056640262
686	144,426808533	117,067961522	112	1,0452496565	0,9981398975
687	144,63734324	117,238614527	98	1,1963123931	1,1423941851
688	144,847877946	117,409267533	111	1,0577411489	1,0100683942
689	145,058412652	117,579920538	119	0,9880665591	0,9435340619
690	145,268947359	117,750573543	94	1,252665676	1,1962076063
691	145,2692516	117,750820151	112	1,0513466085	1,0039620579
692	145,479482065	117,921226548	105	1,1230593005	1,0724426343
693	145,68971253	118,091632945	106	1,1140720089	1,0638604031
694	145,899942996	118,262039342	111	1,0654237779	1,0174047644
695	146,110173461	118,432445738	105	1,1279280547	1,0770919521
696	146,320403927	118,602852135	85	1,3953276722	1,3324397776
697	146,530634392	118,773258532	109	1,0896629223	1,0405514423
698	146,740864857	118,943664928	112	1,0619970083	1,0141324405
699	146,951095323	119,114071325	112	1,063518494	1,0155853523
700	147,161325788	119,284477722	108	1,1044859048	1,054706348
701	147,161625262	119,284720466	104	1,146968466	1,0952742056
702	147,371556254	119,454884119	106	1,126932869	1,0761416199
703	147,581487246	119,625047771	118	1,0137715913	0,9680805595
704	147,791418237	119,795211424	104	1,1518770329	1,0999615417
705	148,001349229	119,965375076	106	1,1317488215	1,0807405157
706	148,211280221	120,135538729	115	1,0446568585	0,9975738172
707	148,421211213	120,305702382	116	1,037118124	0,990374856
708	148,631142205	120,475866034	94	1,2816581493	1,2238933789
709	148,631437882	120,476105701	103	1,1696709291	1,116953461

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710	148,841073196	120,646029687	117	1,0311626469	0,9846877943
711	149,050708511	120,815953672	108	1,1186662377	1,0682475684
712	149,260343825	120,985877658	104	1,1633257467	1,1108942581
713	149,46997914	121,155801643	106	1,1429792608	1,0914647952
714	149,679614454	121,325725629	110	1,1029611421	1,0532503068
715	149,889249768	121,495649614	101	1,2029272239	1,1487108832
716	150,098885083	121,6655736	116	1,0488411517	1,0015695229
717	150,308520397	121,835497585	99	1,2306615918	1,1751952536
718	150,518155711	122,005421571	119	1,0252556435	0,9790470215
719	150,518446871	122,005657576	118	1,0339462507	0,9873459401
720	150,727791026	122,175345556	110	1,1106849596	1,0606260092
721	150,93713518	122,345033536	109	1,1224315003	1,0718431294
722	151,146479334	122,514721516	117	1,0471343719	0,9999396682
723	151,355823488	122,684409496	104	1,1796577836	1,1264902045
724	151,565167642	122,854097476	113	1,0872044024	1,0382037288
725	151,774511797	123,023785456	119	1,0338133232	0,9872190037
726	151,983855951	123,193473436	105	1,1732711756	1,1203914431
727	151,984143512	123,193706524	108	1,1406824678	1,0892715195
728	152,193200105	123,363161416	111	1,1113798326	1,061289564
729	152,402256699	123,532616308	111	1,1129064532	1,0627473794
730	152,611313292	123,7020712	110	1,1245642836	1,0738797874
731	152,820369886	123,871526092	101	1,2264507534	1,1711741992
732	153,029426479	124,040980984	125	0,9923278479	0,9476032929
733	153,029711298	124,041211849	102	1,2160903122	1,1612807066
734	153,238483073	124,210435876	105	1,1829565322	1,1296402773
735	153,447254848	124,379659903	111	1,1205374766	1,0700344699
736	153,656026623	124,54888393	114	1,0925340696	1,043293186
737	153,864798399	124,718107957	108	1,1547972959	1,1027501875
