#### **Model Evaluation**

Model: Linear Regression

RMSE: 1068.064259813237

R2 Score: 0.5802892470738665

Model: Ridge

RMSE: 1067.6091017910878

R2 Score: 0.5806468922426502

Model: Lasso

RMSE: 1068.86069667095

R2 Score: 0.5796630717460309

Model: SVM

RMSE: 1604.61024868352

R2 Score: 0.05268491297800859

Model: Decision Tree

RMSE: 1493.1870223043095

R2 Score: 0.17967916167914844

Model: Random Forest

RMSE: 1092.7081943230057

R2 Score: 0.5606974437996933

Model: XGBoost

RMSE: 1129.3487773626427

R2 Score: 0.5307421974230476

#### **Test Results**

	item_identifier	outlet_identifier prediction
0	1103	9 1.862792e+03
1	1067	2 -5.781290e+14
2	1406	0 -7.008015e+14
3	809	2 2.596292e+03
4	1184	5 -5.781290e+14
5	461	8 -5.781290e+14
6	604	3 -5.781290e+14
7	266	5 2.764823e+03
8	668	7 -5.781290e+14
9	170	2 3.067042e+03
10	943	2 2.002792e+03
11	807	7 1.322292e+03
12	1279	4 -7.008015e+14
13	966	9 2.073292e+03
14	119	1 -3.088766e+15
15	626	9 -5.781290e+14
16	500	7 3.075792e+03
17	9	3 -1.226725e+14
18	1386	5 -7.008015e+14

19	178	0 1.107167e+03
20	165	1 -2.966093e+15
21	1346	6 -7.008015e+14
22	420	8 7.882917e+02
23	1367	4 -7.008015e+14
24	867	6 3.026542e+03
25	1121	0 -5.781290e+14
26	1304	6 -7.008015e+14
27	1291	8 -7.008015e+14
28	13	8 -1.226725e+14
29	327	6 2.011542e+03
30	1459	4 -7.008015e+14
31	1146	3 -5.781290e+14
32	1452	3 -7.008015e+14
33	981	5 -5.781290e+14
34	1005	2 2.729792e+03
35	814	5 -5.781290e+14
36	899	5 2.766823e+03
37	307	0 -9.133334e+01
38	1303	2 -7.008015e+14
39	1288	5 -7.008015e+14
40	1289	3 -7.008015e+14
41	1168	0 -2.383334e+01
42	1532	2 -7.008015e+14
43	1367	3 -7.008015e+14

44	740	0 1.534667e+03
45	250	1 -2.966093e+15
46	823	0 -1.031833e+03
47	1470	6 -7.008015e+14
48	380	6 4.036792e+03
49	984	8 2.008292e+03
50	65	8 -1.226725e+14
51	613	1 -2.966093e+15
52	884	2 -5.781290e+14
53	514	2 -5.781290e+14
54	1042	5 -5.781290e+14
55	392	9 3.100292e+03
56	149	1 -3.544222e+15
57	912	1 -2.966093e+15
58	610	4 -5.781290e+14
59	349	7 -5.781290e+14
60	1066	6 -5.781290e+14
61	606	2 -5.781290e+14
62	1530	5 -7.008015e+14
63	816	2 1.664292e+03
64	672	7 2.369042e+03
65	213	5 -5.781290e+14
66	159	2 2.719292e+03
67	1363	8 -7.008015e+14
68	487	1 -2.966093e+15

69	1511	7 -7.008015e+14
70	1515	9 -7.008015e+14
71	257	5 3.182823e+03
72	1213	3 -5.781290e+14
73	61	9 -1.226725e+14
74	1311	7 -7.008015e+14
75	14	7 -7.008015e+14
76	1023	4 6.991666e+01
77	228	8 2.332792e+03
78	139	4 -1.226725e+14
79	153	1 -2.966093e+15
80	11	6 -1.226725e+14
81	1072	3 -5.781290e+14
82	1323	8 -7.008015e+14
83	1004	1 -3.544222e+15
84	1175	2 2.960542e+03
85	1052	6 -5.781290e+14
86	956	8 3.668792e+03
87	205	8 -5.781290e+14
88	851	7 7.050417e+02
89	190	0 -5.781290e+14
90	671	7 -5.781290e+14
91	1107	5 5.003323e+03
92	779	5 3.197323e+03
93	985	3 1.343667e+03

94	1478	1 -3.666895e+15
95	1223	8 8.452917e+02
96	682	2 2.345542e+03
97	146	3 -5.781290e+14
98	1230	7 -5.781290e+14
99	1484	1 -3.666895e+15
100	940	3 -5.781290e+14
101	575	2 -5.781290e+14
102	1221	2 -5.781290e+14
103	398	8 -5.781290e+14
104	3	4 -1.226725e+14
105	1278	5 -7.008015e+14
106	1115	4 2.050917e+03
107	625	9 -5.781290e+14
108	504	5 -5.781290e+14
109	969	3 3.676667e+03
110	211	0 6.056667e+02
111	744	8 3.018292e+03
112	710	0 -6.768333e+02
113	332	5 -5.781290e+14
114	702	6 -5.781290e+14
115	114	5 -1.226725e+14
116	883	8 -5.781290e+14
117	1123	1 -2.966093e+15
118	1204	6 -5.781290e+14

119	603	7 1.806292e+03
120	908	5 4.309823e+03
121	1409	2 -7.008015e+14
122	695	6 1.538292e+03
123	275	9 -5.781290e+14
124	180	3 3.174667e+03
125	1230	5 -5.781290e+14
126	554	7 1.880042e+03
127	1074	3 4.031667e+02
128	620	3 1.503167e+03
129	620	1 -2.966093e+15
130	1105	3 -5.781290e+14
131	327	1 -2.966093e+15
132	1386	6 -7.008015e+14
133	1201	0 -3.633333e+02
134	85	9 -1.226725e+14
135	931	4 5.209167e+02
136	783	3 4.066667e+02
137	859	9 1.339792e+03
138	267	4 -4.185833e+02
139	1026	1 -2.966093e+15
140	45	0 -1.226725e+14
141	801	8 -5.781290e+14
142	131	9 -1.226725e+14
143	1525	6 -7.008015e+14

144	349	6 -5.781290e+14
145	1269	7 -7.008015e+14
146	1306	6 -7.008015e+14
147	507	5 4.445823e+03
148	1272	2 -7.008015e+14
149	1284	5 -7.008015e+14
150	603	9 1.999792e+03
151	623	7 3.830542e+03
152	1329	0 -7.008015e+14
153	121	6 -1.226725e+14
154	1321	3 -7.008015e+14
155	878	1 -2.966093e+15
156	717	3 -5.781290e+14
157	888	9 1.174292e+03
158	108	7 -1.226725e+14
159	83	9 -1.226725e+14
160	1010	2 -5.781290e+14
161	1394	6 -7.008015e+14
162	430	1 -2.966093e+15
163	875	8 2.920292e+03
164	1040	9 1.355292e+03
165	1240	0 -1.283333e+02
166	879	5 -5.781290e+14
167	564	9 2.850292e+03
168	898	7 2.341792e+03

169	553	0 -5.781290e+14
170	290	7 -5.781290e+14
171	1327	2 -7.008015e+14
172	1426	0 -7.008015e+14
173	646	0 -5.781290e+14
174	1026	2 2.527792e+03
175	430	3 3.346167e+03
176	869	5 3.478823e+03
177	843	5 4.324323e+03
178	732	5 -5.781290e+14
179	48	5 -1.226725e+14
180	239	6 -5.781290e+14
181	385	3 2.852167e+03
182	406	6 -5.781290e+14
183	1294	2 -7.008015e+14
184	1388	0 -7.008015e+14
185	1396	9 -7.008015e+14
186	373	6 3.285542e+03
187	361	1 -3.544222e+15
188	87	9 -1.226725e+14
189	1318	6 -7.008015e+14
190	637	8 1.641792e+03
191	954	3 3.478667e+03
192	1026	8 2.422292e+03
193	496	4 -5.781290e+14

194	866	6 -5.781290e+14
195	1276	5 -7.008015e+14
196	770	4 -5.781290e+14
197	248	2 -5.781290e+14
198	1246	8 2.724292e+03
199	1234	4 -9.710833e+02
200	896	5 -5.781290e+14
201	20	7 -1.226725e+14
202	1043	2 3.123292e+03
203	591	7 2.407292e+03
204	186	3 1.690167e+03
205	664	8 1.895792e+03
206	623	9 3.977292e+03
207	695	2 1.468792e+03
208	577	6 -5.781290e+14
209	353	8 1.863292e+03
210	465	5 -5.781290e+14
211	1280	4 -7.008015e+14
212	814	3 -5.781290e+14
213	198	2 -5.781290e+14
214	847	1 -2.966093e+15
215	1393	2 -7.008015e+14
216	641	4 -5.781290e+14
217	951	5 -5.781290e+14
218	591	8 2.448792e+03

219	1540	8 -7.008015e+14
220	84	4 -1.226725e+14
221	1089	1 -3.544222e+15
222	669	8 -5.781290e+14
223	860	6 2.999042e+03
224	1319	7 -7.008015e+14
225	241	6 1.520792e+03
226	1132	3 -5.781290e+14
227	1261	8 -7.008015e+14
228	818	4 2.201417e+03
229	270	2 1.668792e+03
230	1189	1 -2.966093e+15
231	159	0 7.321667e+02
232	316	6 1.659792e+03
233	1072	7 -5.781290e+14
234	1034	8 -5.781290e+14
235	907	9 -5.781290e+14
236	1506	2 -7.008015e+14
237	1361	8 -7.008015e+14
238	401	4 -5.781290e+14
239	411	2 -5.781290e+14
240	280	0 -1.277833e+03
241	1410	2 -7.008015e+14
242	509	0 -5.781290e+14
243	1085	2 1.801792e+03

244	1072	0 -5.781290e+14
245	1168	2 2.020292e+03
246	27	1 -3.088766e+15
247	1280	9 -7.008015e+14
248	459	0 -5.781290e+14
249	689	2 -5.781290e+14
250	991	7 -5.781290e+14
251	1111	0 8.816667e+02
252	451	4 -5.781290e+14
253	1103	2 1.813292e+03
254	265	2 3.666292e+03
255	1458	6 -7.008015e+14
256	61	6 -1.226725e+14
257	269	5 -5.781290e+14
258	1164	8 1.247792e+03
259	1181	1 -3.544222e+15
260	487	2 2.987042e+03
261	1487	9 -7.008015e+14
262	1179	3 -5.781290e+14
263	243	5 3.916323e+03
264	958	9 -5.781290e+14
265	1491	8 -7.008015e+14
266	1498	3 -7.008015e+14
267	1528	2 -7.008015e+14
268	800	9 1.903792e+03

269	424	5 -5.781290e+14
270	557	2 3.484292e+03
271	1282	7 -7.008015e+14
272	1518	5 -7.008015e+14
273	1481	1 -3.666895e+15
274	134	6 -1.226725e+14
275	492	6 1.413792e+03
276	177	9 2.882292e+03
277	746	7 -5.781290e+14
278	1154	8 -5.781290e+14
279	914	3 -5.781290e+14
280	64	5 -1.226725e+14
281	170	3 2.683167e+03
282	1306	2 -7.008015e+14
283	399	9 -5.781290e+14
284	406	5 -5.781290e+14
285	969	9 4.067292e+03
286	1191	4 -5.781290e+14
287	499	9 1.554292e+03
288	16	1 -3.666895e+15
289	625	8 -5.781290e+14
290	447	1 -2.966093e+15
291	143	1 -3.088766e+15
292	1444	8 -7.008015e+14
293	695	5 2.830323e+03

294	962	5 3.846323e+03
295	1262	1 -3.666895e+15
296	996	7 2.060042e+03
297	1387	7 -7.008015e+14
298	836	0 -5.781290e+14
299	110	3 -1.226725e+14
300	1333	0 -7.008015e+14
301	25	2 -1.226725e+14
302	1314	8 -7.008015e+14
303	433	6 1.824292e+03
304	630	6 1.632292e+03
305	628	6 -5.781290e+14
306	1492	5 -7.008015e+14
307	1441	8 -7.008015e+14
308	867	1 -2.966093e+15
309	211	5 3.951823e+03
310	472	1 -3.544222e+15
311	1511	1 -3.666895e+15
312	1271	3 -7.008015e+14
313	1058	2 -5.781290e+14
314	1288	2 -7.008015e+14
315	644	3 -5.781290e+14
316	188	2 3.820792e+03
317	572	8 2.922292e+03
318	761	7 -5.781290e+14

1071	3 1.730667e+03
902	9 1.747292e+03
1478	3 -7.008015e+14
1373	1 -3.666895e+15
237	7 -5.781290e+14
375	6 -5.781290e+14
725	5 -5.781290e+14
294	0 -5.781290e+14
1210	7 1.996292e+03
1234	6 1.078542e+03
309	3 4.336667e+02
1528	4 -7.008015e+14
764	2 3.542292e+03
1047	2 4.302792e+03
1172	4 -5.781290e+14
1422	2 -7.008015e+14
822	2 -5.781290e+14
901	2 1.143792e+03
743	7 1.611292e+03
1269	5 -7.008015e+14
373	2 3.212792e+03
666	3 2.723167e+03
126	2 -1.226725e+14
658	9 2.791792e+03
112	8 -7.008015e+14
	902 1478 1373 237 375 725 294 1210 1234 309 1528 764 1047 1172 1422 822 901 743 1269 373 666 126 658

344	1052	9 -5.781290e+14
345	66	5 -1.226725e+14
346	146	2 -5.781290e+14
347	384	5 4.974323e+03
348	1129	8 -5.781290e+14
349	1150	9 -5.781290e+14
350	1256	7 -7.008015e+14
351	717	1 -3.544222e+15
352	578	4 -2.320833e+02
353	126	6 -1.226725e+14
354	825	1 -3.544222e+15
355	1274	3 -7.008015e+14
356	1297	7 -7.008015e+14
357	1172	2 -5.781290e+14
358	437	9 2.880792e+03
359	529	1 -2.966093e+15
360	674	0 1.605167e+03
361	1159	6 -5.781290e+14
362	1231	6 -5.781290e+14
363	1479	7 -7.008015e+14
364	141	3 -7.008015e+14
365	1538	3 -7.008015e+14
366	262	3 1.498667e+03
367	221	6 1.815292e+03
368	1157	1 -3.544222e+15

369	628	8 -5.781290e+14
370	1235	2 -5.781290e+14
371	940	4 -5.781290e+14
372	1271	4 -7.008015e+14
373	584	5 3.900323e+03
374	609	2 -5.781290e+14
375	963	8 1.616792e+03
376	561	2 4.281292e+03
377	775	0 1.716667e+03
378	898	2 2.530292e+03
379	729	7 3.297792e+03
380	1072	9 -5.781290e+14
381	1173	6 3.051042e+03
382	29	2 -1.226725e+14
383	1041	4 -1.169083e+03
384	289	7 1.709042e+03
385	639	4 -4.425833e+02
386	1416	0 -7.008015e+14
387	627	8 -5.781290e+14
388	1401	9 -7.008015e+14
389	976	7 -5.781290e+14
390	1242	8 -5.781290e+14
391	756	1 -3.544222e+15
392	1389	7 -7.008015e+14
393	1064	4 8.989167e+02

394	737	2 2.153542e+03
395	556	8 -5.781290e+14
396	680	9 -5.781290e+14
397	645	7 -5.781290e+14
398	1238	5 3.258823e+03
399	1254	3 -7.008015e+14
400	297	8 1.947292e+03
401	1358	6 -7.008015e+14
402	490	5 -5.781290e+14
403	949	4 -5.781290e+14
404	1475	8 -7.008015e+14
405	932	6 3.145292e+03
406	944	9 9.952917e+02
407	918	7 2.924542e+03
408	718	7 1.404292e+03
409	1487	0 -7.008015e+14
410	1462	9 -7.008015e+14
411	1413	3 -7.008015e+14
412	964	7 -5.781290e+14
413	918	3 2.718667e+03
414	320	8 1.801792e+03
415	1360	4 -7.008015e+14
416	416	9 3.469292e+03
417	67	6 -1.226725e+14
418	697	4 -5.781290e+14

419	284	5 4.335323e+03
420	239	8 -5.781290e+14
421	454	5 -5.781290e+14
422	1032	8 1.083292e+03
423	398	6 -5.781290e+14
424	885	1 -3.544222e+15
425	1374	3 -7.008015e+14
426	26	6 -1.226725e+14
427	30	9 -1.226725e+14
428	1371	7 -7.008015e+14
429	746	1 -3.544222e+15
430	668	3 -5.781290e+14
431	1249	8 -5.781290e+14
432	344	0 9.056667e+02
433	506	1 -2.966093e+15
434	799	3 -5.781290e+14
435	631	5 4.914323e+03
436	694	0 -5.781290e+14
437	639	1 -2.966093e+15
438	814	7 -5.781290e+14
439	1193	3 -5.781290e+14
440	811	7 -5.781290e+14
441	1064	9 2.909292e+03
442	719	9 -5.781290e+14
443	525	3 -5.781290e+14

444	875	3 2.631167e+03
445	993	1 -3.544222e+15
446	1008	6 2.852042e+03
447	652	8 3.833292e+03
448	1390	5 -7.008015e+14
449	661	3 -5.781290e+14
450	1177	0 4.296667e+02
451	1059	0 -5.781290e+14
452	284	8 2.863792e+03
453	1025	2 2.124292e+03
454	77	7 -1.226725e+14
455	655	6 1.722792e+03
456	382	5 -5.781290e+14
457	994	6 -5.781290e+14
458	230	9 -5.781290e+14
459	1016	9 -5.781290e+14
460	809	1 -2.966093e+15
461	1254	2 -7.008015e+14
462	459	9 -5.781290e+14
463	626	3 -5.781290e+14
464	1433	5 -7.008015e+14
465	1413	4 -7.008015e+14
466	630	2 1.582792e+03
467	1364	2 -7.008015e+14
468	540	1 -3.544222e+15

469	765	2 -5.781290e+14
470	785	9 4.061292e+03
471	779	3 1.490667e+03
472	992	1 -3.544222e+15
473	444	0 -5.781290e+14
474	1030	4 -5.781290e+14
475	625	7 -5.781290e+14
476	855	8 -5.781290e+14
477	1039	9 3.252292e+03
478	987	4 -5.781290e+14
479	774	0 -5.781290e+14
480	1107	7 3.489792e+03
481	1471	3 -7.008015e+14
482	1199	5 -5.781290e+14
483	203	9 3.886292e+03
484	332	2 -5.781290e+14
485	806	2 -5.781290e+14
486	180	9 3.589292e+03
487	1216	7 2.728292e+03
488	1278	7 -7.008015e+14
489	1497	8 -7.008015e+14
490	1258	3 -7.008015e+14
491	1189	8 4.075292e+03
492	1275	7 -7.008015e+14
493	644	1 -3.544222e+15

494	580	0 -5.781290e+14
495	194	5 3.433323e+03
496	943	6 2.052292e+03
497	1475	5 -7.008015e+14
498	1125	9 3.021292e+03
499	556	1 -3.544222e+15
500	0	8 -1.226725e+14
501	715	0 -5.781290e+14
502	349	1 -3.544222e+15
503	1325	7 -7.008015e+14
504	1012	6 8.847917e+02
505	223	3 3.041167e+03
506	251	0 -1.558333e+02
507	289	8 1.805292e+03
508	864	5 3.303823e+03
509	79	7 -1.226725e+14
510	409	3 3.207167e+03
511	969	2 4.072542e+03
512	292	4 -9.420833e+02
513	1431	2 -7.008015e+14
514	865	9 2.897292e+03
515	1142	7 -5.781290e+14
516	270	4 -2.760833e+02
517	780	6 -5.781290e+14
518	583	7 -5.781290e+14

519	631	4 1.586417e+03
520	183	7 -5.781290e+14
521	1223	3 5.766667e+02
522	912	8 6.962917e+02
523	10	9 -7.008015e+14
524	825	5 -5.781290e+14
525	768	5 -5.781290e+14
526	339	6 2.809292e+03
527	68	5 -1.226725e+14
528	916	4 -5.781290e+14
529	281	6 2.992292e+03
530	844	7 -5.781290e+14
531	1109	2 -5.781290e+14
532	816	6 1.709292e+03
533	183	2 -5.781290e+14
534	956	4 1.771417e+03
535	366	2 3.191292e+03
536	822	7 -5.781290e+14
537	1174	9 -5.781290e+14
538	1060	2 -5.781290e+14
539	570	2 3.680292e+03
540	684	9 2.594792e+03
541	616	4 -5.781290e+14
542	757	9 1.524792e+03
543	225	4 -6.690833e+02

544	1442	9 -7.008015e+14
545	735	5 5.337823e+03
546	1130	3 -5.781290e+14
547	727	0 1.184667e+03
548	660	8 -5.781290e+14
549	378	9 -5.781290e+14
550	876	2 -5.781290e+14
551	1386	1 -3.666895e+15
552	568	4 7.099167e+02
553	38	5 -1.226725e+14
554	449	3 2.319667e+03
555	766	3 1.331167e+03
556	98	5 -1.226725e+14
557	1481	4 -7.008015e+14
558	339	9 2.762292e+03
559	466	9 -5.781290e+14
560	1327	7 -7.008015e+14
561	953	9 -5.781290e+14
562	19	3 -1.226725e+14
563	1054	1 -2.966093e+15
564	738	9 -5.781290e+14
565	429	1 -3.544222e+15
566	819	5 4.043823e+03
567	1425	7 -7.008015e+14
568	374	9 1.815792e+03

569	107	1 -3.088766e+15
570	73	7 -1.226725e+14
571	955	1 -2.966093e+15
572	302	3 -5.781290e+14
573	754	3 -5.781290e+14
574	641	5 -5.781290e+14
575	714	0 -5.781290e+14
576	1082	0 -1.998333e+02
577	1172	7 -5.781290e+14
578	195	0 1.813167e+03
579	636	6 2.386292e+03
580	1329	2 -7.008015e+14
581	1066	4 -5.781290e+14
582	1143	5 -5.781290e+14
583	1504	5 -7.008015e+14
584	1126	2 -5.781290e+14
585	124	7 -1.226725e+14
586	172	7 3.744792e+03
587	841	8 -5.781290e+14
588	1237	8 3.174792e+03
589	394	2 -5.781290e+14
590	555	1 -2.966093e+15
591	1045	7 1.342292e+03
592	659	7 2.482792e+03
593	737	5 3.496823e+03