738	154,073570174	124,887331984	109	1,1457553393	1,094115755
739	154,073852298	124,887560665	107	1,1671734642	1,1145685576
740	154,282341949	125,056556011	114	1,0969873334	1,0475457398
741	154,490831601	125,225551357	113	1,10819072	1,0582441858
742	154,699321252	125,394546703	117	1,0717482624	1,0234442023
743	154,69960148	125,394773848	108	1,1610627208	1,1087332275
744	154,907810903	125,563542049	115	1,0918568874	1,0426465247
745	155,116020326	125,732310251	101	1,2448743589	1,1887674465
746	155,32422975	125,901078453	117	1,0760775936	1,027578409
747	155,532439173	126,069846654	107	1,1782228659	1,1251199591
748	155,740648596	126,238614856	129	0,9785939136	0,9344883518
749	155,94885802	126,407383058	99	1,2768422531	1,2192945368
750	156,157067443	126,576151259	112	1,1301442077	1,0792082224
751	156,157344317	126,576375685	118	1,0726811499	1,0243350442
752	156,365276866	126,744919461	109	1,1627974263	1,1103897492
753	156,573209415	126,913463237	110	1,1537587567	1,1017584556
754	156,781141964	127,082007013	115	1,1050609306	1,0552554571
755	156,989074513	127,250550789	119	1,0693323596	1,021137185
756	157,197007062	127,419094565	124	1,0275733433	0,9812602618
757	157,197281379	127,419316918	109	1,1689845589	1,1162980257
758	157,404939611	127,58763834	114	1,11918981	1,0687475431
759	157,612597843	127,755959763	119	1,0735794938	1,0251928995
760	157,820256074	127,924281186	114	1,1221428174	1,0715674575
761	157,820528592	127,92450208	111	1,1524729917	1,1005306405
762	158,027914306	128,092602608	122	1,0499393656	1,0026182399
763	158,23530002	128,260703137	116	1,1056957167	1,0558616332
764	158,442685735	128,428803665	113	1,1365380855	1,085313926
765	158,650071449	128,596904193	118	1,0898042728	1,0406864221
766	158,857457163	128,765004722	133	0,9681579302	0,9245227217
767	159,064842878	128,93310525	107	1,2049822921	1,1506733287
768	159,272228592	129,101205778	106	1,2179359036	1,1630431165

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769	159,272497924	129,101424091	115	1,1226210791	1,0720241637
770	159,479614306	129,269306307	119	1,0862966917	1,0373369289
771	159,686730689	129,437188523	121	1,0697288308	1,0215157871
772	159,893847071	129,605070739	115	1,1270006151	1,0762063126
773	159,894114663	129,605287641	114	1,1368884881	1,0856485357
774	160,100963453	129,772952955	115	1,1284604605	1,0776003622
775	160,307812243	129,940618269	117	1,110603575	1,0605482926
776	160,514661033	130,108283582	115	1,131376379	1,0803848593
777	160,721509823	130,275948896	124	1,0506124911	1,0032610274
778	160,928358613	130,44361421	112	1,1646751269	1,1121828212
779	161,135207403	130,611279524	120	1,0884273294	1,039371538
780	161,342056193	130,778944838	124	1,05466891	1,0071346221
781	161,548904983	130,946610152	111	1,1796991906	1,1265297452
782	161,755753773	131,114275466	118	1,1111379277	1,0610585619
783	161,962602563	131,28194078	117	1,1220678699	1,0714958879
784	162,169451353	131,449606094	124	1,0600774685	1,012299415
785	162,376300143	131,617271408	131	1,0047119955	0,9594292828
786	162,583148933	131,784936721	110	1,1980448793	1,1440485875
787	162,583411431	131,785149495	117	1,1263687991	1,0756029727
788	162,789997723	131,952602035	114	1,1574789652	1,105310993
789	162,996584014	132,120054576	117	1,1292312357	1,0783363983
790	163,203170306	132,287507117	119	1,1116597237	1,0615568404