594	487	7 2.818292e+03
595	141	1 -3.666895e+15
596	186	2 2.066292e+03
597	194	1 -2.966093e+15
598	1414	5 -7.008015e+14
599	803	3 -5.781290e+14
600	497	5 3.397823e+03
601	1236	5 3.369323e+03
602	1209	3 2.349667e+03
603	1156	9 -5.781290e+14
604	1316	2 -7.008015e+14
605	79	5 -1.226725e+14
606	791	1 -3.544222e+15
607	1069	6 -5.781290e+14
608	979	8 -5.781290e+14
609	835	0 -5.781290e+14
610	803	0 -5.781290e+14
611	890	8 1.886292e+03
612	1077	3 -5.781290e+14
613	1114	3 -5.781290e+14
614	1425	1 -3.666895e+15
615	1092	0 4.201667e+02
616	1400	9 -7.008015e+14
617	662	9 9.702917e+02
618	1370	5 -7.008015e+14

619	813	4 -1.170833e+02
620	281	0 9.496667e+02
621	886	0 -5.781290e+14
622	974	7 1.861042e+03
623	498	1 -3.544222e+15
624	63	9 -1.226725e+14
625	1129	1 -3.544222e+15
626	1430	3 -7.008015e+14
627	233	7 3.033292e+03
628	198	9 -5.781290e+14
629	1423	6 -7.008015e+14
630	509	2 -5.781290e+14
631	410	8 -5.781290e+14
632	1263	2 -7.008015e+14
633	622	9 -5.781290e+14
634	1076	3 1.119667e+03
635	213	0 -5.781290e+14
636	129	1 -3.088766e+15
637	380	4 1.978417e+03
638	435	7 1.358792e+03
639	1448	3 -7.008015e+14
640	68	3 -1.226725e+14
641	95	1 -3.088766e+15
642	92	5 -1.226725e+14
643	1167	6 -5.781290e+14

788	7 -5.781290e+14
1227	7 2.321792e+03
372	7 -5.781290e+14
148	9 -5.781290e+14
408	8 1.060292e+03
336	4 1.005917e+03
1456	5 -7.008015e+14
1033	6 -5.781290e+14
143	3 -1.226725e+14
1373	6 -7.008015e+14
821	9 -5.781290e+14
1279	8 -7.008015e+14
134	1 -3.088766e+15
1145	4 -1.115833e+02
1031	5 4.292823e+03
1255	5 -7.008015e+14
1105	9 -5.781290e+14
1110	2 3.029792e+03
24	1 -3.088766e+15
295	8 3.629792e+03
1084	1 -2.966093e+15
523	2 -5.781290e+14
1049	6 2.813792e+03
1085	8 1.735292e+03
449	8 2.616292e+03
	1227 372 148 408 336 1456 1033 143 1373 821 1279 134 1145 1031 1255 1105 1110 24 295 1084 523 1049 1085

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670	677	2 -5.781290e+14
671	579	3 3.610667e+03
672	470	1 -3.544222e+15
673	736	3 1.773167e+03
674	973	0 -5.781290e+14
675	1431	7 -7.008015e+14
676	1161	1 -2.966093e+15
677	732	3 -5.781290e+14
678	1398	9 -7.008015e+14
679	564	1 -2.966093e+15
680	251	9 1.843292e+03
681	526	5 5.610823e+03
682	1478	6 -7.008015e+14
683	1325	4 -7.008015e+14
684	1006	3 -5.781290e+14
685	861	7 -5.781290e+14
686	268	8 -5.781290e+14
687	960	1 -3.544222e+15
688	1136	7 -5.781290e+14
689	1524	0 -7.008015e+14
690	1363	5 -7.008015e+14
691	294	6 -5.781290e+14
692	1401	7 -7.008015e+14
693	1522	9 -7.008015e+14

694	1003	4 -5.781290e+14
695	784	8 1.695292e+03
696	805	7 3.857792e+03
697	242	7 -5.781290e+14
698	1160	6 2.983292e+03
699	789	7 -5.781290e+14
700	1027	8 3.522792e+03
701	506	6 2.020792e+03
702	6	9 -1.226725e+14
703	570	4 1.652917e+03
704	1196	5 2.529323e+03
705	208	8 3.114292e+03
706	937	6 7.650417e+02
707	1027	2 3.643792e+03
708	1393	5 -7.008015e+14
709	272	2 -5.781290e+14
710	768	3 -5.781290e+14
711	975	2 2.785792e+03
712	1520	6 -7.008015e+14
713	1281	6 -7.008015e+14
714	1062	7 1.651292e+03
715	1488	2 -7.008015e+14
716	1291	1 -3.666895e+15
717	1050	0 -5.781290e+14
718	189	2 -5.781290e+14

719	1454	7 -7.008015e+14
720	547	9 1.624292e+03
721	1442	0 -7.008015e+14
722	1203	4 -5.781290e+14
723	1078	6 -5.781290e+14
724	286	3 3.477667e+03
725	1088	1 -3.544222e+15
726	75	7 -1.226725e+14
727	902	1 -2.966093e+15
728	990	5 4.569323e+03
729	1309	1 -3.666895e+15
730	455	7 -5.781290e+14
731	1426	9 -7.008015e+14
732	458	9 -5.781290e+14
733	39	0 -1.226725e+14
734	1029	5 -5.781290e+14
735	1340	9 -7.008015e+14
736	648	3 2.971667e+03
737	804	9 -5.781290e+14
738	770	2 -5.781290e+14
739	895	9 -5.781290e+14
740	1340	7 -7.008015e+14
741	298	6 2.020292e+03
742	1173	7 2.863792e+03
743	1000	8 2.487792e+03

744	109	2 -1.226725e+14
745	1369	2 -7.008015e+14
746	660	6 -5.781290e+14
747	1305	5 -7.008015e+14
748	540	6 -5.781290e+14
749	944	2 1.030292e+03
750	1279	5 -7.008015e+14
751	728	3 -5.781290e+14
752	992	8 -5.781290e+14
753	59	6 -1.226725e+14
754	982	9 2.081292e+03
755	1175	9 2.962792e+03
756	1436	1 -3.666895e+15
757	1539	9 -7.008015e+14
758	118	1 -3.088766e+15
759	467	3 -5.781290e+14
760	1198	7 -5.781290e+14
761	10	1 -3.666895e+15
762	1498	2 -7.008015e+14
763	831	9 -5.781290e+14
764	1228	3 2.785667e+03
765	751	6 2.154292e+03
766	1110	5 4.354823e+03
767	905	7 2.192792e+03
768	1313	9 -7.008015e+14

769	552	3 -5.781290e+14
770	460	9 -5.781290e+14
771	87	3 -1.226725e+14
772	184	8 -5.781290e+14
773	923	0 -1.246833e+03
774	338	4 -5.781290e+14
775	480	2 2.870792e+03
776	208	3 2.859167e+03
777	1015	2 -5.781290e+14
778	724	8 -5.781290e+14
779	296	5 4.022323e+03
780	531	5 2.324323e+03
781	1236	1 -2.966093e+15
782	137	6 -1.226725e+14
783	7	7 -7.008015e+14
784	828	3 2.510667e+03
785	1297	0 -7.008015e+14
786	699	8 1.489292e+03
787	1295	3 -7.008015e+14
788	783	6 7.995417e+02
789	1154	7 -5.781290e+14
790	865	2 2.944792e+03
791	406	3 -5.781290e+14
792	804	3 -5.781290e+14
793	192	2 4.024542e+03

794	720	9 -5.781290e+14
795	316	3 1.199167e+03
796	674	2 3.617792e+03
797	866	1 -3.544222e+15
798	1260	3 -7.008015e+14
799	729	0 1.456167e+03
800	270	7 1.532542e+03
801	1390	2 -7.008015e+14
802	580	3 -5.781290e+14
803	151	4 -4.080833e+02
804	182	7 1.434042e+03
805	249	2 2.935542e+03
806	328	9 2.626292e+03
807	290	8 -5.781290e+14
808	1255	9 -7.008015e+14
809	560	8 2.348792e+03
810	10	8 -7.008015e+14
811	1433	9 -7.008015e+14
812	1127	9 1.719792e+03
813	358	9 -5.781290e+14
814	1227	8 2.400792e+03
815	282	9 -5.781290e+14
816	722	2 2.692792e+03
817	496	2 -5.781290e+14
818	722	7 2.575292e+03

819	1110	1 -2.966093e+15
820	1353	0 -7.008015e+14
821	378	6 -5.781290e+14
822	993	0 -5.781290e+14
823	1342	3 -7.008015e+14
824	13	4 -1.226725e+14
825	12	6 -1.226725e+14
826	1005	6 2.715542e+03
827	980	6 -5.781290e+14
828	1430	8 -7.008015e+14
829	217	3 6.256667e+02
830	342	1 -3.544222e+15
831	65	0 -1.226725e+14
832	188	7 3.639292e+03
833	998	8 -5.781290e+14
834	632	1 -2.966093e+15
835	637	5 3.103823e+03
836	843	7 2.850792e+03
837	627	7 -5.781290e+14
838	803	9 -5.781290e+14
839	69	3 -1.226725e+14
840	616	5 -5.781290e+14
841	601	4 6.824167e+02
842	1459	3 -7.008015e+14
843	119	8 -1.226725e+14

844	1138	1 -2.966093e+15
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846	996	3 1.841667e+03
847	1163	7 -5.781290e+14
848	1403	3 -7.008015e+14
849	1390	3 -7.008015e+14
850	782	5 3.431823e+03
851	1115	6 4.136792e+03
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853	402	9 -5.781290e+14
854	56	2 -1.226725e+14
855	1165	3 3.916667e+03
856	765	6 -5.781290e+14
857	1006	2 -5.781290e+14
858	1273	4 -7.008015e+14
859	96	2 -1.226725e+14
860	864	9 1.923792e+03
861	615	5 -5.781290e+14
862	760	7 -5.781290e+14
863	971	6 -5.781290e+14
864	433	1 -2.966093e+15
865	34	0 -1.226725e+14
866	1371	5 -7.008015e+14
867	828	7 2.758292e+03
868	1508	6 -7.008015e+14

869	691	1 -3.544222e+15
870	1384	9 -7.008015e+14
871	1035	4 5.634167e+02
872	390	2 1.121292e+03
873	1298	9 -7.008015e+14
874	145	6 -5.781290e+14
875	116	0 -1.226725e+14
876	831	3 -5.781290e+14
877	1104	9 1.474292e+03
878	877	9 -5.781290e+14
879	1075	2 9.632917e+02
880	976	6 -5.781290e+14
881	158	5 4.397323e+03
882	463	5 3.328323e+03
883	1085	3 1.417667e+03
884	493	5 4.202823e+03
885	958	3 -5.781290e+14
886	376	5 3.175823e+03
887	991	4 -5.781290e+14
888	330	4 3.734167e+02
889	568	9 2.701792e+03
890	408	7 9.695417e+02
891	275	7 -5.781290e+14
892	596	1 -2.966093e+15
893	738	1 -3.544222e+15

894	1069	7 -5.781290e+14
895	1107	2 3.677292e+03
896	809	5 3.926823e+03
897	950	8 -5.781290e+14
898	315	9 -5.781290e+14
899	1386	3 -7.008015e+14
900	187	3 3.886667e+02
901	1240	6 1.967292e+03
902	345	7 2.357792e+03
903	1538	4 -7.008015e+14
904	229	2 -5.781290e+14
905	161	5 -5.781290e+14
906	287	1 -2.966093e+15
907	590	1 -3.544222e+15
908	1413	9 -7.008015e+14
909	528	2 6.910417e+02
910	821	6 -5.781290e+14
911	1304	0 -7.008015e+14
912	552	8 -5.781290e+14
913	1453	8 -7.008015e+14
914	269	8 -5.781290e+14
915	1260	2 -7.008015e+14
916	847	0 1.885167e+03
917	1380	9 -7.008015e+14
918	378	5 -5.781290e+14

919	1122	9 1.692792e+03
920	314	5 3.047323e+03
921	1127	1 -2.966093e+15
922	1286	1 -3.666895e+15
923	1003	3 -5.781290e+14
924	482	8 -5.781290e+14
925	1386	8 -7.008015e+14
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928	1382	9 -7.008015e+14
929	417	3 -5.781290e+14
930	8	0 -7.008015e+14
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933	360	8 -5.781290e+14
934	833	5 4.303323e+03
935	465	9 -5.781290e+14
936	1389	0 -7.008015e+14
937	363	1 -2.966093e+15
938	521	0 -5.781290e+14
939	623	6 4.033292e+03
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942	1385	5 -7.008015e+14
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951	835	5 -5.781290e+14
952	939	2 1.512292e+03
953	1034	5 -5.781290e+14
954	1196	6 1.204042e+03
955	212	1 -2.966093e+15
956	114	3 -1.226725e+14
957	5	8 -1.226725e+14
958	531	8 9.012917e+02
959	803	6 -5.781290e+14
960	737	6 2.142292e+03
961	1021	5 -5.781290e+14
962	1462	7 -7.008015e+14
963	689	0 -5.781290e+14
964	905	3 2.007667e+03
965	653	9 1.989792e+03
966	1025	9 2.117792e+03
967	1176	9 -5.781290e+14
968	62	1 -3.088766e+15

969	304	4 -4.310833e+02
970	1366	5 -7.008015e+14
971	1382	1 -3.666895e+15
972	365	5 4.556823e+03
973	328	2 2.669042e+03
974	783	2 7.547917e+02
975	860	1 -2.966093e+15
976	1084	5 2.196323e+03
977	521	8 -5.781290e+14
978	1309	6 -7.008015e+14
979	320	1 -2.966093e+15
980	1291	7 -7.008015e+14
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983	1474	2 -7.008015e+14
984	1228	7 3.004042e+03
985	597	2 -5.781290e+14
986	1225	2 -5.781290e+14
987	823	6 1.054792e+03
988	1405	9 -7.008015e+14
989	1277	5 -7.008015e+14
990	542	2 -5.781290e+14
991	765	1 -3.544222e+15
992	1024	6 -5.781290e+14
993	295	6 3.822042e+03

994	35	5 -1.226725e+14
995	570	8 3.578292e+03
996	145	2 -5.781290e+14
997	643	9 1.854292e+03
998	352	6 2.399042e+03
999	630	7 1.376792e+03
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1001	788	5 -5.781290e+14
1002	957	5 3.462323e+03
1003	991	9 -5.781290e+14
1004	1422	6 -7.008015e+14
1005	392	7 2.966292e+03
1006	519	1 -2.966093e+15
1007	754	7 -5.781290e+14
1008	524	7 -5.781290e+14
1009	1279	2 -7.008015e+14
1010	1539	8 -7.008015e+14
1011	560	4 4.704167e+02
1012	1000	1 -2.966093e+15
1013	260	8 -5.781290e+14
1014	1456	2 -7.008015e+14
1015	1396	2 -7.008015e+14
1016	225	6 1.383542e+03
1017	393	1 -2.966093e+15
1018	833	6 2.968292e+03

1019	1476	3 -7.008015e+14
1020	1132	5 -5.781290e+14
1021	869	8 2.025792e+03
1022	1537	5 -7.008015e+14
1023	216	0 -5.781290e+14
1024	732	1 -3.544222e+15
1025	739	8 -5.781290e+14
1026	881	3 3.840667e+03
1027	853	8 -5.781290e+14
1028	90	8 -1.226725e+14
1029	996	5 3.560323e+03
1030	333	6 1.115292e+03
1031	1478	9 -7.008015e+14
1032	107	3 -1.226725e+14
1033	571	8 1.421292e+03
1034	816	8 1.549292e+03
1035	697	5 -5.781290e+14
1036	566	9 4.215792e+03
1037	197	7 -5.781290e+14
1038	932	5 4.473323e+03
1039	521	7 -5.781290e+14
1040	250	5 3.185323e+03
1041	1438	7 -7.008015e+14
1042	728	0 -5.781290e+14
1043	196	5 5.006823e+03

1044	1051	1 -2.966093e+15
1045	1071	9 2.070292e+03
1046	1342	4 -7.008015e+14
1047	261	3 9.236667e+02
1048	323	5 -5.781290e+14
1049	411	1 -3.544222e+15
1050	382	6 -5.781290e+14
1051	874	5 -5.781290e+14
1052	906	4 -5.781290e+14
1053	162	2 -5.781290e+14
1054	630	9 1.527792e+03
1055	602	8 2.026792e+03
1056	1245	9 2.682792e+03
1057	1183	9 -5.781290e+14
1058	715	8 -5.781290e+14
1059	811	8 -5.781290e+14
1060	156	3 1.790667e+03
1061	584	8 2.454792e+03
1062	617	3 3.086667e+03
1063	1362	2 -7.008015e+14
1064	110	0 -1.226725e+14
1065	1293	5 -7.008015e+14
1066	413	9 6.862917e+02
1067	87	7 -1.226725e+14
1068	555	6 4.191542e+03

1069	1281	4 -7.008015e+14
1070	691	4 -5.781290e+14
1071	554	8 1.926292e+03
1072	942	5 2.313823e+03
1073	299	3 -5.781290e+14
1074	155	9 3.568292e+03
1075	583	5 -5.781290e+14
1076	1378	9 -7.008015e+14
1077	287	7 1.913292e+03
1078	174	7 -5.781290e+14
1079	600	7 1.210792e+03
1080	1019	7 1.588292e+03
1081	349	8 -5.781290e+14
1082	1365	0 -7.008015e+14
1083	1346	7 -7.008015e+14
1084	859	7 1.204042e+03
1085	1254	6 -7.008015e+14
1086	876	5 -5.781290e+14
1087	1063	6 -5.781290e+14
1088	591	6 2.597792e+03
1089	897	3 1.158167e+03
1090	259	8 3.233792e+03
1091	950	6 -5.781290e+14
1092	561	6 4.307292e+03
1093	1314	7 -7.008015e+14

1094	1207	8 -5.781290e+14
1095	358	5 -5.781290e+14
1096	687	1 -2.966093e+15
1097	562	3 1.056167e+03
1098	734	9 4.131292e+03
1099	1288	3 -7.008015e+14
1100	1428	1 -3.666895e+15
1101	1243	8 -5.781290e+14
1102	66	6 -1.226725e+14
1103	377	7 -5.781290e+14
1104	1336	7 -7.008015e+14
1105	634	5 -5.781290e+14
1106	862	1 -2.966093e+15
1107	97	2 -1.226725e+14
1108	949	0 -5.781290e+14
1109	1008	8 2.754292e+03
1110	1313	2 -7.008015e+14
1111	1099	8 -5.781290e+14
1112	892	6 7.827917e+02
1113	666	2 3.133292e+03
1114	171	7 -5.781290e+14
1115	154	8 3.938292e+03
1116	598	8 -5.781290e+14
1117	533	7 1.885292e+03
1118	1121	1 -3.544222e+15

1540	7 -7.008015e+14
312	5 -5.781290e+14
301	2 -5.781290e+14
900	1 -2.966093e+15
1394	1 -3.666895e+15
920	1 -3.544222e+15
1466	5 -7.008015e+14
1414	0 -7.008015e+14
390	3 7.376667e+02
1264	1 -3.666895e+15
442	2 -5.781290e+14
5	5 -1.226725e+14
181	3 1.096667e+03
210	7 1.463292e+03
488	2 -5.781290e+14
1253	0 -7.008015e+14
440	1 -2.966093e+15
1381	3 -7.008015e+14
920	5 -5.781290e+14
200	3 1.122167e+03
1436	5 -7.008015e+14
523	1 -3.544222e+15
703	7 1.860292e+03
964	1 -3.544222e+15
372	2 -5.781290e+14
	312 301 900 1394 920 1466 1414 390 1264 442 5 181 210 488 1253 440 1381 920 200 1436 523 703 964

1144	1159	1 -3.544222e+15
1145	100	3 -1.226725e+14
1146	926	5 -5.781290e+14
1147	970	3 -5.781290e+14
1148	946	1 -3.544222e+15
1149	498	4 -5.781290e+14
1150	858	3 -5.781290e+14
1151	311	6 8.185417e+02
1152	1195	2 3.602792e+03
1153	912	9 7.452917e+02
1154	999	9 -5.781290e+14
1155	399	6 -5.781290e+14
1156	1485	7 -7.008015e+14
1157	55	8 -1.226725e+14
1158	73	6 -1.226725e+14
1159	656	6 2.373542e+03
1160	600	3 9.756667e+02
1161	1477	9 -7.008015e+14
1162	1266	1 -3.666895e+15
1163	573	6 2.051292e+03
1164	1157	4 -5.781290e+14
1165	1436	8 -7.008015e+14
1166	380	1 -2.966093e+15
1167	611	7 -5.781290e+14
1168	1059	7 -5.781290e+14

1169	371	7 -5.781290e+14
1170	1183	2 -5.781290e+14
1171	768	2 -5.781290e+14
1172	760	5 -5.781290e+14
1173	525	2 -5.781290e+14
1174	253	9 1.581292e+03
1175	85	5 -1.226725e+14
1176	1513	2 -7.008015e+14
1177	359	2 7.530417e+02
1178	756	3 -5.781290e+14
1179	91	3 -1.226725e+14
1180	907	2 -5.781290e+14
1181	1159	8 -5.781290e+14
1182	1118	9 2.473292e+03
1183	1167	3 -5.781290e+14
1184	556	6 -5.781290e+14
1185	783	1 -2.966093e+15
1186	1276	3 -7.008015e+14
1187	424	9 -5.781290e+14
1188	45	1 -3.088766e+15
1189	70	9 -1.226725e+14
1190	1456	6 -7.008015e+14
1191	190	4 -5.781290e+14
1192	1224	5 -5.781290e+14
1193	840	2 3.267792e+03