791	163,409756597	132,454959657	110	1,2041359969	1,1498651764
792	163,616342889	132,622412198	111	1,1947965063	1,1409466198
793	163,822929181	132,789864739	111	1,1963050877	1,142387209
794	164,029515472	132,957317279	122	1,0898140761	1,0406957835
795	164,236101764	133,12476982	120	1,1093730818	1,0593732582
796	164,442688055	133,292222361	121	1,1015886146	1,0519396396
797	164,442946935	133,292432201	124	1,0749389694	1,026491103
798	164,649274347	133,459674901	113	1,1810590699	1,1278283344
799	164,855601758	133,626917602	107	1,2488496972	1,1925636149
800	165,06192917	133,794160302	118	1,1338488161	1,0827458628
801	165,268256581	133,961403002	114	1,1751000263	1,1221378669
802	165,474583992	134,128645703	125	1,0730291656	1,0246673747
803	165,680911404	134,295888403	122	1,1007859705	1,051173171
804	165,887238815	134,463131103	123	1,0931961878	1,0439254624
805	166,093566227	134,630373804	122	1,1035276541	1,053791286
806	166,299893638	134,797616504	115	1,172153187	1,1193238426
807	166,50622105	134,964859205	124	1,0884262839	1,0393705397
808	166,712548461	135,132101905	119	1,1355638816	1,0843836297
809	166,712803186	135,132308377	119	1,1355656166	1,0843852865
810	166,918875873	135,299344605	122	1,1090110214	1,059027516
811	166,919129657	135,299550315	117	1,156406413	1,1042867811
812	167,124948559	135,466380833	131	1,0340945102	0,9874875175
813	167,330767461	135,633211352	116	1,169251822	1,1165532431
814	167,536586363	135,80004187	125	1,086400335	1,0374359009
815	167,742405265	135,966872388	127	1,0706052944	1,0223527482
816	167,948224168	136,133702906	116	1,1735664044	1,1206733658
817	168,15404307	136,300533425	115	1,1852220298	1,1318036682
818	168,359861972	136,467363943	123	1,1094907638	1,0594856362
819	168,565680874	136,634194461	128	1,0674546442	1,0193440989
820	168,771499776	136,801024979	119	1,1495884452	1,0977761015
821	168,771750164	136,801227936	124	1,1032357092	1,0535124991
822	168,977318678	136,967855498	120	1,1413987958	1,0899555624
823	168,977568155	136,968057716	121	1,1319674191	1,0809492611
824	169,182887193	137,134483059	135	1,0158109856	0,9700280377
825	169,388206231	137,300908403	120	1,1441742367	1,0926059132
826	169,593525268	137,467333746	122	1,1267814242	1,0759970006
827	169,593773238	137,467534743	121	1,1360953285	1,0848911241

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828	169,798844306	137,63375909	125	1,1010700727	1,0514444686
829	169,79909138	137,63395936	127	1,0837319635	1,0348877938
830	170,003915374	137,799983436	122	1,129508061	1,078600747
831	170,208739369	137,966007513	118	1,1692034535	1,1165070546
832	170,413563363	138,132031589	131	1,0544429892	1,0069188837
833	170,618387358	138,298055666	122	1,1335906202	1,0824993039
834	170,823211352	138,464079742	128	1,081750623	1,0329957531
835	171,028035346	138,630103819	115	1,2054791636	1,1511478061
836	171,232859341	138,796127895	120	1,1566343991	1,1045044918
837	171,437683335	138,962151971	122	1,1390340326	1,0876973798
838	171,64250733	139,128176048	129	1,0785129926	1,0299040438
839	171,642751168	139,128373696	133	1,0460779977	0,9989309052
840	171,847331324	139,294200124	128	1,0882359385	1,0391887732
841	172,05191148	139,460026553	128	1,0895314575	1,0404259026
842	172,256491637	139,625852982	131	1,065846206	1,0178081535
843	172,461071793	139,79167941	126	1,1094577731	1,0594541324
844	172,665651949	139,957505839	123	1,1378659011	1,0865818964
845	172,870232106	140,123332268	121	1,1580440683	1,1058506268
846	173,074812262	140,289158697	122	1,1499111369	1,0980842493
847	173,279392418	140,454985125	115	1,2213476967	1,166301139
848	173,483972575	140,620811554	127	1,1072504847	1,0573463273
849	173,688552731	140,786637983	135	1,0428639851	0,9958617492
850	173,893132887	140,952464411	130	1,0842497262	1,0353822209
851	174,097713044	141,11829084	124	1,1380507326	1,0867583975
852	174,3022932	141,284117269	129	1,0952257153	1,0458635183
853	174,302532755	141,284311445	125	1,1302744916	1,0793326343
854	174,506873356	141,449943698	125	1,1315995496	1,0805979715
855	174,711213958	141,61557595	128	1,1063716871	1,0565071374
856	174,915554559	141,781208203	127	1,1163874662	1,0660715019
857	174,915792718	141,781401247	135	1,0502326018	1,0028982599
858	175,11989516	141,946840455	124	1,1447325843	1,0931390959
859	175,120132488	141,947032827	130	1,0919002525	1,0426879353
860	175,323997602	142,112279663	120	1,1842689972	1,1308935891
861	175,527862715	142,2775265	124	1,1473994073	1,0956857242
862	175,731727829	142,442773337	116	1,2279549426	1,172610594
863	175,731963784	142,442964595	119	1,1969997025	1,1430505172
864	175,935592942	142,608020174	124	1,1500646788	1,0982308711
865	176,139222101	142,773075753	131	1,0898708073	1,0407499579
866	176,342851259	142,938131332	128	1,116704151	1,0663739136
867	176,546480418	143,10318691	126	1,1357395787	1,0845514081
868	176,750109576	143,268242489	139	1,0307067805	0,984252474
869	176,953738735	143,433298068	120	1,1952774839	1,1414059196
870	177,157367893	143,598353647	123	1,1674662898	1,1148481855
871	177,360997052	143,763409226	136	1,0570838914	1,0094407594
872	177,56462621	143,928464805	137	1,0505727358	1,0032230639
873	177,768255369	144,093520384	124	1,1620445192	1,109670776
874	177,971884527	144,258575963	139	1,0378314818	0,9910560625
875	178,175513686	144,423631542	131	1,1024704698	1,0527817493
876	178,379142844	144,588687121	131	1,103730436	1,0539849284
877	178,379374768	144,588875111	132	1,095370266	1,0460015541
878	178,582772003	144,7537427	127	1,1397932496	1,0884223787
879	178,786169237	144,918610288	132	1,0978682598	1,0483869624
880	178,989566472	145,083477877	121	1,1990370072	1,1449959999
881	178,989797081	145,083664801	131	1,1075088916	1,0575930877
882	179,192963707	145,248345465	131	1,1087659959	1,0587935339
883	179,193193533	145,248531755	134	1,0839442668	1,0350905286
884	179,396130332	145,413026129	127	1,1449844577	1,0933796173
885	179,599067131	145,577520502	133	1,0945678233	1,0452352778
886	179,80200393	145,742014876	130	1,1210924221	1,0705644039

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887	179,802232463	145,742200117	137	1,0638116797	1,0158653241
888	180,004940729	145,906509249	124	1,1766653972	1,123632686
889	180,207648996	146,070818381	134	1,0900807342	1,0409504233
890	180,410357262	146,235127513	135	1,0832231668	1,0344019288
891	180,613065529	146,399436645	134	1,0925331093	1,043292269
892	180,815773795	146,563745777	136	1,0776746013	1,0291034391
893	181,018482062	146,728054909	126	1,1645083723	1,1120235823
894	181,221190329	146,892364041	146	1,0061120825	0,9607662674