19	5 -1.226725e+14
521	4 -5.781290e+14
186	0 1.016666e+01
762	8 8.152917e+02
1479	8 -7.008015e+14
546	2 1.710292e+03
453	3 -5.781290e+14
1007	1 -3.544222e+15
50	2 -1.226725e+14
419	5 2.906323e+03
825	0 -5.781290e+14
1250	8 1.741792e+03
50	7 -1.226725e+14
904	3 -5.781290e+14
983	7 -5.781290e+14
22	6 -1.226725e+14
1073	8 -5.781290e+14
1	7 -7.008015e+14
377	9 -5.781290e+14
1143	1 -3.544222e+15
906	3 -5.781290e+14
253	8 1.472792e+03
1442	7 -7.008015e+14
108	3 -1.226725e+14
1469	2 -7.008015e+14
	521 186 762 1479 546 453 1007 50 419 825 1250 50 904 983 22 1073 1 377 1143 906 253 1442 108

1219	136	1 -3.088766e+15
1220	56	5 -1.226725e+14
1221	272	5 -5.781290e+14
1222	903	8 2.352292e+03
1223	1340	3 -7.008015e+14
1224	685	4 -5.781290e+14
1225	1390	7 -7.008015e+14
1226	269	9 -5.781290e+14
1227	778	7 -5.781290e+14
1228	1479	5 -7.008015e+14
1229	1459	5 -7.008015e+14
1230	292	6 1.088542e+03
1231	793	9 1.768792e+03
1232	1211	5 3.745823e+03
1233	29	4 -1.226725e+14
1234	1393	4 -7.008015e+14
1235	629	6 3.016792e+03
1236	471	2 -5.781290e+14
1237	786	1 -3.544222e+15
1238	172	0 1.893667e+03
1239	79	9 -1.226725e+14
1240	1169	5 -5.781290e+14
1241	1541	6 -7.008015e+14
1242	1384	1 -3.666895e+15
1243	3	2 -1.226725e+14

1244	44	8 -1.226725e+14
1245	1307	9 -7.008015e+14
1246	364	3 2.083667e+03
1247	219	1 -3.544222e+15
1248	839	1 -3.544222e+15
1249	824	3 -5.781290e+14
1250	1501	4 -7.008015e+14
1251	1098	6 -5.781290e+14
1252	986	2 1.697542e+03
1253	1153	9 1.433792e+03
1254	1156	6 -5.781290e+14
1255	1100	7 -5.781290e+14
1256	909	0 -5.781290e+14
1257	424	1 -3.544222e+15
1258	549	2 4.055292e+03
1259	1470	4 -7.008015e+14
1260	867	7 2.831542e+03
1261	1482	8 -7.008015e+14
1262	519	3 2.752667e+03
1263	1139	7 1.384292e+03
1264	923	3 3.966667e+02
1265	713	2 1.868292e+03
1266	1516	9 -7.008015e+14
1267	1154	2 -5.781290e+14
1268	510	5 -5.781290e+14

1269	106	3 -1.226725e+14
1270	306	4 -5.781290e+14
1271	1388	6 -7.008015e+14
1272	714	1 -3.544222e+15
1273	1386	0 -7.008015e+14
1274	317	8 -5.781290e+14
1275	1333	5 -7.008015e+14
1276	1216	1 -2.966093e+15
1277	1102	1 -3.544222e+15
1278	161	1 -3.544222e+15
1279	925	8 9.777917e+02
1280	760	1 -3.544222e+15
1281	307	5 3.308823e+03
1282	1185	6 -5.781290e+14
1283	716	0 -5.781290e+14
1284	290	5 -5.781290e+14
1285	130	5 -1.226725e+14
1286	909	6 -5.781290e+14
1287	246	0 -1.015833e+03
1288	94	6 -1.226725e+14
1289	210	8 1.498292e+03
1290	589	8 -5.781290e+14
1291	1501	6 -7.008015e+14
1292	1238	8 1.785292e+03
1293	243	1 -2.966093e+15

1294	280	4 -1.261083e+03
1295	1194	9 1.567792e+03
1296	298	1 -2.966093e+15
1297	423	5 2.256823e+03
1298	587	3 -5.781290e+14
1299	657	5 -5.781290e+14
1300	508	5 2.213823e+03
1301	860	0 9.541667e+02
1302	1033	2 -5.781290e+14
1303	28	2 -1.226725e+14
1304	816	1 -2.966093e+15
1305	758	0 -5.781290e+14
1306	1270	6 -7.008015e+14
1307	771	1 -3.544222e+15
1308	839	6 -5.781290e+14
1309	706	8 1.798792e+03
1310	733	7 -5.781290e+14
1311	1114	9 -5.781290e+14
1312	1475	9 -7.008015e+14
1313	825	4 -5.781290e+14
1314	338	8 -5.781290e+14
1315	1230	9 -5.781290e+14
1316	1017	7 -5.781290e+14
1317	1535	6 -7.008015e+14
1318	1002	7 2.864792e+03

1319	616	6 -5.781290e+14
1320	1008	2 2.849292e+03
1321	887	3 -5.781290e+14
1322	151	9 1.627292e+03
1323	729	2 3.462292e+03
1324	209	5 -5.781290e+14
1325	922	2 -5.781290e+14
1326	67	2 -1.226725e+14
1327	1184	8 -5.781290e+14
1328	363	5 3.868323e+03
1329	676	0 -4.138333e+02
1330	775	1 -2.966093e+15
1331	1348	7 -7.008015e+14
1332	325	4 -5.781290e+14
1333	192	6 4.056792e+03
1334	432	7 2.980792e+03
1335	1452	2 -7.008015e+14
1336	982	3 1.696667e+03
1337	312	9 -5.781290e+14
1338	708	3 2.597667e+03
1339	435	0 -4.438333e+02
1340	1112	3 -5.781290e+14
1341	1231	2 -5.781290e+14
1342	981	0 -5.781290e+14
1343	15	9 -1.226725e+14

1344	584	7 2.363542e+03
1345	667	4 1.061417e+03
1346	75	5 -1.226725e+14
1347	1488	9 -7.008015e+14
1348	842	4 -5.781290e+14
1349	871	3 2.239167e+03
1350	959	5 5.050323e+03
1351	507	6 3.186542e+03
1352	1534	7 -7.008015e+14
1353	704	9 -5.781290e+14
1354	445	3 -5.781290e+14
1355	906	2 -5.781290e+14
1356	1259	5 -7.008015e+14
1357	385	8 3.128292e+03
1358	1511	9 -7.008015e+14
1359	1440	7 -7.008015e+14
1360	569	3 3.894667e+03
1361	1510	0 -7.008015e+14
1362	1455	2 -7.008015e+14
1363	193	4 6.204167e+02
1364	174	5 -5.781290e+14
1365	583	3 -5.781290e+14
1366	223	8 3.268292e+03
1367	686	6 -5.781290e+14
1368	104	4 -1.226725e+14

1369	1115	0 2.029667e+03
1370	386	8 2.895292e+03
1371	916	1 -3.544222e+15
1372	193	1 -2.966093e+15
1373	789	3 -5.781290e+14
1374	293	7 3.919792e+03
1375	1442	5 -7.008015e+14
1376	1407	1 -3.666895e+15
1377	855	0 -5.781290e+14
1378	1389	9 -7.008015e+14
1379	760	6 -5.781290e+14
1380	939	1 -2.966093e+15
1381	1217	3 3.751667e+03
1382	533	1 -2.966093e+15
1383	1115	9 4.063292e+03
1384	764	6 3.622792e+03
1385	1358	4 -7.008015e+14
1386	169	3 -5.781290e+14
1387	1037	3 -5.781290e+14
1388	1410	5 -7.008015e+14
1389	157	7 2.889542e+03
1390	1249	6 -5.781290e+14
1391	1526	2 -7.008015e+14
1392	789	6 -5.781290e+14
1393	1035	2 2.563042e+03

1394	794	1 -3.544222e+15
1395	296	3 2.318667e+03
1396	569	7 4.107792e+03
1397	1031	6 2.944542e+03
1398	815	6 1.716292e+03
1399	823	9 1.003292e+03
1400	14	0 -7.008015e+14
1401	340	4 3.041666e+01
1402	763	9 1.785792e+03
1403	352	8 2.250292e+03
1404	1396	8 -7.008015e+14
1405	1439	3 -7.008015e+14
1406	1094	6 2.090292e+03
1407	1044	6 2.372292e+03
1408	1429	7 -7.008015e+14
1409	320	3 1.498667e+03
1410	1485	5 -7.008015e+14
1411	922	0 -5.781290e+14
1412	39	2 -1.226725e+14
1413	86	1 -3.088766e+15
1414	1523	1 -3.666895e+15
1415	26	1 -3.088766e+15
1416	1262	7 -7.008015e+14
1417	998	6 -5.781290e+14
1418	413	6 7.282917e+02

1419	1064	3 2.523667e+03
1420	1146	1 -3.544222e+15
1421	1427	7 -7.008015e+14
1422	738	6 -5.781290e+14
1423	578	7 1.610292e+03
1424	1025	1 -2.966093e+15
1425	369	8 -5.781290e+14
1426	461	5 -5.781290e+14
1427	226	9 1.107292e+03
1428	501	5 -5.781290e+14
1429	827	1 -3.544222e+15
1430	268	3 -5.781290e+14
1431	200	5 2.835823e+03
1432	341	9 -5.781290e+14
1433	1378	6 -7.008015e+14
1434	1002	6 3.098292e+03
1435	885	4 -5.781290e+14
1436	1107	9 3.667292e+03
1437	940	5 -5.781290e+14
1438	337	2 -5.781290e+14
1439	1335	4 -7.008015e+14
1440	114	8 -1.226725e+14
1441	150	8 1.912292e+03
1442	151	1 -2.966093e+15
1443	1376	8 -7.008015e+14

1444	1474	6 -7.008015e+14
1445	1438	0 -7.008015e+14
1446	1525	9 -7.008015e+14
1447	1198	6 -5.781290e+14
1448	576	6 -5.781290e+14
1449	1329	6 -7.008015e+14
1450	777	7 2.336292e+03
1451	775	2 3.725792e+03
1452	750	8 -5.781290e+14
1453	549	5 5.421823e+03
1454	712	7 2.299292e+03
1455	1361	4 -7.008015e+14
1456	1160	3 2.561167e+03
1457	1509	9 -7.008015e+14
1458	1280	5 -7.008015e+14
1459	353	3 1.591167e+03
1460	843	1 -2.966093e+15
1461	980	9 -5.781290e+14
1462	430	2 3.714542e+03
1463	411	7 -5.781290e+14
1464	404	9 -5.781290e+14
1465	255	6 -5.781290e+14
1466	734	3 3.744667e+03
1467	558	0 1.867167e+03
1468	993	6 -5.781290e+14

1469	769	5 2.128323e+03
1470	1121	3 -5.781290e+14
1471	221	2 1.758292e+03
1472	1326	5 -7.008015e+14
1473	35	8 -1.226725e+14
1474	286	5 5.176323e+03
1475	1389	2 -7.008015e+14
1476	1328	1 -3.666895e+15
1477	1475	2 -7.008015e+14
1478	180	5 4.923823e+03
1479	1200	5 5.091823e+03
1480	701	7 3.272792e+03
1481	678	7 -5.781290e+14
1482	449	6 2.757542e+03
1483	543	7 3.518292e+03
1484	695	1 -2.966093e+15
1485	1065	7 1.004792e+03
1486	995	5 -5.781290e+14
1487	1446	0 -7.008015e+14
1488	571	5 2.901823e+03
1489	651	9 -5.781290e+14
1490	954	7 3.713792e+03
1491	510	3 -5.781290e+14
1492	119	2 -1.226725e+14
1493	1404	8 -7.008015e+14

1494	719	0 -5.781290e+14
1495	572	2 3.075792e+03
1496	1163	6 -5.781290e+14
1497	970	6 -5.781290e+14
1498	780	8 -5.781290e+14
1499	39	7 -1.226725e+14
1500	31	4 -1.226725e+14
1501	573	3 1.629167e+03
1502	295	0 1.706667e+03
1503	839	5 -5.781290e+14
1504	961	7 1.909792e+03
1505	337	4 -5.781290e+14
1506	1286	6 -7.008015e+14
1507	535	6 1.729292e+03
1508	1492	8 -7.008015e+14
1509	300	6 3.528042e+03
1510	1486	4 -7.008015e+14
1511	514	8 -5.781290e+14
1512	1510	3 -7.008015e+14
1513	607	6 -5.781290e+14
1514	891	6 2.426042e+03
1515	97	7 -1.226725e+14
1516	733	0 -5.781290e+14
1517	108	0 -1.226725e+14
1518	371	0 -5.781290e+14

1519	194	7 1.923792e+03
1520	641	8 -5.781290e+14
1521	127	3 -7.008015e+14
1522	40	1 -3.088766e+15
1523	63	6 -1.226725e+14
1524	433	5 3.161823e+03
1525	164	4 -5.781290e+14
1526	1086	3 1.185667e+03
1527	355	8 1.646792e+03
1528	116	8 -1.226725e+14
1529	1308	8 -7.008015e+14
1530	430	0 1.699167e+03
1531	839	4 -5.781290e+14
1532	1355	9 -7.008015e+14
1533	1290	3 -7.008015e+14
1534	930	9 -5.781290e+14
1535	808	7 2.299292e+03
1536	179	6 -5.781290e+14
1537	53	5 -1.226725e+14
1538	318	3 -5.781290e+14
1539	675	8 -5.781290e+14
1540	1126	5 -5.781290e+14
1541	950	7 -5.781290e+14
1542	983	1 -3.544222e+15
1543	513	5 2.415823e+03

1544	287	4 6.291666e+01
1545	937	9 6.792917e+02
1546	39	5 -1.226725e+14
1547	680	0 -5.781290e+14
1548	248	5 -5.781290e+14
1549	1117	7 2.487292e+03
1550	918	1 -2.966093e+15
1551	961	2 2.077042e+03
1552	981	4 -5.781290e+14
1553	1104	5 2.858323e+03
1554	1415	8 -7.008015e+14
1555	584	6 2.570792e+03
1556	491	9 -5.781290e+14
1557	802	9 -5.781290e+14
1558	83	1 -3.088766e+15
1559	469	1 -3.544222e+15
1560	247	9 -5.781290e+14
1561	390	6 1.173792e+03
1562	865	0 9.231667e+02
1563	346	7 1.899792e+03
1564	1428	4 -7.008015e+14
1565	1458	1 -3.666895e+15
1566	163	1 -3.544222e+15
1567	175	6 3.203292e+03
1568	181	7 1.313292e+03

1569	1300	3 -7.008015e+14
1570	127	5 -7.008015e+14
1571	368	5 4.832823e+03
1572	778	3 -5.781290e+14
1573	1473	2 -7.008015e+14
1574	1524	1 -3.666895e+15
1575	847	8 3.804792e+03
1576	573	9 2.038792e+03
1577	380	0 1.961667e+03
1578	1023	8 2.029292e+03
1579	309	8 7.337917e+02
1580	374	8 1.765292e+03
1581	172	8 3.763292e+03
1582	855	7 -5.781290e+14
1583	1401	2 -7.008015e+14
1584	275	5 -5.781290e+14
1585	223	7 3.211292e+03
1586	63	1 -3.088766e+15
1587	1062	8 1.688292e+03
1588	377	5 -5.781290e+14
1589	1178	2 2.707792e+03
1590	410	9 -5.781290e+14
1591	418	4 2.209417e+03
1592	1303	6 -7.008015e+14
1593	598	4 -5.781290e+14

1594	1328	6 -7.008015e+14
1595	94	9 -1.226725e+14
1596	894	6 -5.781290e+14
1597	26	3 -1.226725e+14
1598	1185	1 -3.544222e+15
1599	1178	3 2.309667e+03
1600	838	5 3.256323e+03
1601	1434	9 -7.008015e+14
1602	1239	3 -5.781290e+14
1603	1003	9 -5.781290e+14
1604	1188	1 -3.544222e+15
1605	75	3 -1.226725e+14
1606	190	5 -5.781290e+14
1607	1190	7 2.923292e+03
1608	635	7 2.757792e+03
1609	1182	6 1.403042e+03
1610	1390	6 -7.008015e+14
1611	531	0 -1.030833e+03
1612	120	1 -3.088766e+15
1613	1349	9 -7.008015e+14
1614	1152	2 7.137917e+02
1615	468	1 -3.544222e+15
1616	47	0 -1.226725e+14
1617	620	2 1.877792e+03
1618	738	7 -5.781290e+14

1619	341	6 -5.781290e+14
1620	318	6 -5.781290e+14
1621	619	5 3.575323e+03
1622	255	5 -5.781290e+14
1623	1338	3 -7.008015e+14
1624	1298	3 -7.008015e+14
1625	1103	3 1.473167e+03
1626	426	7 3.628542e+03
1627	1031	2 2.913792e+03
1628	849	1 -2.966093e+15
1629	646	4 -5.781290e+14
1630	1301	3 -7.008015e+14
1631	1398	5 -7.008015e+14
1632	810	9 -5.781290e+14
1633	359	8 6.302917e+02
1634	1464	2 -7.008015e+14
1635	943	8 1.892792e+03
1636	476	2 3.955292e+03
1637	925	2 1.095792e+03
1638	1309	5 -7.008015e+14
1639	55	7 -1.226725e+14
1640	232	2 3.220542e+03
1641	795	2 3.183792e+03
1642	762	6 9.612917e+02
1643	1091	6 -5.781290e+14

1644	517	0 -5.781290e+14
1645	991	3 -5.781290e+14
1646	1082	7 1.638292e+03
1647	1522	5 -7.008015e+14
1648	681	0 -5.781290e+14
1649	39	9 -1.226725e+14
1650	706	2 1.936792e+03
1651	1233	0 -5.781290e+14
1652	1343	2 -7.008015e+14
1653	958	6 -5.781290e+14
1654	917	6 -5.781290e+14
1655	1379	3 -7.008015e+14
1656	736	2 2.144792e+03
1657	1459	9 -7.008015e+14
1658	653	8 1.908292e+03
1659	415	2 9.977917e+02
1660	773	8 2.739292e+03
1661	66	9 -1.226725e+14
1662	951	1 -3.544222e+15
1663	643	7 1.710792e+03
1664	1419	0 -7.008015e+14
1665	1498	6 -7.008015e+14
1666	1301	1 -3.666895e+15
1667	718	6 1.620792e+03
1668	956	1 -2.966093e+15

1669	1137	5 2.093323e+03
1670	347	2 -5.781290e+14
1671	1146	2 -5.781290e+14
1672	1285	3 -7.008015e+14
1673	546	1 -2.966093e+15
1674	581	7 -5.781290e+14
1675	566	2 4.200792e+03
1676	73	0 -1.226725e+14
1677	808	8 2.362292e+03
1678	1201	2 1.649792e+03
1679	689	3 -5.781290e+14
1680	1315	6 -7.008015e+14
1681	616	2 -5.781290e+14
1682	1395	5 -7.008015e+14
1683	1471	1 -3.666895e+15
1684	276	4 -3.508334e+01
1685	336	1 -2.966093e+15
1686	988	7 3.001792e+03
1687	211	8 2.496792e+03
1688	1344	2 -7.008015e+14
1689	1223	6 9.910417e+02
1690	490	1 -3.544222e+15
1691	404	1 -3.544222e+15
1692	950	2 -5.781290e+14
1693	366	3 2.865167e+03

1694	1048	6 2.105792e+03
1695	910	9 7.407917e+02
1696	15	2 -1.226725e+14
1697	370	9 -5.781290e+14
1698	1050	6 -5.781290e+14
1699	1152	9 7.322917e+02
1700	1027	6 3.684042e+03
1701	1074	5 2.124323e+03
1702	350	3 1.453167e+03
1703	156	2 2.169792e+03
1704	440	8 1.997292e+03
1705	1417	1 -3.666895e+15
1706	1114	2 -5.781290e+14
1707	365	1 -2.966093e+15
1708	868	7 -5.781290e+14
1709	852	6 -5.781290e+14
1710	948	0 -2.298333e+02
1711	271	1 -2.966093e+15
1712	822	5 -5.781290e+14
1713	811	6 -5.781290e+14
1714	670	9 -5.781290e+14
1715	1368	1 -3.666895e+15
1716	693	5 4.064823e+03
1717	331	3 2.001667e+03
1718	165	0 7.886667e+02

1719	1116	6 1.391792e+03
1720	168	7 2.693292e+03
1721	370	1 -3.544222e+15
1722	339	7 2.579792e+03
1723	78	8 -1.226725e+14
1724	811	5 -5.781290e+14
1725	587	5 -5.781290e+14
1726	9	5 -1.226725e+14
1727	265	8 3.573292e+03
1728	352	7 2.166792e+03
1729	919	7 -5.781290e+14
1730	1541	8 -7.008015e+14
1731	332	3 -5.781290e+14
1732	826	6 -5.781290e+14
1733	1309	4 -7.008015e+14
1734	1208	8 -5.781290e+14
1735	1339	3 -7.008015e+14
1736	391	8 2.022292e+03
1737	1408	6 -7.008015e+14
1738	1075	3 5.791667e+02
1739	1521	3 -7.008015e+14
1740	1259	6 -7.008015e+14
1741	493	4 9.134167e+02
1742	417	8 -5.781290e+14
1743	623	0 1.932167e+03

1065	0 -8.828333e+02
1110	6 3.021292e+03
1353	6 -7.008015e+14
556	3 -5.781290e+14
1258	6 -7.008015e+14
76	6 -1.226725e+14
1374	9 -7.008015e+14
31	3 -1.226725e+14
284	2 2.969292e+03
195	8 3.704292e+03
129	6 -1.226725e+14
752	3 5.856667e+02
1256	2 -7.008015e+14
920	2 -5.781290e+14
1437	3 -7.008015e+14
362	6 2.499792e+03
624	3 3.761667e+03
1149	6 -5.781290e+14
360	2 -5.781290e+14
933	7 -5.781290e+14
641	3 -5.781290e+14
1460	3 -7.008015e+14
476	9 3.923792e+03
1120	2 1.859792e+03
836	6 -5.781290e+14
	1110 1353 556 1258 76 1374 31 284 195 129 752 1256 920 1437 362 624 1149 360 933 641 1460 476 1120