895	181,423898595	147,056673173	122	1,205382567	1,1510555631
896	181,626606862	147,220982305	126	1,1684204945	1,1157593839
897	181,829315128	147,385291438	144	1,0235089683	0,9773790696
898	182,032023395	147,54960057	115	1,283040005	1,2252129538
899	182,234731662	147,713909702	136	1,086131689	1,0371793629
900	182,437439928	147,878218834	137	1,0794030572	1,0307539928
901	182,640148195	148,042527966	130	1,1387886767	1,0874630822
902	182,842856461	148,206837098	127	1,1669829693	1,1143866484
903	183,045564728	148,37114623	138	1,0751532336	1,0266957102
904	183,248272995	148,535455362	120	1,2377954614	1,1820075973
905	183,450981261	148,699764494	144	1,0326372534	0,9860959398
906	183,653689528	148,864073626	137	1,0865990776	1,0376256861
907	183,653912775	148,864254583	139	1,0709658603	1,0226970633
908	183,856397794	149,028382758	140	1,0644884483	1,0165115904
909	184,058882814	149,192510933	137	1,0889964302	1,0399149892
910	184,261367833	149,356639108	124	1,2044890251	1,1502022934
911	184,261589857	149,356819073	140	1,066834422	1,0187518303
912	184,463852853	149,520767282	140	1,0680054806	1,0198701089
913	184,66611585	149,684715492	121	1,2370637644	1,1813088781
914	184,868378846	149,848663702	135	1,1099901015	1,0599624686
915	185,070641843	150,012611912	132	1,1364591812	1,0852385778
916	185,272904839	150,176560121	126	1,1918774613	1,1381591371
917	185,475167836	150,340508331	140	1,0738607738	1,0254615021
918	185,677430832	150,504456541	140	1,0750318324	1,0265797807
919	185,677650683	150,504634745	123	1,2236149166	1,1684661745
920	185,879693829	150,668404751	135	1,1160622574	1,0657609504
921	186,081736974	150,832174756	138	1,0929867736	1,0437254865
922	186,28378012	150,995944761	135	1,1184884797	1,068077822
923	186,485823265	151,159714766	125	1,2092777181	1,1547751585
924	186,687866411	151,323484771	132	1,1463900362	1,0947218458
925	186,889909556	151,487254776	145	1,0447396881	0,9976529136
926	187,091952702	151,651024782	131	1,1576414106	1,1054661169
927	187,293995847	151,814794787	142	1,0691182732	1,0209327475
928	187,496038993	151,978564792	142	1,070271583	1,0220340774
929	187,496256243	151,978740889	129	1,1781297743	1,1250310631
930	187,698082138	152,142334797	141	1,079023651	1,0303916867
931	187,899908033	152,305928705	143	1,0650764245	1,0170730664
932	188,101733928	152,469522614	143	1,0662204379	1,0181655187
933	188,303559822	152,633116522	130	1,1741008963	1,121183768
934	188,505385717	152,796710431	125	1,2223736834	1,1672808842
935	188,707211612	152,960304339	148	1,0335155699	0,9869346702
936	188,909037507	153,123898247	132	1,1600295322	1,1077466051
937	188,909252673	153,124072655	144	1,0633616157	1,0154355446
938	189,110863402	153,287492156	144	1,0644964733	1,0165192538
939	189,31247413	153,450911657	132	1,1625069065	1,1101123233
940	189,514084859	153,614331158	132	1,1637444933	1,1112945515
941	189,514298883	153,61450464	140	1,0972464617	1,047793189
942	189,715695587	153,777750659	142	1,0829419061	1,0341333446
943	189,917092292	153,940996679	130	1,1841615129	1,1307909492
944	190,118488996	154,104242699	141	1,0929378915	1,0436788075
945	190,319885701	154,267488719	139	1,1098380483	1,0598172686

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946	190,521282405	154,430734739	139	1,1110124801	1,0609387683
947	190,521494849	154,430906939	142	1,0875415982	1,038525727