1769	1155	1 -3.544222e+15
1770	1255	7 -7.008015e+14
1771	1516	8 -7.008015e+14
1772	618	7 -5.781290e+14
1773	498	5 -5.781290e+14
1774	1489	9 -7.008015e+14
1775	271	5 3.362823e+03
1776	554	3 1.705667e+03
1777	1354	2 -7.008015e+14
1778	227	4 2.158417e+03
1779	55	5 -1.226725e+14
1780	1212	9 -5.781290e+14
1781	230	4 -5.781290e+14
1782	844	8 -5.781290e+14
1783	1411	4 -7.008015e+14
1784	1397	7 -7.008015e+14
1785	789	4 -5.781290e+14
1786	693	3 2.351667e+03
1787	567	1 -2.966093e+15
1788	962	3 2.169667e+03
1789	1071	8 1.988292e+03
1790	1016	0 -5.781290e+14
1791	441	1 -2.966093e+15
1792	1055	9 3.539792e+03
1793	573	7 1.856542e+03

1794	585	5 2.189823e+03
1795	1440	8 -7.008015e+14
1796	512	3 -5.781290e+14
1797	1123	9 1.636292e+03
1798	946	8 -5.781290e+14
1799	915	9 -5.781290e+14
1800	1231	3 -5.781290e+14
1801	1090	5 -5.781290e+14
1802	131	2 -1.226725e+14
1803	511	7 -5.781290e+14
1804	166	1 -2.966093e+15
1805	524	4 -5.781290e+14
1806	808	2 2.455792e+03
1807	1445	4 -7.008015e+14
1808	422	9 -5.781290e+14
1809	10	5 -7.008015e+14
1810	1051	6 2.467292e+03
1811	803	7 -5.781290e+14
1812	333	0 -9.668333e+02
1813	814	1 -3.544222e+15
1814	304	9 1.591292e+03
1815	670	0 -5.781290e+14
1816	953	8 -5.781290e+14
1817	947	7 3.127542e+03
1818	960	9 -5.781290e+14

1819	271	0 -4.983334e+01
1820	1419	5 -7.008015e+14
1821	788	2 -5.781290e+14
1822	814	8 -5.781290e+14
1823	68	0 -1.226725e+14
1824	404	7 -5.781290e+14
1825	1347	1 -3.666895e+15
1826	831	8 -5.781290e+14
1827	1105	6 -5.781290e+14
1828	507	1 -2.966093e+15
1829	119	3 -1.226725e+14
1830	426	0 1.742167e+03
1831	1078	2 -5.781290e+14
1832	1116	3 9.976667e+02
1833	246	1 -2.966093e+15
1834	1467	3 -7.008015e+14
1835	535	8 1.589792e+03
1836	202	4 -6.605833e+02
1837	593	5 -5.781290e+14
1838	1057	3 2.158167e+03
1839	577	8 -5.781290e+14
1840	1121	9 -5.781290e+14
1841	515	6 -5.781290e+14
1842	836	7 -5.781290e+14
1843	403	6 -5.781290e+14

1844	877	5 -5.781290e+14
1845	542	6 -5.781290e+14
1846	325	3 -5.781290e+14
1847	1400	2 -7.008015e+14
1848	949	8 -5.781290e+14
1849	1521	9 -7.008015e+14
1850	510	6 -5.781290e+14
1851	1254	5 -7.008015e+14
1852	740	4 1.553917e+03
1853	1114	1 -3.544222e+15
1854	672	3 2.158667e+03
1855	1046	6 -5.781290e+14
1856	1532	1 -3.666895e+15
1857	585	0 -1.193833e+03
1858	847	3 3.534167e+03
1859	532	8 2.573292e+03
1860	49	2 -1.226725e+14
1861	761	1 -3.544222e+15
1862	1004	2 -5.781290e+14
1863	576	7 -5.781290e+14
1864	406	1 -3.544222e+15
1865	156	6 2.191292e+03
1866	1093	5 -5.781290e+14
1867	1288	9 -7.008015e+14
1868	59	1 -3.088766e+15

1869	1310	9 -7.008015e+14
1870	506	8 1.903292e+03
1871	319	8 2.376792e+03
1872	762	4 -1.060583e+03
1873	944	7 8.332917e+02
1874	365	3 2.813167e+03
1875	1139	8 1.450792e+03
1876	629	5 4.311823e+03
1877	488	9 -5.781290e+14
1878	864	7 1.786292e+03
1879	298	7 1.817542e+03
1880	1065	8 1.019792e+03
1881	672	9 2.562292e+03
1882	1441	9 -7.008015e+14
1883	1450	2 -7.008015e+14
1884	1471	7 -7.008015e+14
1885	72	0 -1.226725e+14
1886	239	5 -5.781290e+14
1887	913	0 4.981667e+02
1888	238	6 -5.781290e+14
1889	923	2 7.602917e+02
1890	888	6 1.201042e+03
1891	1151	3 2.643667e+03
1892	1103	8 1.719292e+03
1893	22	8 -1.226725e+14

1894	446	4 -3.400833e+02
1895	881	6 4.289792e+03
1896	790	8 -5.781290e+14
1897	731	3 3.197667e+03
1898	314	2 1.699042e+03
1899	631	7 3.382042e+03
1900	1215	9 -5.781290e+14
1901	1467	0 -7.008015e+14
1902	1379	4 -7.008015e+14
1903	731	9 3.572792e+03
1904	1277	2 -7.008015e+14
1905	122	8 -1.226725e+14
1906	1406	5 -7.008015e+14
1907	566	1 -2.966093e+15
1908	812	8 -5.781290e+14
1909	1251	7 -7.008015e+14
1910	1433	2 -7.008015e+14
1911	821	0 -5.781290e+14
1912	767	1 -3.544222e+15
1913	619	8 2.102792e+03
1914	780	2 -5.781290e+14
1915	572	4 1.019917e+03
1916	1515	0 -7.008015e+14
1917	720	5 -5.781290e+14
1918	993	7 -5.781290e+14

1919	475	4 -5.781290e+14
1920	594	8 -5.781290e+14
1921	147	8 -5.781290e+14
1922	153	7 2.257292e+03
1923	1044	5 3.716323e+03
1924	1410	6 -7.008015e+14
1925	1431	8 -7.008015e+14
1926	1202	3 -5.781290e+14
1927	670	2 -5.781290e+14
1928	694	8 -5.781290e+14
1929	957	1 -2.966093e+15
1930	185	6 -5.781290e+14
1931	316	0 -4.248333e+02
1932	96	9 -1.226725e+14
1933	1034	6 -5.781290e+14
1934	875	5 4.390323e+03
1935	355	5 3.088323e+03
1936	1089	2 -5.781290e+14
1937	1268	8 -7.008015e+14
1938	857	2 1.593792e+03
1939	100	6 -1.226725e+14
1940	1285	2 -7.008015e+14
1941	323	2 -5.781290e+14
1942	251	3 1.449167e+03
1943	971	3 -5.781290e+14

1944	1284	6 -7.008015e+14
1945	973	8 -5.781290e+14
1946	1055	5 4.912823e+03
1947	960	7 -5.781290e+14
1948	254	0 -5.781290e+14
1949	1459	6 -7.008015e+14
1950	75	6 -1.226725e+14
1951	1384	6 -7.008015e+14
1952	900	6 3.671792e+03
1953	753	8 8.757917e+02
1954	806	1 -3.544222e+15
1955	1036	4 1.259167e+02
1956	467	5 -5.781290e+14
1957	895	5 -5.781290e+14
1958	173	7 5.900417e+02
1959	257	0 -1.878333e+02
1960	538	5 -5.781290e+14
1961	140	8 -1.226725e+14
1962	1340	8 -7.008015e+14
1963	1530	3 -7.008015e+14
1964	124	9 -1.226725e+14
1965	823	7 7.817917e+02
1966	348	9 -5.781290e+14
1967	934	2 -5.781290e+14
1968	817	1 -2.966093e+15

1969	338	0 -5.781290e+14
1970	588	4 -4.320833e+02
1971	846	1 -3.544222e+15
1972	499	4 -4.710833e+02
1973	346	0 9.96666e+01
1974	1029	0 -5.781290e+14
1975	1014	9 -5.781290e+14
1976	260	7 -5.781290e+14
1977	1520	1 -3.666895e+15
1978	1444	5 -7.008015e+14
1979	1016	5 -5.781290e+14
1980	349	2 -5.781290e+14
1981	402	5 -5.781290e+14
1982	1020	5 -5.781290e+14
1983	484	2 1.903292e+03
1984	520	9 1.113292e+03
1985	671	3 -5.781290e+14
1986	1180	2 -5.781290e+14
1987	242	6 -5.781290e+14
1988	185	2 -5.781290e+14
1989	1242	0 -5.781290e+14
1990	52	9 -1.226725e+14
1991	724	1 -3.544222e+15
1992	1318	2 -7.008015e+14
1993	619	7 2.050542e+03

1994	1413	5 -7.008015e+14
1995	1510	1 -3.666895e+15
1996	642	5 3.822823e+03
1997	1310	6 -7.008015e+14
1998	914	8 -5.781290e+14
1999	1380	6 -7.008015e+14
2000	1066	3 -5.781290e+14
2001	734	4 2.139417e+03
2002	559	7 7.567917e+02
2003	1221	6 -5.781290e+14
2004	1505	9 -7.008015e+14
2005	1105	8 -5.781290e+14
2006	15	1 -3.088766e+15
2007	1476	6 -7.008015e+14
2008	1392	3 -7.008015e+14
2009	263	1 -2.966093e+15
2010	97	4 -1.226725e+14
2011	1301	7 -7.008015e+14
2012	327	0 -4.033334e+01
2013	56	1 -3.088766e+15
2014	1089	9 -5.781290e+14
2015	1420	8 -7.008015e+14
2016	329	9 -5.781290e+14
2017	779	8 1.753292e+03
2018	881	7 4.034042e+03

2019	1212	0 -5.781290e+14
2020	871	9 2.607292e+03
2021	240	7 -5.781290e+14
2022	1167	9 -5.781290e+14
2023	514	6 -5.781290e+14
2024	1041	6 8.767917e+02
2025	1226	5 -5.781290e+14
2026	830	8 2.780292e+03
2027	662	6 1.011292e+03
2028	336	5 4.334323e+03
2029	981	1 -3.544222e+15
2030	1082	3 1.463667e+03
2031	978	8 -5.781290e+14
2032	326	5 -5.781290e+14
2033	1504	6 -7.008015e+14
2034	204	3 2.126667e+03
2035	720	8 -5.781290e+14
2036	156	5 3.509823e+03
2037	83	7 -1.226725e+14
2038	459	3 -5.781290e+14
2039	1242	6 -5.781290e+14
2040	1402	6 -7.008015e+14
2041	228	1 -2.966093e+15
2042	51	2 -1.226725e+14
2043	102	5 -1.226725e+14

2044	811	2 -5.781290e+14
2045	937	2 6.907917e+02
2046	55	3 -1.226725e+14
2047	91	8 -1.226725e+14
2048	394	6 -5.781290e+14
2049	1351	3 -7.008015e+14
2050	1000	2 2.585292e+03
2051	1061	3 -5.781290e+14
2052	1378	7 -7.008015e+14
2053	159	7 2.594042e+03
2054	1257	3 -7.008015e+14
2055	377	6 -5.781290e+14
2056	459	8 -5.781290e+14
2057	1200	4 1.711917e+03
2058	1215	7 -5.781290e+14
2059	1379	2 -7.008015e+14
2060	159	3 2.352667e+03
2061	1348	6 -7.008015e+14
2062	486	5 -5.781290e+14
2063	422	8 -5.781290e+14
2064	887	8 -5.781290e+14
2065	8	6 -7.008015e+14
2066	769	6 8.202917e+02
2067	541	6 1.106292e+03
2068	950	9 -5.781290e+14

2069	1028	2 -5.781290e+14
2070	863	9 -5.781290e+14
2071	1090	3 -5.781290e+14
2072	789	0 -5.781290e+14
2073	1351	2 -7.008015e+14
2074	878	3 1.802167e+03
2075	1230	4 -5.781290e+14
2076	351	3 -5.781290e+14
2077	1064	5 4.251323e+03
2078	1394	7 -7.008015e+14
2079	1441	7 -7.008015e+14
2080	1062	2 1.836542e+03
2081	991	6 -5.781290e+14
2082	838	0 -1.533333e+02
2083	626	0 -5.781290e+14
2084	1533	8 -7.008015e+14
2085	1500	6 -7.008015e+14
2086	1015	3 -5.781290e+14
2087	1524	6 -7.008015e+14
2088	1042	3 -5.781290e+14
2089	1081	9 -5.781290e+14
2090	1487	5 -7.008015e+14
2091	1278	6 -7.008015e+14
2092	1070	1 -3.544222e+15
2093	666	6 3.184542e+03

2094	495	7 -5.781290e+14
2095	879	2 -5.781290e+14
2096	383	9 1.942292e+03
2097	54	2 -1.226725e+14
2098	399	3 -5.781290e+14
2099	1528	9 -7.008015e+14
2100	703	3 1.687667e+03
2101	20	6 -1.226725e+14
2102	485	9 1.554792e+03
2103	667	8 2.953792e+03
2104	825	7 -5.781290e+14
2105	370	8 -5.781290e+14
2106	1399	3 -7.008015e+14
2107	326	7 -5.781290e+14
2108	178	8 3.019292e+03
2109	980	7 -5.781290e+14
2110	802	7 -5.781290e+14
2111	1036	1 -2.966093e+15
2112	823	3 5.826667e+02
2113	740	2 3.548542e+03
2114	762	1 -2.966093e+15
2115	567	0 -6.698333e+02
2116	850	8 2.423292e+03
2117	1527	9 -7.008015e+14
2118	625	3 -5.781290e+14

88	1 -3.088766e+15
1235	7 -5.781290e+14
1009	6 2.620792e+03
1113	5 -5.781290e+14
1257	5 -7.008015e+14
339	2 2.756542e+03
482	3 -5.781290e+14
667	1 -2.966093e+15
1403	2 -7.008015e+14
223	5 4.717823e+03
1009	2 2.592792e+03
1400	7 -7.008015e+14
1503	0 -7.008015e+14
1011	1 -2.966093e+15
727	9 3.234792e+03
567	3 9.276667e+02
621	4 -5.781290e+14
1168	5 3.369823e+03
566	8 4.099792e+03
1162	7 -5.781290e+14
431	8 8.612917e+02
688	5 -5.781290e+14
969	1 -2.966093e+15
289	5 3.246323e+03
628	2 -5.781290e+14
	1235 1009 1113 1257 339 482 667 1403 223 1009 1400 1503 1011 727 567 621 1168 566 1162 431 688 969 289

2144	576	5 -5.781290e+14
2145	1253	6 -7.008015e+14
2146	339	4 7.149167e+02
2147	1312	9 -7.008015e+14
2148	13	1 -3.088766e+15
2149	163	6 -5.781290e+14
2150	1089	7 -5.781290e+14
2151	78	1 -3.088766e+15
2152	678	8 -5.781290e+14
2153	821	8 -5.781290e+14
2154	935	5 3.126823e+03
2155	1065	6 1.179542e+03
2156	1416	5 -7.008015e+14
2157	1228	2 3.211792e+03
2158	993	2 -5.781290e+14
2159	1287	6 -7.008015e+14
2160	1124	7 2.826792e+03
2161	1455	8 -7.008015e+14
2162	1138	4 8.039167e+02
2163	191	0 -5.781290e+14
2164	851	5 2.222823e+03
2165	891	3 2.009667e+03
2166	1103	7 1.666292e+03
2167	404	4 -5.781290e+14
2168	408	2 1.132292e+03

2169	1502	5 -7.008015e+14
2170	95	6 -1.226725e+14
2171	1011	6 1.942042e+03
2172	1099	3 -5.781290e+14
2173	920	7 -5.781290e+14
2174	276	3 1.610667e+03
2175	622	6 -5.781290e+14
2176	1300	8 -7.008015e+14
2177	230	3 -5.781290e+14
2178	769	1 -2.966093e+15
2179	801	4 -5.781290e+14
2180	1165	4 2.281917e+03
2181	107	2 -1.226725e+14
2182	701	2 3.418292e+03
2183	609	8 -5.781290e+14
2184	1356	3 -7.008015e+14
2185	566	5 5.563823e+03
2186	1268	0 -7.008015e+14
2187	26	5 -1.226725e+14
2188	264	3 2.628167e+03
2189	784	7 1.635292e+03
2190	1135	9 -5.781290e+14
2191	426	3 3.441667e+03
2192	1100	2 -5.781290e+14
2193	753	1 -2.966093e+15

2194	202	3 9.931667e+02
2195	1023	2 2.109792e+03
2196	1204	1 -3.544222e+15
2197	736	5 3.494323e+03
2198	172	6 3.967792e+03
2199	440	7 1.943292e+03
2200	121	7 -1.226725e+14
2201	692	5 4.544323e+03
2202	919	9 -5.781290e+14
2203	1083	0 1.955667e+03
2204	393	5 4.443323e+03
2205	1104	3 1.131667e+03
2206	838	3 1.498667e+03
2207	747	1 -2.966093e+15
2208	582	5 -5.781290e+14
2209	289	1 -2.966093e+15
2210	1040	5 2.644823e+03
2211	1290	8 -7.008015e+14
2212	781	0 -1.195333e+03
2213	292	7 8.822917e+02
2214	259	7 3.206292e+03
2215	1453	9 -7.008015e+14
2216	135	3 -1.226725e+14
2217	379	9 -5.781290e+14
2218	836	3 -5.781290e+14

2219	1445	2 -7.008015e+14
2220	752	8 8.467917e+02
2221	1493	5 -7.008015e+14
2222	404	3 -5.781290e+14
2223	111	1 -3.088766e+15
2224	257	8 1.698292e+03
2225	1418	1 -3.666895e+15
2226	1481	2 -7.008015e+14
2227	1126	6 -5.781290e+14
2228	1040	3 9.596667e+02
2229	944	5 2.373323e+03
2230	897	4 -4.990833e+02
2231	847	6 3.928542e+03
2232	190	7 -5.781290e+14
2233	717	6 -5.781290e+14
2234	1006	5 -5.781290e+14
2235	206	3 -5.781290e+14
2236	222	2 -5.781290e+14
2237	795	4 1.190417e+03
2238	649	2 -5.781290e+14
2239	1519	7 -7.008015e+14
2240	556	4 -5.781290e+14
2241	125	1 -3.088766e+15
2242	1407	8 -7.008015e+14
2243	726	1 -2.966093e+15

2244	1419	9 -7.008015e+14
2245	315	1 -3.544222e+15
2246	773	2 2.846292e+03
2247	1092	6 2.529292e+03
2248	1357	9 -7.008015e+14
2249	981	3 -5.781290e+14
2250	1440	4 -7.008015e+14
2251	647	2 2.894792e+03
2252	1216	9 2.901292e+03
2253	58	2 -1.226725e+14
2254	334	7 5.640417e+02
2255	707	9 2.775292e+03
2256	614	4 -5.781290e+14
2257	1221	9 -5.781290e+14
2258	963	9 1.723292e+03
2259	1509	7 -7.008015e+14
2260	1379	1 -3.666895e+15
2261	877	6 -5.781290e+14
2262	1322	2 -7.008015e+14
2263	249	1 -2.966093e+15
2264	1190	1 -2.966093e+15
2265	1485	8 -7.008015e+14
2266	1150	7 -5.781290e+14
2267	1133	5 -5.781290e+14
2268	585	7 6.890417e+02

2269	921	0 -5.781290e+14
2270	657	3 -5.781290e+14
2271	235	8 -5.781290e+14
2272	48	1 -3.088766e+15
2273	882	5 -5.781290e+14
2274	748	0 2.094167e+03
2275	523	3 -5.781290e+14
2276	1459	1 -3.666895e+15
2277	1018	2 1.518292e+03
2278	1432	6 -7.008015e+14
2279	225	5 2.695323e+03
2280	1275	5 -7.008015e+14
2281	160	3 1.340667e+03
2282	1069	2 -5.781290e+14
2283	805	0 1.973167e+03
2284	231	9 -5.781290e+14
2285	1429	9 -7.008015e+14
2286	1375	7 -7.008015e+14
2287	701	1 -2.966093e+15
2288	1389	8 -7.008015e+14
2289	1373	8 -7.008015e+14
2290	598	0 -5.781290e+14
2291	387	3 -5.781290e+14
2292	1446	6 -7.008015e+14
2293	390	1 -2.966093e+15

2294	1206	6 1.227292e+03
2295	331	4 3.569167e+02
2296	908	2 2.967292e+03
2297	1054	2 3.233042e+03
2298	614	7 -5.781290e+14
2299	319	6 2.468042e+03
2300	1268	9 -7.008015e+14
2301	966	0 2.116666e+01
2302	368	4 1.452917e+03
2303	330	1 -2.966093e+15
2304	98	8 -1.226725e+14
2305	1449	6 -7.008015e+14
2306	1370	1 -3.666895e+15
2307	829	1 -3.544222e+15
2308	428	6 -5.781290e+14
2309	67	7 -1.226725e+14
2310	1186	9 -5.781290e+14
2311	1330	6 -7.008015e+14
2312	1273	1 -3.666895e+15
2313	1176	5 -5.781290e+14
2314	221	5 3.119323e+03
2315	1369	3 -7.008015e+14
2316	617	2 3.462792e+03
2317	440	5 3.474823e+03
2318	1541	2 -7.008015e+14

2319	1331	1 -3.666895e+15
2320	434	5 -5.781290e+14
2321	841	5 -5.781290e+14
2322	1057	7 2.368292e+03
2323	539	5 3.357823e+03
2324	503	3 -5.781290e+14
2325	1001	1 -2.966093e+15
2326	1497	5 -7.008015e+14
2327	434	3 -5.781290e+14
2328	1231	7 -5.781290e+14
2329	1144	9 -5.781290e+14
2330	1288	8 -7.008015e+14
2331	1207	1 -3.544222e+15
2332	563	6 2.175292e+03
2333	837	3 -5.781290e+14
2334	940	1 -3.544222e+15
2335	1503	2 -7.008015e+14
2336	377	3 -5.781290e+14
2337	1056	8 -5.781290e+14
2338	453	5 -5.781290e+14
2339	876	8 -5.781290e+14
2340	1370	7 -7.008015e+14
2341	639	2 1.604792e+03
2342	979	7 -5.781290e+14
2343	1349	2 -7.008015e+14

2344	62	3 -1.226725e+14
2345	1255	4 -7.008015e+14
2346	849	7 3.015792e+03
2347	1367	5 -7.008015e+14
2348	49	9 -1.226725e+14
2349	397	8 -5.781290e+14
2350	1494	9 -7.008015e+14
2351	1322	4 -7.008015e+14
2352	1018	3 1.140667e+03
2353	91	6 -1.226725e+14
2354	89	8 -1.226725e+14
2355	1205	2 -5.781290e+14
2356	482	0 -5.781290e+14
2357	511	3 -5.781290e+14
2358	982	2 2.063042e+03
2359	306	5 -5.781290e+14
2360	43	6 -1.226725e+14
2361	624	8 4.070792e+03
2362	1014	3 -5.781290e+14
2363	464	3 -5.781290e+14
2364	1142	0 -5.781290e+14
2365	922	4 -5.781290e+14
2366	691	7 -5.781290e+14
2367	441	5 3.966323e+03
2368	576	3 -5.781290e+14

2369	189	9 -5.781290e+14
2370	175	8 3.080792e+03
2371	420	7 7.030417e+02
2372	9	1 -3.088766e+15
2373	1183	3 -5.781290e+14
2374	1487	7 -7.008015e+14
2375	964	6 -5.781290e+14
2376	93	5 -1.226725e+14
2377	28	3 -1.226725e+14
2378	117	2 -1.226725e+14
2379	101	8 -1.226725e+14
2380	248	4 -5.781290e+14
2381	415	1 -2.966093e+15
2382	1060	6 -5.781290e+14
2383	543	9 3.691292e+03
2384	1403	6 -7.008015e+14
2385	393	9 3.075292e+03
2386	446	0 -4.048333e+02
2387	84	2 -1.226725e+14
2388	30	1 -3.088766e+15
2389	1162	6 -5.781290e+14
2390	723	9 8.522917e+02
2391	781	3 4.366667e+02
2392	721	5 4.011823e+03
2393	919	4 -5.781290e+14

2394	187	9 7.657917e+02
2395	130	2 -1.226725e+14
2396	504	8 -5.781290e+14
2397	1127	2 1.746792e+03
2398	31	7 -1.226725e+14
2399	818	8 4.107792e+03
2400	205	6 -5.781290e+14
2401	688	7 -5.781290e+14
2402	784	9 1.747292e+03
2403	1060	1 -3.544222e+15
2404	104	0 -1.226725e+14
2405	1365	5 -7.008015e+14
2406	1170	6 3.226292e+03
2407	524	5 -5.781290e+14
2408	171	4 -5.781290e+14
2409	1041	1 -2.966093e+15
2410	596	8 1.475792e+03
2411	311	7 6.157917e+02
2412	1216	0 8.971667e+02
2413	1023	7 1.942792e+03
2414	1373	3 -7.008015e+14
2415	84	5 -1.226725e+14
2416	50	9 -1.226725e+14
2417	403	1 -3.544222e+15
2418	1059	3 -5.781290e+14

1338	8 -7.008015e+14
14	4 -7.008015e+14
440	2 2.140292e+03
1022	7 -5.781290e+14
1490	5 -7.008015e+14
675	5 -5.781290e+14
568	7 2.519792e+03
1251	5 -7.008015e+14
63	3 -1.226725e+14
913	3 2.120667e+03
615	3 -5.781290e+14
1207	6 -5.781290e+14
877	2 -5.781290e+14
1035	5 3.946823e+03
483	0 -6.468333e+02
1103	5 3.218323e+03
951	7 -5.781290e+14
1180	8 -5.781290e+14
819	8 2.573292e+03
573	2 2.031542e+03
813	5 3.226823e+03
1144	8 -5.781290e+14
781	8 7.027917e+02
105	7 -1.226725e+14
1505	8 -7.008015e+14
	14 440 1022 1490 675 568 1251 63 913 615 1207 877 1035 483 1103 951 1180 819 573 813 1144 781 105

2444	836	2 -5.781290e+14
2445	1298	1 -3.666895e+15
2446	137	5 -1.226725e+14
2447	652	9 3.968292e+03
2448	820	8 -5.781290e+14
2449	721	1 -2.966093e+15
2450	1517	2 -7.008015e+14
2451	192	3 3.634667e+03
2452	771	3 -5.781290e+14
2453	1317	6 -7.008015e+14
2454	535	1 -2.966093e+15
2455	152	0 -1.336333e+03
2456	720	2 -5.781290e+14
2457	215	3 -5.781290e+14
2458	1204	3 -5.781290e+14
2459	785	8 3.948292e+03
2460	622	1 -3.544222e+15
2461	985	9 1.720792e+03
2462	936	6 -5.781290e+14
2463	1519	9 -7.008015e+14
2464	393	2 3.077542e+03
2465	472	6 -5.781290e+14
2466	337	6 -5.781290e+14
2467	1426	5 -7.008015e+14
2468	1531	7 -7.008015e+14

2469	759	2 -5.781290e+14
2470	769	2 8.235417e+02
2471	635	6 2.993292e+03
2472	722	4 6.979167e+02
2473	271	2 1.991292e+03
2474	1450	8 -7.008015e+14
2475	1014	5 -5.781290e+14
2476	1353	8 -7.008015e+14
2477	1310	5 -7.008015e+14
2478	1033	1 -3.544222e+15
2479	1323	4 -7.008015e+14
2480	171	5 -5.781290e+14
2481	455	3 -5.781290e+14
2482	880	6 -5.781290e+14
2483	428	5 -5.781290e+14
2484	1147	8 -5.781290e+14
2485	1287	2 -7.008015e+14
2486	1094	2 2.079792e+03
2487	590	5 -5.781290e+14
2488	1340	0 -7.008015e+14
2489	1160	1 -2.966093e+15
2490	892	8 6.437917e+02
2491	452	2 3.498792e+03
2492	412	6 -5.781290e+14
2493	960	5 -5.781290e+14

2494	1022	8 -5.781290e+14
2495	4	7 -7.008015e+14
2496	1443	1 -3.666895e+15
2497	1320	1 -3.666895e+15
2498	998	3 -5.781290e+14
2499	1418	4 -7.008015e+14
2500	1063	3 -5.781290e+14
2501	428	1 -3.544222e+15
2502	247	7 -5.781290e+14
2503	587	9 -5.781290e+14
2504	639	0 -4.428333e+02
2505	925	4 -9.130833e+02
2506	208	6 3.269042e+03
2507	472	3 -5.781290e+14
2508	164	7 -5.781290e+14
2509	391	1 -2.966093e+15
2510	638	5 -5.781290e+14
2511	807	2 1.456792e+03
2512	848	9 2.418292e+03
2513	909	1 -3.544222e+15
2514	285	5 2.663323e+03
2515	1489	0 -7.008015e+14
2516	636	0 3.341667e+02
2517	499	6 1.641792e+03
2518	1468	1 -3.666895e+15

2519	963	2 1.724042e+03
2520	1146	5 -5.781290e+14
2521	175	7 3.033292e+03
2522	1152	0 -1.313333e+03
2523	257	3 1.418667e+03
2524	764	1 -2.966093e+15
2525	1530	6 -7.008015e+14
2526	367	3 -5.781290e+14
2527	965	5 -5.781290e+14
2528	117	3 -1.226725e+14
2529	188	3 3.461667e+03
2530	516	9 3.149292e+03
2531	568	8 2.562792e+03
2532	710	6 1.415792e+03
2533	48	6 -1.226725e+14
2534	1540	4 -7.008015e+14
2535	297	9 2.000792e+03
2536	590	7 -5.781290e+14
2537	513	1 -2.966093e+15
2538	111	9 -1.226725e+14
2539	496	8 -5.781290e+14
2540	1264	7 -7.008015e+14
2541	82	6 -1.226725e+14
2542	153	5 3.788323e+03
2543	238	3 -5.781290e+14

2544	895	8 -5.781290e+14
2545	478	9 -5.781290e+14
2546	97	6 -1.226725e+14
2547	33	5 -1.226725e+14
2548	952	3 -5.781290e+14
2549	1316	5 -7.008015e+14
2550	165	9 2.793792e+03
2551	1511	8 -7.008015e+14
2552	385	2 3.181292e+03
2553	572	9 3.047292e+03
2554	1112	6 -5.781290e+14
2555	1352	5 -7.008015e+14
2556	1241	2 -5.781290e+14
2557	838	1 -2.966093e+15
2558	713	3 1.506667e+03
2559	157	8 2.943292e+03
2560	1369	7 -7.008015e+14
2561	467	4 -5.781290e+14
2562	775	3 3.348167e+03
2563	456	2 -5.781290e+14
2564	448	3 2.674667e+03
2565	372	8 -5.781290e+14
2566	413	3 3.086667e+02
2567	1293	2 -7.008015e+14
2568	738	0 -5.781290e+14

2569	1194	1 -2.966093e+15
2570	214	9 -5.781290e+14
2571	1537	9 -7.008015e+14
2572	972	3 -5.781290e+14
2573	720	1 -3.544222e+15
2574	1080	9 -5.781290e+14
2575	75	1 -3.088766e+15
2576	1265	2 -7.008015e+14
2577	563	5 3.504823e+03
2578	1090	7 -5.781290e+14
2579	1367	2 -7.008015e+14
2580	518	8 -5.781290e+14
2581	263	8 2.663792e+03
2582	1186	6 -5.781290e+14
2583	1385	6 -7.008015e+14
2584	1354	4 -7.008015e+14
2585	751	9 2.160292e+03
2586	163	5 -5.781290e+14
2587	1519	6 -7.008015e+14
2588	818	2 4.160292e+03
2589	395	5 -5.781290e+14
2590	1489	1 -3.666895e+15
2591	200	2 1.515292e+03
2592	622	2 -5.781290e+14
2593	266	1 -2.966093e+15

2594	1303	8 -7.008015e+14
2595	994	3 -5.781290e+14
2596	452	3 3.108667e+03
2597	1402	0 -7.008015e+14
2598	997	8 -5.781290e+14
2599	202	5 2.706323e+03
2600	419	4 -4.410833e+02
2601	1071	7 1.913042e+03
2602	1422	9 -7.008015e+14
2603	1143	8 -5.781290e+14
2604	996	8 2.134292e+03
2605	850	4 5.019167e+02
2606	554	1 -2.966093e+15
2607	936	1 -3.544222e+15
2608	654	9 1.860292e+03
2609	1296	4 -7.008015e+14
2610	587	2 -5.781290e+14
2611	1052	2 -5.781290e+14
2612	825	2 -5.781290e+14
2613	1431	9 -7.008015e+14
2614	518	1 -3.544222e+15
2615	147	2 -5.781290e+14
2616	571	9 1.543292e+03
2617	631	9 3.584792e+03
2618	1190	8 2.989792e+03

298	8 1.883792e+03
197	5 -5.781290e+14
371	4 -5.781290e+14
1292	4 -7.008015e+14
1097	5 4.095823e+03
1507	2 -7.008015e+14
1341	4 -7.008015e+14
143	0 -1.226725e+14
864	6 2.001792e+03
1504	0 -7.008015e+14
1219	3 1.105667e+03
539	8 1.889792e+03
1237	5 4.594823e+03
590	8 -5.781290e+14
865	7 2.743292e+03
1540	5 -7.008015e+14
1150	6 -5.781290e+14
367	8 -5.781290e+14
535	3 1.281667e+03
1112	1 -3.544222e+15
60	6 -1.226725e+14
132	8 -1.226725e+14
1529	3 -7.008015e+14
665	7 -5.781290e+14
336	7 2.796292e+03
	197 371 1292 1097 1507 1341 143 864 1504 1219 539 1237 590 865 1540 1150 367 535 1112 60 132 1529 665

2644	819	7 2.558292e+03
2645	253	2 1.576792e+03
2646	52	8 -1.226725e+14
2647	765	9 -5.781290e+14
2648	1482	0 -7.008015e+14
2649	609	5 -5.781290e+14
2650	667	0 1.033167e+03
2651	543	3 3.306667e+03
2652	184	0 -5.781290e+14
2653	272	9 -5.781290e+14
2654	470	6 -5.781290e+14
2655	1262	8 -7.008015e+14
2656	743	6 1.797292e+03
2657	754	5 -5.781290e+14
2658	584	1 -2.966093e+15
2659	1011	8 1.806792e+03
2660	862	2 1.184292e+03
2661	347	9 -5.781290e+14
2662	778	2 -5.781290e+14
2663	792	0 4.701667e+02
2664	925	1 -2.966093e+15
2665	135	6 -1.226725e+14
2666	526	9 4.236292e+03
2667	788	6 -5.781290e+14
2668	250	2 1.879042e+03

2669	1308	5 -7.008015e+14
2670	1460	6 -7.008015e+14
2671	340	3 1.639167e+03
2672	677	5 -5.781290e+14
2673	51	6 -1.226725e+14
2674	1254	9 -7.008015e+14
2675	633	3 -5.781290e+14
2676	1081	2 -5.781290e+14
2677	1441	0 -7.008015e+14
2678	1116	5 2.713323e+03
2679	305	2 2.504292e+03
2680	486	4 -5.781290e+14
2681	1341	6 -7.008015e+14
2682	227	6 4.191542e+03
2683	1051	3 2.032667e+03
2684	272	8 -5.781290e+14
2685	209	8 -5.781290e+14
2686	1419	6 -7.008015e+14
2687	415	7 7.980417e+02
2688	522	7 -5.781290e+14
2689	451	9 -5.781290e+14
2690	1282	5 -7.008015e+14
2691	219	2 -5.781290e+14
2692	456	3 -5.781290e+14
2693	107	6 -1.226725e+14

627	4 -5.781290e+14
1515	7 -7.008015e+14
1463	2 -7.008015e+14
891	7 2.231292e+03
265	5 5.005823e+03
402	1 -3.544222e+15
114	2 -1.226725e+14
1179	1 -3.544222e+15
1322	7 -7.008015e+14
1142	6 -5.781290e+14
1261	7 -7.008015e+14
750	9 -5.781290e+14
1091	3 -5.781290e+14
1490	3 -7.008015e+14
1465	8 -7.008015e+14
305	6 2.596042e+03
344	2 2.915792e+03
470	2 -5.781290e+14
1349	0 -7.008015e+14
1255	3 -7.008015e+14
1401	5 -7.008015e+14
1180	6 -5.781290e+14
1319	6 -7.008015e+14
127	8 -7.008015e+14
1267	9 -7.008015e+14
	1515 1463 891 265 402 114 1179 1322 1142 1261 750 1091 1490 1465 305 344 470 1349 1255 1401 1180 1319 127

2719	353	7 1.795292e+03
2720	93	1 -3.088766e+15
2721	897	0 -5.303333e+02
2722	1170	9 3.237292e+03
2723	1337	1 -3.666895e+15
2724	700	2 2.598292e+03
2725	1187	6 2.845292e+03
2726	376	3 1.408667e+03
2727	1429	4 -7.008015e+14
2728	665	5 -5.781290e+14
2729	531	3 5.966667e+02
2730	777	5 3.862323e+03
2731	257	6 1.872042e+03
2732	651	8 -5.781290e+14
2733	278	6 2.391292e+03
2734	1083	3 3.599667e+03
2735	726	2 1.188542e+03
2736	1312	2 -7.008015e+14
2737	1394	3 -7.008015e+14
2738	513	7 8.807917e+02
2739	1386	7 -7.008015e+14
2740	1304	8 -7.008015e+14
2741	1170	3 2.839667e+03
2742	1168	6 2.032292e+03
2743	1013	7 2.351292e+03

2744	164	1 -3.544222e+15
2745	258	3 1.822167e+03
2746	593	7 -5.781290e+14
2747	1326	9 -7.008015e+14
2748	1404	7 -7.008015e+14
2749	1504	2 -7.008015e+14
2750	1416	3 -7.008015e+14
2751	912	4 -1.267083e+03
2752	207	3 2.824167e+03
2753	1352	1 -3.666895e+15
2754	1259	1 -3.666895e+15
2755	211	3 2.260667e+03
2756	987	2 -5.781290e+14
2757	822	6 -5.781290e+14
2758	344	9 2.919792e+03
2759	1037	2 -5.781290e+14
2760	1139	4 -4.145833e+02
2761	1363	2 -7.008015e+14
2762	519	7 2.959792e+03
2763	1148	9 3.582792e+03
2764	1353	3 -7.008015e+14
2765	459	6 -5.781290e+14
2766	655	5 3.056323e+03
2767	564	3 2.432667e+03
2768	971	8 -5.781290e+14

2769	1207	2 -5.781290e+14
2770	1392	5 -7.008015e+14
2771	427	0 -5.781290e+14
2772	1507	7 -7.008015e+14
2773	462	1 -2.966093e+15
2774	1035	7 2.403792e+03
2775	1488	1 -3.666895e+15
2776	1423	8 -7.008015e+14
2777	673	1 -2.966093e+15
2778	1108	3 -5.781290e+14
2779	820	0 -5.781290e+14
2780	170	8 2.924292e+03
2781	764	5 4.880323e+03
2782	445	7 -5.781290e+14
2783	448	6 3.117292e+03
2784	870	6 4.304792e+03
2785	909	3 -5.781290e+14
2786	1160	9 2.928792e+03
2787	1033	5 -5.781290e+14
2788	1508	0 -7.008015e+14
2789	1395	7 -7.008015e+14
2790	1106	8 1.919792e+03
2791	577	9 -5.781290e+14
2792	119	9 -1.226725e+14
2793	121	5 -1.226725e+14

2794	175	9 3.201292e+03
2795	1246	0 8.116667e+02
2796	492	3 9.696667e+02
2797	225	1 -2.966093e+15
2798	970	4 -5.781290e+14
2799	1343	4 -7.008015e+14
2800	307	1 -2.966093e+15
2801	1511	6 -7.008015e+14
2802	589	2 -5.781290e+14
2803	1265	1 -3.666895e+15
2804	552	1 -3.544222e+15
2805	1079	9 3.210292e+03
2806	306	2 -5.781290e+14
2807	547	4 -4.175833e+02
2808	1086	8 1.494792e+03
2809	180	6 3.607792e+03
2810	153	2 2.415292e+03
2811	1019	1 -2.966093e+15
2812	660	9 -5.781290e+14
2813	1290	7 -7.008015e+14
2814	1187	1 -2.966093e+15
2815	1484	2 -7.008015e+14
2816	360	6 -5.781290e+14
2817	843	3 2.641667e+03
2818	413	1 -2.966093e+15

2819	1224	4 -5.781290e+14
2820	316	7 1.430542e+03
2821	1006	9 -5.781290e+14
2822	624	1 -2.966093e+15
2823	1050	4 -5.781290e+14
2824	1505	1 -3.666895e+15
2825	1133	6 -5.781290e+14
2826	936	5 -5.781290e+14
2827	1367	0 -7.008015e+14
2828	1286	8 -7.008015e+14
2829	350	4 -1.745833e+02
2830	1103	4 -1.450833e+02
2831	45	8 -1.226725e+14
2832	1102	6 -5.781290e+14
2833	66	2 -1.226725e+14
2834	934	1 -3.544222e+15
2835	109	5 -1.226725e+14
2836	1171	0 -5.781290e+14
2837	256	4 1.358917e+03
2838	686	1 -3.544222e+15
2839	369	7 -5.781290e+14
2840	388	3 -5.781290e+14
2841	292	1 -2.966093e+15
2842	421	5 3.708823e+03
2843	702	4 -5.781290e+14

2844	1309	3 -7.008015e+14
2845	246	5 2.354323e+03
2846	965	8 -5.781290e+14
2847	1	3 -7.008015e+14
2848	145	0 -5.781290e+14
2849	397	2 -5.781290e+14
2850	1088	0 -5.781290e+14
2851	726	4 -8.220833e+02
2852	1390	1 -3.666895e+15
2853	418	7 4.035292e+03
2854	1490	2 -7.008015e+14
2855	1358	2 -7.008015e+14
2856	1238	7 1.726792e+03
2857	968	5 3.815323e+03
2858	1304	7 -7.008015e+14
2859	1348	1 -3.666895e+15
2860	1339	7 -7.008015e+14
2861	863	5 -5.781290e+14
2862	1127	0 -2.673333e+02
2863	219	5 -5.781290e+14
2864	421	8 2.260292e+03
2865	584	0 5.136667e+02
2866	771	9 -5.781290e+14
2867	131	1 -3.088766e+15
2868	494	1 -2.966093e+15

2869	400	5 4.826323e+03
2870	1032	1 -2.966093e+15
2871	381	0 -5.781290e+14
2872	541	3 6.606667e+02
2873	1257	1 -3.666895e+15
2874	309	2 8.177917e+02
2875	1541	7 -7.008015e+14
2876	724	5 -5.781290e+14
2877	1173	9 3.002792e+03
2878	201	3 2.566167e+03
2879	1503	3 -7.008015e+14
2880	520	2 1.139042e+03
2881	171	9 -5.781290e+14
2882	411	6 -5.781290e+14
2883	1375	3 -7.008015e+14
2884	416	8 3.364292e+03
2885	444	1 -3.544222e+15
2886	1293	9 -7.008015e+14
2887	450	7 1.831792e+03
2888	855	1 -3.544222e+15
2889	436	5 -5.781290e+14
2890	300	9 3.535792e+03
2891	219	9 -5.781290e+14
2892	1461	8 -7.008015e+14
2893	1141	2 -5.781290e+14