948	190,722679109	154,593980758	125	1,2367518461	1,1810110181
949	190,92386337	154,757054578	135	1,1463485524	1,0946822318
950	191,125047631	154,920128397	129	1,2009312279	1,1468048474
951	191,326231891	155,083202217	144	1,0769666821	1,028427426
952	191,527416152	155,246276036	152	1,0213570792	0,9753241669
953	191,527627037	155,246446973	156	0,9951695319	0,9503169013
954	191,728600413	155,409349855	135	1,1511803693	1,099296277
955	191,929573788	155,572252738	121	1,285721097	1,2277732082
956	192,130547164	155,73515562	135	1,1535937453	1,1016008813
957	192,33152054	155,898058503	142	1,0978736514	1,0483921111
958	192,532493916	156,060961385	141	1,106815329	1,0569307842
959	192,733467291	156,223864268	139	1,1239126926	1,0732575638
960	192,934440667	156,38676715	144	1,0860192163	1,0370719594
961	193,135414043	156,549670032	154	1,0165562989	0,9707397594
962	193,336387418	156,712572915	138	1,1355983545	1,0844165489
963	193,537360794	156,875475797	137	1,1450764657	1,0934674784
964	193,73833417	157,03837868	137	1,1462655378	1,0946029586
965	193,939307545	157,201281562	138	1,1391397215	1,0877983053
966	194,140280921	157,364184445	147	1,0705046561	1,0222566457
967	194,140488538	157,364352733	136	1,1570908289	1,1049403502
968	194,341254297	157,527087327	135	1,1668673135	1,1142762053
969	194,542020055	157,689821921	139	1,1344591505	1,0833286892
970	194,742785814	157,852556516	146	1,0811818939	1,0324526568
971	194,742992363	157,852723938	148	1,066572459	1,0185016741
972	194,943551573	158,01529111	129	1,2249247373	1,1697169611
973	195,144110782	158,177858282	136	1,1630724874	1,1106524132
974	195,344669991	158,340425454	141	1,1229817408	1,0723685703
975	195,545229201	158,502992626	143	1,1084125359	1,0584560044
976	195,74578841	158,665559798	140	1,1333254271	1,0822460632
977	195,745993481	158,665726022	138	1,1497516378	1,0979319389
978	195,94634762	158,82812697	132	1,2032433861	1,1490127959
979	196,146701758	158,990527918	141	1,1275923966	1,0767714223
980	196,347055897	159,152928865	148	1,0753576275	1,026890892
981	196,547410036	159,315329813	148	1,0764549312	1,0279387399
982	196,747764174	159,477730761	139	1,147321804	1,0956116186
983	196,747967786	159,477895803	141	1,1310489064	1,080072146
984	196,948118313	159,640131709	143	1,1163645574	1,0660496256
985	197,14826884	159,802367615	154	1,0376777118	0,990909223
986	197,348419367	159,964603521	136	1,17621032	1,1231981193
987	197,548569893	160,126839428	150	1,0675122629	1,0193991207
988	197,74872042	160,289075334	132	1,2143111768	1,1595817574
989	197,948870947	160,45131124	134	1,1973978451	1,1434307154
990	198,149021474	160,613547146	142	1,1310813179	1,0801030967
991	198,149223238	160,61371069	140	1,1472407907	1,0955342565
992	198,349172	160,775783052	143	1,1243061752	1,073633312
993	198,549120762	160,937855414	140	1,1495561101	1,0977452237
994	198,749069524	161,099927776	143	1,1265729215	1,0757978953
995	198,949018287	161,262000138	148	1,089608109	1,0404990995
996	199,148967049	161,4240725	132	1,2229096402	1,1677926851
997	199,149167398	161,424234897	148	1,0907042899	1,0415458751
998	199,348915811	161,586144862	151	1,0701069196	1,0218768354
999	199,548664223	161,748054827	139	1,1636550707	1,1112087393
1000	199,748412636	161,909964792	152	1,0651971368	1,0171883381