2894	1030	9 -5.781290e+14
2895	148	3 -5.781290e+14
2896	454	2 -5.781290e+14
2897	1469	0 -7.008015e+14
2898	301	0 -5.781290e+14
2899	128	6 -1.226725e+14
2900	1348	3 -7.008015e+14
2901	1399	1 -3.666895e+15
2902	1274	7 -7.008015e+14
2903	855	6 -5.781290e+14
2904	1235	9 -5.781290e+14
2905	520	0 -8.953333e+02
2906	64	2 -1.226725e+14
2907	1542	6 -7.008015e+14
2908	331	2 2.411792e+03
2909	862	7 9.937917e+02
2910	143	4 -1.226725e+14
2911	716	5 -5.781290e+14
2912	1088	9 -5.781290e+14
2913	1350	9 -7.008015e+14
2914	1357	2 -7.008015e+14
2915	930	3 -5.781290e+14
2916	865	4 9.359167e+02
2917	1343	9 -7.008015e+14
2918	273	7 6.467917e+02

33	1 -3.088766e+15
1058	6 -5.781290e+14
503	0 -5.781290e+14
1111	7 2.771792e+03
932	0 1.087167e+03
480	9 2.916792e+03
1160	7 2.750792e+03
1030	7 -5.781290e+14
125	9 -1.226725e+14
951	4 -5.781290e+14
495	3 -5.781290e+14
1197	2 4.172292e+03
996	1 -2.966093e+15
663	7 -5.781290e+14
737	9 2.137292e+03
512	1 -3.544222e+15
278	3 1.938667e+03
1200	7 3.600292e+03
842	3 -5.781290e+14
381	1 -3.544222e+15
294	7 -5.781290e+14
856	2 -5.781290e+14
59	5 -1.226725e+14
1117	2 2.629542e+03
132	7 -1.226725e+14
	1058 503 1111 932 480 1160 1030 125 951 495 1197 996 663 737 512 278 1200 842 381 294 856 59 1117

2944	1089	5 -5.781290e+14
2945	210	9 1.600292e+03
2946	636	3 1.990167e+03
2947	340	5 3.383323e+03
2948	73	2 -1.226725e+14
2949	945	9 9.522917e+02
2950	1301	6 -7.008015e+14
2951	727	2 3.207042e+03
2952	236	1 -2.966093e+15
2953	1226	2 -5.781290e+14
2954	308	7 2.597792e+03
2955	1002	2 3.055292e+03
2956	1034	2 -5.781290e+14
2957	1529	1 -3.666895e+15
2958	1354	8 -7.008015e+14
2959	69	9 -1.226725e+14
2960	954	8 3.789792e+03
2961	1052	3 -5.781290e+14
2962	1016	7 -5.781290e+14
2963	680	2 -5.781290e+14
2964	1135	6 -5.781290e+14
2965	346	3 1.678667e+03
2966	1410	1 -3.666895e+15
2967	1013	5 3.874323e+03
2968	1220	4 -5.781290e+14

2969	74	3 -1.226725e+14
2970	1532	7 -7.008015e+14
2971	61	1 -3.088766e+15
2972	1274	9 -7.008015e+14
2973	1502	7 -7.008015e+14
2974	1239	4 -5.781290e+14
2975	1414	3 -7.008015e+14
2976	1423	7 -7.008015e+14
2977	1509	3 -7.008015e+14
2978	1406	8 -7.008015e+14
2979	202	0 -6.953333e+02
2980	113	1 -3.088766e+15
2981	25	7 -1.226725e+14
2982	1067	0 -5.781290e+14
2983	592	0 -8.148333e+02
2984	964	3 -5.781290e+14
2985	70	5 -1.226725e+14
2986	749	5 3.930323e+03
2987	317	2 -5.781290e+14
2988	1247	5 -5.781290e+14
2989	355	0 -2.723333e+02
2990	406	7 -5.781290e+14
2991	1334	8 -7.008015e+14
2992	942	1 -2.966093e+15
2993	972	8 -5.781290e+14

2994	311	1 -2.966093e+15
2995	1068	7 -5.781290e+14
2996	1482	7 -7.008015e+14
2997	1319	5 -7.008015e+14
2998	307	6 1.978792e+03
2999	418	9 4.248792e+03
3000	478	2 -5.781290e+14
3001	930	2 -5.781290e+14
3002	135	1 -3.088766e+15
3003	295	2 3.776542e+03
3004	236	6 3.969542e+03
3005	1180	1 -3.544222e+15
3006	98	9 -1.226725e+14
3007	318	9 -5.781290e+14
3008	981	2 -5.781290e+14
3009	1397	5 -7.008015e+14
3010	572	5 4.375323e+03
3011	574	2 -5.781290e+14
3012	1347	6 -7.008015e+14
3013	1228	5 4.524823e+03
3014	184	3 -5.781290e+14
3015	1455	1 -3.666895e+15
3016	947	6 3.338042e+03
3017	99	4 -1.226725e+14
3018	1473	8 -7.008015e+14

3019	1007	6 -5.781290e+14
3020	62	5 -1.226725e+14
3021	1316	1 -3.666895e+15
3022	183	9 -5.781290e+14
3023	1021	0 -5.781290e+14
3024	1477	7 -7.008015e+14
3025	1470	7 -7.008015e+14
3026	686	8 -5.781290e+14
3027	581	0 -5.781290e+14
3028	1183	0 -5.781290e+14
3029	501	9 -5.781290e+14
3030	931	3 2.114667e+03
3031	1277	0 -7.008015e+14
3032	685	2 -5.781290e+14
3033	503	1 -3.544222e+15
3034	769	3 4.396667e+02
3035	117	1 -3.088766e+15
3036	1226	6 -5.781290e+14
3037	256	6 3.406042e+03
3038	1116	7 1.148792e+03
3039	1229	1 -3.544222e+15
3040	583	1 -3.544222e+15
3041	687	9 1.021292e+03
3042	102	2 -1.226725e+14
3043	220	3 3.061667e+03

3044	1242	9 -5.781290e+14
3045	472	5 -5.781290e+14
3046	991	2 -5.781290e+14
3047	314	0 -3.463333e+02
3048	207	2 3.187792e+03
3049	191	3 -5.781290e+14
3050	1412	1 -3.666895e+15
3051	581	2 -5.781290e+14
3052	90	9 -1.226725e+14
3053	313	7 1.492292e+03
3054	1070	6 -5.781290e+14
3055	22	3 -1.226725e+14
3056	443	5 3.759823e+03
3057	1509	5 -7.008015e+14
3058	844	3 -5.781290e+14
3059	394	1 -3.544222e+15
3060	1529	4 -7.008015e+14
3061	489	3 -5.781290e+14
3062	827	8 -5.781290e+14
3063	320	2 1.859042e+03
3064	678	4 -5.781290e+14
3065	42	7 -1.226725e+14
3066	47	1 -3.088766e+15
3067	1407	4 -7.008015e+14
3068	226	5 2.462823e+03

3069	531	1 -2.966093e+15
3070	680	1 -3.544222e+15
3071	1116	1 -2.966093e+15
3072	930	4 -5.781290e+14
3073	1014	1 -3.544222e+15
3074	983	8 -5.781290e+14
3075	1004	8 -5.781290e+14
3076	1432	5 -7.008015e+14
3077	606	5 -5.781290e+14
3078	67	5 -1.226725e+14
3079	971	2 -5.781290e+14
3080	1068	2 -5.781290e+14
3081	798	7 1.903292e+03
3082	1329	5 -7.008015e+14
3083	105	4 -1.226725e+14
3084	251	6 1.898292e+03
3085	1526	4 -7.008015e+14
3086	1494	3 -7.008015e+14
3087	632	4 2.169167e+02
3088	25	5 -1.226725e+14
3089	939	8 1.409792e+03
3090	808	3 2.057667e+03
3091	354	5 2.051823e+03
3092	1387	8 -7.008015e+14
3093	86	9 -1.226725e+14

3094	1315	2 -7.008015e+14
3095	1361	6 -7.008015e+14
3096	779	4 -1.235833e+02
3097	488	1 -3.544222e+15
3098	1118	5 3.843323e+03
3099	168	8 2.756292e+03
3100	530	3 3.637167e+03
3101	995	6 -5.781290e+14
3102	891	8 2.306792e+03
3103	283	8 3.966292e+03
3104	622	5 -5.781290e+14
3105	1002	3 2.646667e+03
3106	791	2 -5.781290e+14
3107	106	1 -3.088766e+15
3108	188	9 3.776792e+03
3109	60	4 -1.226725e+14
3110	956	0 1.776167e+03
3111	790	4 -5.781290e+14
3112	901	3 7.831667e+02
3113	1081	5 -5.781290e+14
3114	474	5 5.599323e+03
3115	1499	2 -7.008015e+14
3116	55	9 -1.226725e+14
3117	910	1 -2.966093e+15
3118	706	5 3.282323e+03

3119	752	6 1.011292e+03
3120	1237	6 3.306542e+03
3121	1260	5 -7.008015e+14
3122	983	2 -5.781290e+14
3123	683	2 -5.781290e+14
3124	467	7 -5.781290e+14
3125	644	4 -5.781290e+14
3126	1471	5 -7.008015e+14
3127	230	7 -5.781290e+14
3128	235	7 -5.781290e+14
3129	1248	1 -2.966093e+15
3130	1356	7 -7.008015e+14
3131	1461	7 -7.008015e+14
3132	331	5 3.753323e+03
3133	1000	9 2.581792e+03
3134	342	5 -5.781290e+14
3135	988	3 2.747667e+03
3136	184	2 -5.781290e+14
3137	1093	8 -5.781290e+14
3138	87	6 -1.226725e+14
3139	939	6 1.538292e+03
3140	595	3 2.838667e+03
3141	767	5 -5.781290e+14
3142	507	8 3.015792e+03
3143	801	9 -5.781290e+14

3144	1536	1 -3.666895e+15
3145	333	2 1.070292e+03
3146	360	5 -5.781290e+14
3147	266	9 1.452792e+03
3148	1200	1 -2.966093e+15
3149	1519	0 -7.008015e+14
3150	1015	1 -3.544222e+15
3151	945	8 8.472917e+02
3152	16	4 -7.008015e+14
3153	774	1 -3.544222e+15
3154	1385	2 -7.008015e+14
3155	1280	1 -3.666895e+15
3156	416	5 4.818823e+03
3157	1450	9 -7.008015e+14
3158	632	7 2.004792e+03
3159	286	4 1.853917e+03
3160	670	5 -5.781290e+14
3161	228	3 2.070667e+03
3162	1363	6 -7.008015e+14
3163	1497	4 -7.008015e+14
3164	1124	1 -2.966093e+15
3165	217	8 9.052917e+02
3166	254	9 -5.781290e+14
3167	1411	3 -7.008015e+14
3168	188	5 5.174823e+03

3169	1438	2 -7.008015e+14
3170	1461	2 -7.008015e+14
3171	680	8 -5.781290e+14
3172	405	8 4.040292e+03
3173	329	5 -5.781290e+14
3174	82	1 -3.088766e+15
3175	71	3 -1.226725e+14
3176	685	6 -5.781290e+14
3177	565	9 1.933792e+03
3178	740	9 3.558792e+03
3179	631	6 3.619042e+03
3180	298	2 2.019292e+03
3181	608	2 1.470792e+03
3182	930	0 -5.781290e+14
3183	420	2 8.377917e+02
3184	1371	6 -7.008015e+14
3185	92	8 -1.226725e+14
3186	1038	8 8.822917e+02
3187	936	7 -5.781290e+14
3188	1195	7 3.421292e+03
3189	257	2 1.794792e+03
3190	1433	1 -3.666895e+15
3191	706	7 1.733792e+03
3192	1060	3 -5.781290e+14
3193	1276	8 -7.008015e+14

3194	550	9 3.531792e+03
3195	531	2 1.018042e+03
3196	1017	2 -5.781290e+14
3197	120	2 -1.226725e+14
3198	1059	2 -5.781290e+14
3199	1175	6 3.003792e+03
3200	217	5 2.341323e+03
3201	1005	7 2.533042e+03
3202	1247	9 -5.781290e+14
3203	697	9 -5.781290e+14
3204	893	3 2.712667e+03
3205	980	0 -5.781290e+14
3206	268	0 -5.781290e+14
3207	1069	0 -5.781290e+14
3208	747	0 8.816666e+01
3209	233	4 1.194917e+03
3210	1443	8 -7.008015e+14
3211	291	9 -5.781290e+14
3212	492	7 1.175292e+03
3213	68	8 -1.226725e+14
3214	713	8 1.766292e+03
3215	393	8 2.975292e+03
3216	630	5 2.942323e+03
3217	616	1 -3.544222e+15
3218	1239	1 -3.544222e+15

3219	636	5 3.713323e+03
3220	1192	2 1.772542e+03
3221	1383	7 -7.008015e+14
3222	1133	0 -5.781290e+14
3223	37	2 -1.226725e+14
3224	679	9 -5.781290e+14
3225	644	9 -5.781290e+14
3226	213	9 -5.781290e+14
3227	1164	5 2.751323e+03
3228	171	2 -5.781290e+14
3229	1522	2 -7.008015e+14
3230	315	3 -5.781290e+14
3231	1112	4 -5.781290e+14
3232	235	3 -5.781290e+14
3233	1090	6 -5.781290e+14
3234	1064	8 2.811292e+03
3235	1165	5 5.622323e+03
3236	1041	7 7.050417e+02
3237	712	1 -2.966093e+15
3238	757	5 2.929323e+03
3239	1298	4 -7.008015e+14
3240	279	6 2.059542e+03
3241	538	0 -5.781290e+14
3242	32	3 -1.226725e+14
3243	691	6 -5.781290e+14

3244	51	5 -1.226725e+14
3245	557	0 1.493167e+03
3246	122	7 -1.226725e+14
3247	503	5 -5.781290e+14
3248	1533	7 -7.008015e+14
3249	1369	1 -3.666895e+15
3250	1216	3 2.514667e+03
3251	638	9 -5.781290e+14
3252	708	8 2.833292e+03
3253	1358	7 -7.008015e+14
3254	95	7 -1.226725e+14
3255	741	3 1.643167e+03
3256	383	1 -2.966093e+15
3257	1141	4 -5.781290e+14
3258	1366	7 -7.008015e+14
3259	517	1 -3.544222e+15
3260	506	7 1.791542e+03
3261	1166	1 -3.544222e+15
3262	49	7 -1.226725e+14
3263	390	7 1.003792e+03
3264	1213	4 -5.781290e+14
3265	746	9 -5.781290e+14
3266	454	1 -3.544222e+15
3267	149	0 -5.781290e+14
3268	1080	6 -5.781290e+14

187	8 6.822917e+02
1300	6 -7.008015e+14
245	4 1.462417e+03
274	1 -3.544222e+15
159	1 -2.966093e+15
570	6 3.691042e+03
1381	8 -7.008015e+14
1482	6 -7.008015e+14
1092	3 2.120667e+03
1331	6 -7.008015e+14
339	3 2.329167e+03
358	4 -5.781290e+14
1200	0 1.743667e+03
390	4 -8.465833e+02
1136	2 -5.781290e+14
220	9 3.438792e+03
371	1 -3.544222e+15
340	1 -2.966093e+15
938	3 3.735667e+03
1237	2 3.282042e+03
712	6 2.557792e+03
644	5 -5.781290e+14
57	2 -1.226725e+14
1182	0 -7.058333e+02
120	5 -1.226725e+14
	1300 245 274 159 570 1381 1482 1092 1331 339 358 1200 390 1136 220 371 340 938 1237 712 644 57 1182

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3295	46	5 -1.226725e+14
3296	735	7 3.818792e+03
3297	908	9 2.990292e+03
3298	970	5 -5.781290e+14
3299	563	8 2.038792e+03
3300	663	8 -5.781290e+14
3301	350	9 1.786792e+03
3302	204	1 -2.966093e+15
3303	340	2 2.018292e+03
3304	1132	6 -5.781290e+14
3305	1318	9 -7.008015e+14
3306	443	6 2.468042e+03
3307	1359	1 -3.666895e+15
3308	880	9 -5.781290e+14
3309	471	3 -5.781290e+14
3310	985	6 1.781542e+03
3311	466	2 -5.781290e+14
3312	105	6 -1.226725e+14
3313	228	4 4.099167e+02
3314	1155	9 -5.781290e+14
3315	646	6 -5.781290e+14
3316	1346	0 -7.008015e+14
3317	138	2 -1.226725e+14
3318	1443	3 -7.008015e+14

113	0 -1.226725e+14
958	1 -3.544222e+15
843	6 3.012792e+03
688	8 -5.781290e+14
234	7 4.029542e+03
1537	6 -7.008015e+14
372	0 -5.781290e+14
1220	2 -5.781290e+14
1492	3 -7.008015e+14
1509	1 -3.666895e+15
1381	5 -7.008015e+14
1048	5 3.420323e+03
1068	9 -5.781290e+14
487	5 4.350823e+03
691	2 -5.781290e+14
676	8 1.497292e+03
1253	9 -7.008015e+14
1405	1 -3.666895e+15
739	1 -3.544222e+15
1269	6 -7.008015e+14
280	7 5.730417e+02
126	0 -1.226725e+14
414	5 -5.781290e+14
343	5 2.229323e+03
331	6 2.427292e+03
	958 843 688 234 1537 372 1220 1492 1509 1381 1048 1068 487 691 676 1253 1405 739 1269 280 126 414 343

3344	1469	1 -3.666895e+15
3345	1349	3 -7.008015e+14
3346	490	4 -5.781290e+14
3347	674	3 3.255667e+03
3348	991	8 -5.781290e+14
3349	466	0 -5.781290e+14
3350	1272	3 -7.008015e+14
3351	1272	4 -7.008015e+14
3352	1283	7 -7.008015e+14
3353	1001	6 4.246792e+03
3354	1152	6 7.772917e+02
3355	853	9 -5.781290e+14
3356	1427	1 -3.666895e+15
3357	791	7 -5.781290e+14
3358	1476	9 -7.008015e+14
3359	690	9 -5.781290e+14
3360	334	9 7.092917e+02
3361	673	7 2.464042e+03
3362	427	6 -5.781290e+14
3363	575	1 -3.544222e+15
3364	879	4 -5.781290e+14
3365	577	0 -5.781290e+14
3366	222	5 -5.781290e+14
3367	716	9 -5.781290e+14
3368	1233	9 -5.781290e+14

3369	910	5 2.067323e+03
3370	267	1 -2.966093e+15
3371	753	6 1.007542e+03
3372	53	3 -1.226725e+14
3373	730	3 1.384667e+03
3374	387	5 -5.781290e+14
3375	669	7 -5.781290e+14
3376	539	7 1.854542e+03
3377	249	7 2.726292e+03
3378	509	4 -5.781290e+14
3379	350	6 1.864792e+03
3380	832	6 -5.781290e+14
3381	1097	8 2.652292e+03
3382	866	9 -5.781290e+14
3383	1096	0 9.131667e+02
3384	999	8 -5.781290e+14
3385	371	3 -5.781290e+14
3386	1528	3 -7.008015e+14
3387	303	7 -5.781290e+14
3388	1111	2 2.943542e+03
3389	1305	1 -3.666895e+15
3390	1242	4 -5.781290e+14
3391	1086	1 -2.966093e+15
3392	283	9 4.108292e+03
3393	72	3 -1.226725e+14

3394	170	9 3.021292e+03
3395	1317	9 -7.008015e+14
3396	355	6 1.790792e+03
3397	763	5 3.103323e+03
3398	1297	2 -7.008015e+14
3399	1457	5 -7.008015e+14
3400	725	4 -5.781290e+14
3401	719	6 -5.781290e+14
3402	1446	8 -7.008015e+14
3403	1385	8 -7.008015e+14
3404	457	5 2.824823e+03
3405	48	8 -1.226725e+14
3406	518	6 -5.781290e+14
3407	777	1 -2.966093e+15
3408	664	2 2.000042e+03
3409	1438	8 -7.008015e+14
3410	521	9 -5.781290e+14
3411	727	5 4.557323e+03
3412	26	9 -1.226725e+14
3413	986	7 1.570792e+03
3414	593	2 -5.781290e+14
3415	1522	8 -7.008015e+14
3416	1233	1 -3.544222e+15
3417	1432	1 -3.666895e+15
3418	511	6 -5.781290e+14

3419	541	9 1.020292e+03
3420	1274	2 -7.008015e+14
3421	866	3 -5.781290e+14
3422	1204	8 -5.781290e+14
3423	297	3 1.662667e+03
3424	1530	2 -7.008015e+14
3425	192	7 3.816792e+03
3426	366	6 3.236042e+03
3427	1417	3 -7.008015e+14
3428	260	5 -5.781290e+14
3429	1054	7 3.062792e+03
3430	1247	7 -5.781290e+14
3431	123	8 -1.226725e+14
3432	131	3 -1.226725e+14
3433	776	8 1.384292e+03
3434	135	0 -1.226725e+14
3435	1288	6 -7.008015e+14
3436	183	3 -5.781290e+14
3437	1516	5 -7.008015e+14
3438	1535	9 -7.008015e+14
3439	820	5 -5.781290e+14
3440	1083	9 3.966292e+03
3441	678	2 -5.781290e+14
3442	866	8 -5.781290e+14
3443	898	3 2.146667e+03

601	9 2.697792e+03
45	3 -1.226725e+14
153	3 2.056167e+03
1285	9 -7.008015e+14
475	2 -5.781290e+14
1311	6 -7.008015e+14
143	6 -1.226725e+14
1465	7 -7.008015e+14
215	7 -5.781290e+14
321	6 -5.781290e+14
272	7 -5.781290e+14
618	3 -5.781290e+14
330	9 2.320292e+03
1073	7 -5.781290e+14
16	5 -7.008015e+14
1536	5 -7.008015e+14
677	7 -5.781290e+14
829	6 -5.781290e+14
1012	4 -1.139583e+03
1185	8 -5.781290e+14
1036	9 2.134292e+03
723	7 6.977917e+02
961	5 3.440323e+03
827	5 -5.781290e+14
1070	4 -5.781290e+14
	45 153 1285 475 1311 143 1465 215 321 272 618 330 1073 16 1536 677 829 1012 1185 1036 723 961 827

3469	990	9 3.194792e+03
3470	546	7 1.499542e+03
3471	39	6 -1.226725e+14
3472	786	2 -5.781290e+14
3473	495	4 -5.781290e+14
3474	899	8 1.265792e+03
3475	1024	8 -5.781290e+14
3476	1501	8 -7.008015e+14
3477	1125	8 2.936292e+03
3478	485	3 1.176167e+03
3479	1213	9 -5.781290e+14
3480	397	1 -3.544222e+15
3481	634	3 -5.781290e+14
3482	405	5 5.488323e+03
3483	455	6 -5.781290e+14
3484	655	3 1.309667e+03
3485	1003	6 -5.781290e+14
3486	1329	8 -7.008015e+14
3487	634	7 -5.781290e+14
3488	1316	0 -7.008015e+14
3489	598	7 -5.781290e+14
3490	932	4 1.160417e+03
3491	1055	1 -2.966093e+15
3492	224	6 -5.781290e+14
3493	314	9 1.725292e+03

134	8 -1.226725e+14
1143	9 -5.781290e+14
774	9 -5.781290e+14
1163	9 -5.781290e+14
774	7 -5.781290e+14
78	2 -1.226725e+14
1178	5 4.057323e+03
901	7 9.517917e+02
826	0 -5.781290e+14
4	3 -7.008015e+14
876	6 -5.781290e+14
797	7 -5.781290e+14
1300	1 -3.666895e+15
1138	5 4.097323e+03
869	9 2.099792e+03
101	5 -1.226725e+14
663	2 -5.781290e+14
233	8 3.084292e+03
776	2 1.480792e+03
104	7 -1.226725e+14
41	3 -1.226725e+14
1287	4 -7.008015e+14
1076	7 1.340792e+03
1498	5 -7.008015e+14
1359	6 -7.008015e+14
	1143 774 1163 774 78 1178 901 826 4 876 797 1300 1138 869 101 663 233 776 104 41 1287 1076 1498

3519	90	5 -1.226725e+14
3520	19	2 -1.226725e+14
3521	628	7 -5.781290e+14
3522	1242	3 -5.781290e+14
3523	236	8 3.814292e+03
3524	385	9 3.200792e+03
3525	734	7 4.000292e+03
3526	566	6 4.234792e+03
3527	1246	3 2.441667e+03
3528	1202	9 -5.781290e+14
3529	195	6 3.870292e+03
3530	856	7 -5.781290e+14
3531	1004	9 -5.781290e+14
3532	427	8 -5.781290e+14
3533	758	1 -3.544222e+15
3534	494	6 4.117292e+03
3535	1101	1 -2.966093e+15
3536	1380	0 -7.008015e+14
3537	900	5 4.964823e+03
3538	551	1 -2.966093e+15
3539	708	2 2.964292e+03
3540	565	5 3.299323e+03
3541	1362	7 -7.008015e+14
3542	594	3 -5.781290e+14
3543	164	9 -5.781290e+14

3544	1182	3 9.761667e+02
3545	747	3 1.763667e+03
3546	605	8 -5.781290e+14
3547	11	9 -1.226725e+14
3548	1466	2 -7.008015e+14
3549	285	2 1.317792e+03
3550	1497	1 -3.666895e+15
3551	1109	8 -5.781290e+14
3552	1533	5 -7.008015e+14
3553	1334	1 -3.666895e+15
3554	545	9 1.458292e+03
3555	1452	7 -7.008015e+14
3556	1309	9 -7.008015e+14
3557	54	0 -1.226725e+14
3558	311	8 7.212917e+02
3559	1384	5 -7.008015e+14
3560	921	2 -5.781290e+14
3561	844	6 -5.781290e+14
3562	55	2 -1.226725e+14
3563	915	6 -5.781290e+14
3564	1178	1 -2.966093e+15
3565	678	6 -5.781290e+14
3566	1229	4 -5.781290e+14
3567	1436	7 -7.008015e+14
3568	1282	6 -7.008015e+14

3569	861	3 -5.781290e+14
3570	134	3 -1.226725e+14
3571	5	1 -3.088766e+15
3572	751	5 3.463323e+03
3573	3	3 -1.226725e+14
3574	849	8 3.102292e+03
3575	1384	0 -7.008015e+14
3576	1301	5 -7.008015e+14
3577	1496	5 -7.008015e+14
3578	867	9 2.950292e+03
3579	680	6 -5.781290e+14
3580	1240	1 -2.966093e+15
3581	530	9 4.023292e+03
3582	4	5 -7.008015e+14
3583	1055	2 3.557292e+03
3584	594	6 -5.781290e+14
3585	1211	6 2.432292e+03
3586	1452	5 -7.008015e+14
3587	760	2 -5.781290e+14
3588	1171	1 -3.544222e+15
3589	1232	9 2.849292e+03
3590	1421	6 -7.008015e+14
3591	830	6 2.928792e+03
3592	634	9 -5.781290e+14
3593	880	1 -3.544222e+15

3594	1219	1 -2.966093e+15
3595	1217	4 2.157917e+03
3596	304	0 -4.128333e+02
3597	649	9 -5.781290e+14
3598	1509	8 -7.008015e+14
3599	1172	5 -5.781290e+14
3600	517	4 -5.781290e+14
3601	621	9 -5.781290e+14
3602	1513	5 -7.008015e+14
3603	160	7 1.540292e+03
3604	173	4 -1.239583e+03
3605	1211	2 2.421792e+03
3606	1267	8 -7.008015e+14
3607	585	8 7.542917e+02
3608	700	4 6.644167e+02
3609	1432	8 -7.008015e+14
3610	826	3 -5.781290e+14
3611	112	7 -7.008015e+14
3612	1037	8 -5.781290e+14
3613	491	0 -5.781290e+14
3614	390	9 1.130292e+03
3615	1308	3 -7.008015e+14
3616	648	9 3.355292e+03
3617	1431	6 -7.008015e+14
3618	1526	5 -7.008015e+14

3619	610	5 -5.781290e+14
3620	1256	5 -7.008015e+14
3621	345	3 2.117667e+03
3622	1184	6 -5.781290e+14
3623	1323	5 -7.008015e+14
3624	696	7 -5.781290e+14
3625	755	3 -5.781290e+14
3626	612	5 -5.781290e+14
3627	511	5 -5.781290e+14
3628	428	0 -5.781290e+14
3629	105	8 -1.226725e+14
3630	1504	8 -7.008015e+14
3631	362	9 2.426292e+03
3632	606	4 -5.781290e+14
3633	649	3 -5.781290e+14
3634	95	9 -1.226725e+14
3635	618	4 -5.781290e+14
3636	155	7 3.434542e+03
3637	1262	2 -7.008015e+14
3638	1330	4 -7.008015e+14
3639	852	8 -5.781290e+14
3640	534	7 -5.781290e+14
3641	1535	1 -3.666895e+15
3642	977	1 -2.966093e+15
3643	1313	7 -7.008015e+14

3644	121	2 -1.226725e+14
3645	435	6 1.623792e+03
3646	1206	3 7.721667e+02
3647	1522	6 -7.008015e+14
3648	1135	5 -5.781290e+14
3649	1111	8 2.834792e+03
3650	1504	3 -7.008015e+14
3651	1470	2 -7.008015e+14
3652	481	8 2.827292e+03
3653	1539	5 -7.008015e+14
3654	1351	8 -7.008015e+14
3655	1122	5 3.040323e+03
3656	1258	8 -7.008015e+14
3657	246	9 9.912917e+02
3658	15	3 -1.226725e+14
3659	1106	1 -2.966093e+15
3660	238	7 -5.781290e+14
3661	234	2 4.162542e+03
3662	544	7 -5.781290e+14
3663	11	1 -3.088766e+15
3664	1069	4 -5.781290e+14
3665	1485	3 -7.008015e+14
3666	2	7 -7.008015e+14
3667	831	4 -5.781290e+14
3668	115	3 -1.226725e+14

3669	181	1 -2.966093e+15
3670	1280	8 -7.008015e+14
3671	20	4 -1.226725e+14
3672	1300	9 -7.008015e+14
3673	934	7 -5.781290e+14
3674	1482	1 -3.666895e+15
3675	881	8 4.103292e+03
3676	588	3 1.203667e+03
3677	755	2 -5.781290e+14
3678	269	3 -5.781290e+14
3679	498	0 -5.781290e+14
3680	1220	8 -5.781290e+14
3681	1477	1 -3.666895e+15
3682	822	8 -5.781290e+14
3683	194	0 5.96666e+01
3684	1250	1 -2.966093e+15
3685	196	8 3.548292e+03
3686	240	3 -5.781290e+14
3687	1101	6 3.242292e+03
3688	545	5 2.809323e+03
3689	32	5 -1.226725e+14
3690	172	2 3.901292e+03
3691	916	7 -5.781290e+14
3692	734	6 4.201292e+03
3693	1029	6 -5.781290e+14

3694	889	5 -5.781290e+14
3695	1186	5 -5.781290e+14
3696	1304	9 -7.008015e+14
3697	387	7 -5.781290e+14
3698	871	5 3.958323e+03
3699	351	8 -5.781290e+14
3700	1216	6 2.991792e+03
3701	1238	1 -2.966093e+15
3702	825	8 -5.781290e+14
3703	407	3 4.226667e+02
3704	1295	2 -7.008015e+14
3705	1234	8 9.142917e+02
3706	424	3 -5.781290e+14
3707	64	1 -3.088766e+15
3708	1239	7 -5.781290e+14
3709	1010	3 -5.781290e+14
3710	1210	3 1.769167e+03
3711	417	2 -5.781290e+14
3712	1302	7 -7.008015e+14
3713	1188	6 -5.781290e+14
3714	203	1 -2.966093e+15
3715	875	6 3.056792e+03
3716	899	9 1.406792e+03
3717	1148	5 4.949323e+03
3718	1438	3 -7.008015e+14

3719	832	1 -3.544222e+15
3720	59	7 -1.226725e+14
3721	222	8 -5.781290e+14
3722	1275	3 -7.008015e+14
3723	353	6 2.050792e+03
3724	237	4 -5.781290e+14
3725	1166	8 -5.781290e+14
3726	399	8 -5.781290e+14
3727	579	9 3.943292e+03
3728	801	1 -3.544222e+15
3729	654	6 1.908542e+03
3730	1064	1 -2.966093e+15
3731	276	6 2.017792e+03
3732	1132	0 -5.781290e+14
3733	936	8 -5.781290e+14
3734	133	4 -1.226725e+14
3735	196	0 1.627167e+03
3736	658	7 2.617292e+03
3737	232	6 3.294792e+03
3738	537	7 -5.781290e+14
3739	1006	8 -5.781290e+14
3740	862	9 1.197792e+03
3741	990	4 1.189417e+03
3742	67	9 -1.226725e+14
3743	278	5 3.724823e+03

3744	767	8 -5.781290e+14
3745	371	6 -5.781290e+14
3746	289	0 -1.398333e+02
3747	1168	8 1.911292e+03
3748	668	6 -5.781290e+14
3749	1036	6 2.187042e+03
3750	1057	0 5.236667e+02
3751	519	9 3.156292e+03
3752	201	6 2.977542e+03
3753	636	9 2.327292e+03
3754	1044	7 2.182292e+03
3755	798	9 2.024792e+03
3756	1287	8 -7.008015e+14
3757	71	8 -1.226725e+14
3758	819	3 2.341667e+03
3759	1281	5 -7.008015e+14
3760	498	8 -5.781290e+14
3761	400	6 3.551292e+03
3762	6	8 -1.226725e+14
3763	1160	8 2.812792e+03
3764	1143	7 -5.781290e+14
3765	235	0 -5.781290e+14
3766	946	6 -5.781290e+14
3767	1091	5 -5.781290e+14
3768	927	2 -5.781290e+14

3769	917	4 -5.781290e+14
3770	1469	6 -7.008015e+14
3771	711	6 -5.781290e+14
3772	152	8 6.317917e+02
3773	716	6 -5.781290e+14
3774	88	2 -1.226725e+14
3775	311	3 3.886667e+02
3776	1474	9 -7.008015e+14
3777	804	7 -5.781290e+14
3778	1006	1 -3.544222e+15
3779	274	8 -5.781290e+14
3780	750	6 -5.781290e+14
3781	1380	2 -7.008015e+14
3782	585	6 8.685417e+02
3783	347	3 -5.781290e+14
3784	1454	1 -3.666895e+15
3785	1285	6 -7.008015e+14
3786	445	1 -3.544222e+15
3787	312	4 -5.781290e+14
3788	265	9 3.701292e+03
3789	1218	7 -5.781290e+14
3790	611	9 -5.781290e+14
3791	369	1 -3.544222e+15
3792	1074	2 7.837917e+02
3793	1196	3 7.766667e+02

3794	71	5 -1.226725e+14
3795	136	5 -1.226725e+14
3796	832	9 -5.781290e+14
3797	785	5 5.418323e+03
3798	99	3 -1.226725e+14
3799	1485	6 -7.008015e+14
3800	1497	3 -7.008015e+14
3801	1271	5 -7.008015e+14
3802	1203	3 -5.781290e+14
3803	919	2 -5.781290e+14
3804	283	4 2.080917e+03
3805	652	2 3.962292e+03
3806	1413	0 -7.008015e+14
3807	1242	7 -5.781290e+14
3808	894	1 -3.544222e+15
3809	488	7 -5.781290e+14
3810	162	0 -5.781290e+14
3811	1531	9 -7.008015e+14
3812	373	9 3.243292e+03
3813	391	0 8.616666e+01
3814	202	8 1.229292e+03
3815	65	6 -1.226725e+14
3816	911	9 3.065792e+03
3817	1320	6 -7.008015e+14
3818	854	9 -5.781290e+14

471	6 -5.781290e+14
1211	7 2.207792e+03
618	9 -5.781290e+14
6	7 -1.226725e+14
1470	1 -3.666895e+15
1482	9 -7.008015e+14
1290	1 -3.666895e+15
1159	9 -5.781290e+14
1437	9 -7.008015e+14
167	1 -2.966093e+15
792	1 -2.966093e+15
344	5 4.296323e+03
929	1 -3.544222e+15
1502	9 -7.008015e+14
575	5 -5.781290e+14
1344	8 -7.008015e+14
474	7 4.090292e+03
1120	1 -2.966093e+15
1047	4 2.287417e+03
137	8 -1.226725e+14
1213	7 -5.781290e+14
747	5 3.469823e+03
254	2 -5.781290e+14
919	0 -5.781290e+14
1405	5 -7.008015e+14
	1211 618 6 1470 1482 1290 1159 1437 167 792 344 929 1502 575 1344 474 1120 1047 137 1213 747 254 919

3844	856	5 -5.781290e+14
3845	103	8 -1.226725e+14
3846	1147	9 -5.781290e+14
3847	1110	0 9.616667e+02
3848	730	0 -2.448333e+02
3849	1434	7 -7.008015e+14
3850	1363	1 -3.666895e+15
3851	742	1 -2.966093e+15
3852	350	1 -2.966093e+15
3853	592	2 1.208792e+03
3854	256	9 3.370292e+03
3855	97	0 -1.226725e+14
3856	285	3 9.446667e+02
3857	1402	9 -7.008015e+14
3858	258	5 3.546323e+03
3859	1410	7 -7.008015e+14
3860	781	9 7.747917e+02
3861	484	8 1.782292e+03
3862	658	0 7.956667e+02
3863	99	5 -1.226725e+14
3864	963	7 1.534792e+03
3865	132	4 -1.226725e+14
3866	279	0 2.716666e+01
3867	1068	8 -5.781290e+14
3868	497	8 1.970292e+03

3869	121	9 -1.226725e+14
3870	1409	7 -7.008015e+14
3871	988	9 3.132792e+03
3872	1005	3 2.307167e+03
3873	509	8 -5.781290e+14
3874	619	9 2.228292e+03
3875	1345	4 -7.008015e+14
3876	638	3 -5.781290e+14
3877	750	7 -5.781290e+14
3878	1285	0 -7.008015e+14
3879	676	2 1.620042e+03
3880	1178	9 2.677792e+03
3881	995	8 -5.781290e+14
3882	365	4 1.235917e+03
3883	749	2 2.590292e+03
3884	179	9 -5.781290e+14
3885	22	5 -1.226725e+14
3886	1087	7 -5.781290e+14
3887	1214	4 6.691666e+01
3888	1205	5 -5.781290e+14
3889	1397	9 -7.008015e+14
3890	392	6 3.167292e+03
3891	884	6 -5.781290e+14
3892	1090	4 -5.781290e+14
3893	1239	0 -5.781290e+14

3894	721	2 2.652042e+03
3895	1364	1 -3.666895e+15
3896	1501	1 -3.666895e+15
3897	754	2 -5.781290e+14
3898	758	4 -5.781290e+14
3899	439	2 2.656792e+03
3900	1423	9 -7.008015e+14
3901	551	9 8.652917e+02
3902	261	7 1.127792e+03
3903	358	2 -5.781290e+14
3904	717	2 -5.781290e+14
3905	904	5 -5.781290e+14
3906	1141	3 -5.781290e+14
3907	770	1 -3.544222e+15
3908	253	0 -4.688333e+02
3909	924	4 2.044917e+03
3910	424	7 -5.781290e+14
3911	1067	9 -5.781290e+14
3912	0	5 -1.226725e+14
3913	1029	1 -3.544222e+15
3914	21	1 -3.088766e+15
3915	45	5 -1.226725e+14
3916	1123	2 1.625792e+03
3917	99	8 -1.226725e+14
3918	344	7 2.785792e+03

3919	323	8 -5.781290e+14
3920	421	7 2.137542e+03
3921	913	8 2.388292e+03
3922	13	5 -1.226725e+14
3923	402	6 -5.781290e+14
3924	247	8 -5.781290e+14
3925	1031	3 2.546667e+03
3926	231	7 -5.781290e+14
3927	1025	8 2.003292e+03
3928	161	4 -5.781290e+14
3929	243	8 2.476292e+03
3930	995	9 -5.781290e+14
3931	329	1 -3.544222e+15
3932	865	1 -2.966093e+15
3933	1059	5 -5.781290e+14
3934	538	3 -5.781290e+14
3935	632	2 2.166042e+03
3936	1082	1 -2.966093e+15
3937	1234	1 -2.966093e+15
3938	335	3 -5.781290e+14
3939	1271	0 -7.008015e+14
3940	966	8 1.927792e+03
3941	601	2 2.702792e+03
3942	1537	2 -7.008015e+14
3943	406	0 -5.781290e+14

3944	581	3 -5.781290e+14
3945	310	2 -5.781290e+14
3946	694	1 -3.544222e+15
3947	1399	5 -7.008015e+14
3948	1085	1 -2.966093e+15
3949	203	8 3.756292e+03
3950	1224	1 -3.544222e+15
3951	1161	6 2.008292e+03
3952	59	2 -1.226725e+14
3953	665	1 -3.544222e+15
3954	1019	6 1.826792e+03
3955	79	6 -1.226725e+14
3956	438	8 -5.781290e+14
3957	1195	1 -2.966093e+15
3958	324	1 -2.966093e+15
3959	1137	3 3.701667e+02
3960	266	3 1.030667e+03
3961	871	8 2.500292e+03
3962	1149	2 -5.781290e+14
3963	471	8 -5.781290e+14
3964	473	1 -2.966093e+15
3965	126	1 -3.088766e+15
3966	1321	5 -7.008015e+14
3967	1174	1 -3.544222e+15
3968	276	5 3.348323e+03

618	8 -5.781290e+14
36	0 -1.226725e+14
1036	8 2.046292e+03
87	1 -3.088766e+15
1009	3 2.229667e+03
711	2 -5.781290e+14
1262	3 -7.008015e+14
450	5 3.317823e+03
1212	6 -5.781290e+14
1538	8 -7.008015e+14
1252	6 -7.008015e+14
191	9 -5.781290e+14
678	1 -3.544222e+15
1311	9 -7.008015e+14
1526	3 -7.008015e+14
249	8 2.828292e+03
557	9 3.465292e+03
814	9 -5.781290e+14
1207	7 -5.781290e+14
710	1 -2.966093e+15
907	8 -5.781290e+14
121	4 -1.226725e+14
1147	5 -5.781290e+14
94	3 -1.226725e+14
1435	8 -7.008015e+14
	36 1036 87 1009 711 1262 450 1212 1538 1252 191 678 1311 1526 249 557 814 1207 710 907 121 1147 94

3994	1068	4 -5.781290e+14
3995	84	7 -1.226725e+14
3996	142	6 -7.008015e+14
3997	861	1 -3.544222e+15
3998	24	3 -1.226725e+14
3999	1087	9 -5.781290e+14
4000	828	4 9.319167e+02
4001	341	1 -3.544222e+15
4002	465	7 -5.781290e+14
4003	769	7 6.172917e+02
4004	1165	2 4.312792e+03
4005	1483	8 -7.008015e+14
4006	21	2 -1.226725e+14
4007	26	7 -1.226725e+14
4008	510	0 -5.781290e+14
4009	1533	9 -7.008015e+14
4010	6	4 -1.226725e+14
4011	1276	7 -7.008015e+14
4012	622	7 -5.781290e+14
4013	51	9 -1.226725e+14
4014	1026	5 3.830323e+03
4015	1041	8 7.602917e+02
4016	394	3 -5.781290e+14
4017	1025	0 9.01666e+01
4018	501	3 -5.781290e+14

4019	774	2 -5.781290e+14
4020	237	5 -5.781290e+14
4021	379	1 -3.544222e+15
4022	959	3 3.331167e+03
4023	933	1 -3.544222e+15
4024	1301	2 -7.008015e+14
4025	945	1 -2.966093e+15
4026	857	0 -4.178333e+02
4027	1157	8 -5.781290e+14
4028	955	7 2.600292e+03
4029	345	9 2.516792e+03
4030	65	2 -1.226725e+14
4031	86	8 -1.226725e+14
4032	256	2 3.334792e+03
4033	756	6 -5.781290e+14
4034	263	2 2.771792e+03
4035	958	7 -5.781290e+14
4036	533	0 1.116666e+01
4037	529	2 2.863292e+03
4038	1109	1 -3.544222e+15
4039	1333	9 -7.008015e+14
4040	346	5 3.430823e+03
4041	1046	7 -5.781290e+14
4042	657	4 -5.781290e+14
4043	642	1 -2.966093e+15

4044	166	5 4.878323e+03
4045	429	2 -5.781290e+14
4046	1076	0 -4.748333e+02
4047	772	8 1.843292e+03
4048	1378	0 -7.008015e+14
4049	128	8 -1.226725e+14
4050	1045	5 2.833323e+03
4051	30	6 -1.226725e+14
4052	880	0 -5.781290e+14
4053	1533	3 -7.008015e+14
4054	1494	4 -7.008015e+14
4055	124	8 -1.226725e+14
4056	1054	5 4.536823e+03
4057	660	5 -5.781290e+14
4058	1409	9 -7.008015e+14
4059	953	4 -5.781290e+14
4060	612	1 -3.544222e+15
4061	149	8 -5.781290e+14
4062	1271	6 -7.008015e+14
4063	1373	9 -7.008015e+14
4064	1270	2 -7.008015e+14
4065	197	2 -5.781290e+14
4066	1260	9 -7.008015e+14
4067	1469	9 -7.008015e+14
4068	234	9 4.171292e+03

4069	564	4 8.294167e+02
4070	324	6 3.426042e+03
4071	1463	6 -7.008015e+14
4072	1249	7 -5.781290e+14
4073	477	2 3.466792e+03
4074	777	8 2.412292e+03
4075	387	2 -5.781290e+14
4076	1076	2 1.514292e+03
4077	1447	0 -7.008015e+14
4078	1147	1 -3.544222e+15
4079	332	7 -5.781290e+14
4080	656	2 2.322792e+03
4081	703	2 2.023042e+03
4082	792	7 2.343792e+03
4083	625	0 -5.781290e+14
4084	504	2 -5.781290e+14
4085	475	7 -5.781290e+14
4086	470	5 -5.781290e+14
4087	1148	1 -2.966093e+15
4088	878	5 3.495823e+03
4089	9	7 -1.226725e+14
4090	452	9 3.510292e+03
4091	647	1 -2.966093e+15
4092	1051	7 2.244292e+03
4093	1343	1 -3.666895e+15

4094	1527	0 -7.008015e+14
4095	725	3 -5.781290e+14
4096	1244	7 1.723292e+03
4097	445	0 -5.781290e+14
4098	780	3 -5.781290e+14
4099	872	6 -5.781290e+14
4100	667	2 3.009792e+03
4101	446	9 1.678292e+03
4102	374	2 1.867542e+03
4103	516	8 3.011292e+03
4104	422	0 -5.781290e+14
4105	237	8 -5.781290e+14
4106	543	1 -2.966093e+15
4107	1498	7 -7.008015e+14
4108	1278	4 -7.008015e+14
4109	1258	9 -7.008015e+14
4110	240	8 -5.781290e+14
4111	244	1 -3.544222e+15
4112	1365	1 -3.666895e+15
4113	183	6 -5.781290e+14
4114	1057	2 2.549792e+03
4115	1305	7 -7.008015e+14
4116	677	1 -3.544222e+15
4117	1169	7 -5.781290e+14
4118	243	7 2.378542e+03

4119	1172	8 -5.781290e+14
4120	1317	2 -7.008015e+14
4121	180	1 -2.966093e+15
4122	1310	2 -7.008015e+14
4123	597	9 -5.781290e+14
4124	1442	3 -7.008015e+14
4125	255	2 -5.781290e+14
4126	750	5 -5.781290e+14
4127	678	0 -5.781290e+14
4128	699	9 1.605292e+03
4129	953	1 -3.544222e+15
4130	918	5 4.465323e+03
4131	1205	1 -3.544222e+15
4132	768	0 -5.781290e+14
4133	992	7 -5.781290e+14
4134	277	9 3.731792e+03
4135	1324	1 -3.666895e+15
4136	908	0 9.491667e+02
4137	395	8 -5.781290e+14
4138	1135	2 -5.781290e+14
4139	289	2 1.905792e+03
4140	1098	1 -3.544222e+15
4141	580	2 -5.781290e+14
4142	1250	7 1.678542e+03
4143	1321	8 -7.008015e+14

4144	1445	9 -7.008015e+14
4145	1060	9 -5.781290e+14
4146	469	5 -5.781290e+14
4147	826	4 -5.781290e+14
4148	1017	8 -5.781290e+14
4149	227	2 4.140542e+03
4150	1240	5 3.269323e+03
4151	1411	9 -7.008015e+14
4152	1242	1 -3.544222e+15
4153	664	4 -1.408334e+01
4154	811	1 -3.544222e+15
4155	851	2 8.752917e+02
4156	94	5 -1.226725e+14
4157	85	2 -1.226725e+14
4158	223	2 3.412792e+03
4159	751	0 7.36666e+01
4160	833	9 2.905792e+03
4161	1177	4 4.539167e+02
4162	241	7 1.342792e+03
4163	139	6 -1.226725e+14
4164	1532	3 -7.008015e+14
4165	834	8 -5.781290e+14
4166	782	4 9.141666e+01
4167	1442	6 -7.008015e+14
4168	503	8 -5.781290e+14

327	3 1.551667e+03
635	8 2.836292e+03
1203	2 -5.781290e+14
1264	3 -7.008015e+14
960	8 -5.781290e+14
744	9 3.075292e+03
36	7 -1.226725e+14
613	9 1.817292e+03
1007	8 -5.781290e+14
873	8 -5.781290e+14
714	6 -5.781290e+14
1515	6 -7.008015e+14
733	8 -5.781290e+14
1457	3 -7.008015e+14
144	1 -3.544222e+15
929	2 -5.781290e+14
303	5 -5.781290e+14
206	1 -3.544222e+15
756	4 -5.781290e+14
1437	8 -7.008015e+14
926	2 -5.781290e+14
719	7 -5.781290e+14
176	8 9.242917e+02
1346	3 -7.008015e+14
1134	7 1.558292e+03
	635 1203 1264 960 744 36 613 1007 873 714 1515 733 1457 144 929 303 206 756 1437 926 719 176 1346

4194	1283	9 -7.008015e+14
4195	672	5 3.903323e+03
4196	595	2 3.188292e+03
4197	45	6 -1.226725e+14
4198	1062	6 1.836792e+03
4199	1136	3 -5.781290e+14
4200	216	9 -5.781290e+14
4201	1190	3 2.699167e+03
4202	1261	9 -7.008015e+14
4203	168	6 2.883542e+03
4204	169	7 -5.781290e+14
4205	770	6 -5.781290e+14
4206	982	7 1.919292e+03
4207	978	1 -3.544222e+15
4208	968	0 3.831667e+02
4209	689	6 -5.781290e+14
4210	1059	4 -5.781290e+14
4211	216	1 -3.544222e+15
4212	591	0 5.346667e+02
4213	1403	7 -7.008015e+14
4214	430	7 3.595292e+03
4215	1276	4 -7.008015e+14
4216	434	6 -5.781290e+14
4217	599	2 1.685792e+03
4218	287	6 2.108292e+03

1502	6 -7.008015e+14
285	7 1.119292e+03
741	6 2.063792e+03
786	7 -5.781290e+14
634	6 -5.781290e+14
1477	0 -7.008015e+14
632	9 2.213792e+03
71	0 -1.226725e+14
1292	1 -3.666895e+15
398	1 -3.544222e+15
232	0 1.219167e+03
867	3 2.572167e+03
659	0 6.541667e+02
612	7 -5.781290e+14
713	9 1.902292e+03
1395	2 -7.008015e+14
435	3 1.204667e+03
601	8 2.558292e+03
1191	2 -5.781290e+14
83	8 -1.226725e+14
1523	3 -7.008015e+14
354	8 6.087917e+02
715	7 -5.781290e+14
29	8 -1.226725e+14
1067	1 -3.544222e+15
	285 741 786 634 1477 632 71 1292 398 232 867 659 612 713 1395 435 601 1191 83 1523 354 715 29

4244	376	8 1.699292e+03
4245	718	4 -4.420833e+02
4246	46	2 -1.226725e+14
4247	957	9 2.126292e+03
4248	752	7 7.632917e+02
4249	165	5 4.163323e+03
4250	1196	0 -8.408333e+02
4251	277	5 5.098823e+03
4252	680	3 -5.781290e+14
4253	972	0 -5.781290e+14
4254	289	6 1.893292e+03
4255	1270	4 -7.008015e+14
4256	664	7 1.843542e+03
4257	285	1 -2.966093e+15
4258	1095	8 1.313292e+03
4259	130	7 -1.226725e+14
4260	1124	9 2.978292e+03
4261	24	9 -1.226725e+14
4262	327	4 -6.458334e+01
4263	673	6 2.682292e+03
4264	8	9 -7.008015e+14
4265	1357	8 -7.008015e+14
4266	989	1 -2.966093e+15
4267	224	1 -3.544222e+15
4268	869	7 1.936042e+03

4269	856	3 -5.781290e+14
4270	1121	5 -5.781290e+14
4271	275	1 -3.544222e+15
4272	1297	9 -7.008015e+14
4273	1359	9 -7.008015e+14
4274	26	2 -1.226725e+14
4275	352	3 1.973667e+03
4276	111	4 -1.226725e+14
4277	195	5 5.155323e+03
4278	786	8 -5.781290e+14
4279	1174	2 -5.781290e+14
4280	406	9 -5.781290e+14
4281	620	9 1.854292e+03
4282	1323	9 -7.008015e+14
4283	307	9 1.939792e+03
4284	245	7 3.260292e+03
4285	73	5 -1.226725e+14
4286	673	3 2.284667e+03
4287	252	7 -5.781290e+14
4288	101	4 -1.226725e+14
4289	307	2 1.932542e+03
4290	232	1 -2.966093e+15
4291	1189	0 2.106167e+03
4292	1153	6 1.432292e+03
4293	914	0 -5.781290e+14

4294	5	3 -1.226725e+14
4295	582	6 -5.781290e+14
4296	657	6 -5.781290e+14
4297	573	1 -2.966093e+15
4298	698	5 -5.781290e+14
4299	272	0 -5.781290e+14
4300	1212	5 -5.781290e+14
4301	1078	1 -3.544222e+15
4302	1112	9 -5.781290e+14
4303	1159	3 -5.781290e+14
4304	181	2 1.474292e+03
4305	253	3 1.219667e+03
4306	687	6 1.043042e+03
4307	1542	1 -3.666895e+15
4308	1186	7 -5.781290e+14
4309	1085	7 1.685792e+03
4310	322	2 -5.781290e+14
4311	33	7 -1.226725e+14
4312	1355	2 -7.008015e+14
4313	922	6 -5.781290e+14
4314	351	7 -5.781290e+14
4315	1247	0 -5.781290e+14
4316	213	6 -5.781290e+14
4317	359	0 -1.302333e+03
4318	707	8 2.690292e+03

185	8 -5.781290e+14
1379	6 -7.008015e+14
514	4 -5.781290e+14
140	4 -1.226725e+14
392	1 -2.966093e+15
1488	3 -7.008015e+14
592	5 2.507323e+03
1260	6 -7.008015e+14
520	6 1.172792e+03
203	4 1.865917e+03
848	6 2.461792e+03
1226	8 -5.781290e+14
43	2 -1.226725e+14
1493	2 -7.008015e+14
1334	2 -7.008015e+14
2	6 -7.008015e+14
1280	7 -7.008015e+14
343	3 5.091667e+02
1398	3 -7.008015e+14
241	9 1.487792e+03
1026	6 2.548792e+03
844	4 -5.781290e+14
1440	9 -7.008015e+14
264	7 2.838292e+03
1379	8 -7.008015e+14
	1379 514 140 392 1488 592 1260 520 203 848 1226 43 1493 1334 2 1280 343 1398 241 1026 844 1440 264

4344	547	8 1.553792e+03
4345	483	2 1.418792e+03
4346	868	3 -5.781290e+14
4347	18	8 -1.226725e+14
4348	596	6 1.576292e+03
4349	482	1 -3.544222e+15
4350	533	4 -1.583341e+00
4351	894	7 -5.781290e+14
4352	332	8 -5.781290e+14
4353	792	3 2.138167e+03
4354	215	2 -5.781290e+14
4355	790	7 -5.781290e+14
4356	1439	8 -7.008015e+14
4357	321	1 -3.544222e+15
4358	377	2 -5.781290e+14
4359	347	4 -5.781290e+14
4360	58	0 -1.226725e+14
4361	1320	9 -7.008015e+14
4362	1165	7 4.133042e+03
4363	702	2 -5.781290e+14
4364	780	9 -5.781290e+14
4365	1222	4 -5.781290e+14
4366	679	1 -3.544222e+15
4367	548	6 -5.781290e+14
4368	301	3 -5.781290e+14

81	3 -1.226725e+14
461	2 -5.781290e+14
488	5 -5.781290e+14
65	3 -1.226725e+14
1497	2 -7.008015e+14
76	9 -1.226725e+14
34	9 -1.226725e+14
901	6 1.160542e+03
634	2 -5.781290e+14
233	5 4.507823e+03
1200	6 3.796792e+03
1171	7 -5.781290e+14
361	5 -5.781290e+14
1243	6 -5.781290e+14
799	2 -5.781290e+14
365	6 3.257292e+03
1306	5 -7.008015e+14
171	1 -3.544222e+15
719	8 -5.781290e+14
375	1 -3.544222e+15
313	3 1.264667e+03
709	8 3.641792e+03
851	9 9.262917e+02
891	9 2.393292e+03
495	5 -5.781290e+14
	461 488 65 1497 76 34 901 634 233 1200 1171 361 1243 799 365 1306 171 719 375 313 709 851 891

4394	123	9 -1.226725e+14
4395	1053	6 -5.781290e+14
4396	1245	1 -2.966093e+15
4397	483	6 1.418292e+03
4398	876	7 -5.781290e+14
4399	935	1 -2.966093e+15
4400	81	6 -1.226725e+14
4401	946	0 -5.781290e+14
4402	72	7 -1.226725e+14
4403	1289	7 -7.008015e+14
4404	971	5 -5.781290e+14
4405	1508	7 -7.008015e+14
4406	1027	5 4.971823e+03
4407	643	6 1.904292e+03
4408	1206	5 2.550323e+03
4409	425	4 -1.267083e+03
4410	499	7 1.387792e+03
4411	886	6 -5.781290e+14
4412	249	9 2.882292e+03
4413	916	9 -5.781290e+14
4414	401	7 -5.781290e+14
4415	1236	7 1.859792e+03
4416	532	1 -2.966093e+15
4417	80	8 -1.226725e+14
4418	30	0 -1.226725e+14

4419	1302	1 -3.666895e+15
4420	1455	9 -7.008015e+14
4421	343	4 -1.154083e+03
4422	926	6 -5.781290e+14
4423	1311	2 -7.008015e+14
4424	1490	0 -7.008015e+14
4425	455	2 -5.781290e+14
4426	1031	1 -2.966093e+15
4427	1480	5 -7.008015e+14
4428	328	5 3.999823e+03
4429	250	7 1.666792e+03
4430	47	2 -1.226725e+14
4431	1531	4 -7.008015e+14
4432	1170	2 3.232792e+03
4433	592	1 -2.966093e+15
4434	1228	9 3.206792e+03
4435	1308	0 -7.008015e+14
4436	247	6 -5.781290e+14
4437	591	1 -2.966093e+15
4438	928	0 3.116666e+01
4439	1456	8 -7.008015e+14
4440	114	4 -1.226725e+14
4441	1451	9 -7.008015e+14
4442	1294	3 -7.008015e+14
4443	1158	6 9.115417e+02

4444	195	2 3.808792e+03
4445	763	1 -2.966093e+15
4446	996	4 2.169167e+02
4447	457	6 1.520292e+03
4448	706	6 1.995792e+03
4449	1488	7 -7.008015e+14
4450	1084	8 7.402917e+02
4451	429	0 -5.781290e+14
4452	743	9 1.789292e+03
4453	56	6 -1.226725e+14
4454	792	8 2.419792e+03
4455	438	0 -5.781290e+14
4456	1018	8 1.468792e+03
4457	16	8 -7.008015e+14
4458	1330	9 -7.008015e+14
4459	378	0 -5.781290e+14
4460	1134	8 1.638792e+03
4461	1516	6 -7.008015e+14
4462	649	1 -3.544222e+15
4463	1470	0 -7.008015e+14
4464	448	7 2.861792e+03
4465	1522	3 -7.008015e+14
4466	1177	8 2.392292e+03
4467	287	2 2.121042e+03
4468	348	7 -5.781290e+14

4469	1029	8 -5.781290e+14
4470	364	6 2.498292e+03
4471	1204	9 -5.781290e+14
4472	1350	7 -7.008015e+14
4473	618	5 -5.781290e+14
4474	1251	3 -7.008015e+14
4475	1130	7 -5.781290e+14
4476	627	9 -5.781290e+14
4477	342	3 -5.781290e+14
4478	1067	7 -5.781290e+14
4479	1285	8 -7.008015e+14
4480	205	0 -5.781290e+14
4481	382	8 -5.781290e+14
4482	1071	2 2.125292e+03
4483	384	7 3.433292e+03
4484	1451	4 -7.008015e+14
4485	3	8 -1.226725e+14
4486	338	1 -3.544222e+15
4487	1002	9 3.040792e+03
4488	205	9 -5.781290e+14
4489	676	9 1.576292e+03
4490	893	1 -2.966093e+15
4491	1391	1 -3.666895e+15
4492	1372	9 -7.008015e+14
4493	608	8 1.391792e+03

4494	436	3 -5.781290e+14
4495	751	8 2.013292e+03
4496	396	4 -5.781290e+14
4497	185	7 -5.781290e+14
4498	1128	9 -5.781290e+14
4499	526	7 4.069792e+03
4500	11	7 -1.226725e+14
4501	782	6 2.119792e+03
4502	1483	7 -7.008015e+14
4503	430	9 3.743292e+03
4504	1184	3 -5.781290e+14
4505	121	0 -1.226725e+14
4506	409	9 3.564292e+03
4507	1322	8 -7.008015e+14
4508	477	6 3.483542e+03
4509	167	3 2.062167e+03
4510	674	1 -2.966093e+15
4511	944	0 -9.793333e+02
4512	837	6 -5.781290e+14
4513	180	2 3.564792e+03
4514	661	2 -5.781290e+14
4515	1454	6 -7.008015e+14
4516	304	8 1.497292e+03
4517	479	3 2.987667e+03
4518	914	1 -3.544222e+15

11	5 -1.226725e+14
940	8 -5.781290e+14
1127	7 1.534292e+03
182	3 1.231667e+03
934	5 -5.781290e+14
811	9 -5.781290e+14
1380	3 -7.008015e+14
379	8 -5.781290e+14
1333	6 -7.008015e+14
558	9 3.863792e+03
172	5 5.224323e+03
910	7 5.877917e+02
241	2 1.483292e+03
280	8 6.722917e+02
1467	8 -7.008015e+14
77	0 -1.226725e+14
567	6 1.348292e+03
642	9 2.490292e+03
759	6 -5.781290e+14
1	8 -7.008015e+14
1348	9 -7.008015e+14
322	7 -5.781290e+14
724	9 -5.781290e+14
810	3 -5.781290e+14
175	4 1.161917e+03
	940 1127 182 934 811 1380 379 1333 558 172 910 241 280 1467 77 567 642 759 1 1348 322 724 810

4544	583	2 -5.781290e+14
4545	1048	0 9.26666e+01
4546	909	5 -5.781290e+14
4547	1277	6 -7.008015e+14
4548	703	8 1.911292e+03
4549	294	4 -5.781290e+14
4550	1043	6 3.113542e+03
4551	1506	4 -7.008015e+14
4552	1341	5 -7.008015e+14
4553	1303	9 -7.008015e+14
4554	724	7 -5.781290e+14
4555	441	7 2.428292e+03
4556	489	5 -5.781290e+14
4557	1108	6 -5.781290e+14
4558	1176	8 -5.781290e+14
4559	669	3 -5.781290e+14
4560	503	7 -5.781290e+14
4561	1089	4 -5.781290e+14
4562	1108	2 -5.781290e+14
4563	325	5 -5.781290e+14
4564	955	8 2.674292e+03
4565	489	1 -3.544222e+15
4566	1073	6 -5.781290e+14
4567	872	5 -5.781290e+14
4568	1515	1 -3.666895e+15

4569	109	6 -1.226725e+14
4570	249	5 4.274323e+03
4571	643	0 -1.988333e+02
4572	738	8 -5.781290e+14
4573	764	8 3.452292e+03
4574	163	4 -5.781290e+14
4575	562	4 -5.450833e+02
4576	1325	8 -7.008015e+14
4577	407	7 6.407917e+02
4578	1068	3 -5.781290e+14
4579	292	3 6.891667e+02
4580	795	9 3.169292e+03
4581	249	6 2.966292e+03
4582	1017	6 -5.781290e+14
4583	557	8 3.358292e+03
4584	706	1 -2.966093e+15
4585	659	2 2.673542e+03
4586	1505	5 -7.008015e+14
4587	489	6 -5.781290e+14
4588	247	5 -5.781290e+14
4589	1463	8 -7.008015e+14
4590	1404	9 -7.008015e+14
4591	1040	0 -6.688333e+02
4592	426	2 3.772292e+03
4593	1528	5 -7.008015e+14

4594	636	7 2.164792e+03
4595	1416	8 -7.008015e+14
4596	544	8 -5.781290e+14
4597	633	7 -5.781290e+14
4598	653	1 -2.966093e+15
4599	639	3 1.217667e+03
4600	1145	9 1.905792e+03
4601	748	7 3.944292e+03
4602	692	7 3.022792e+03
4603	251	1 -2.966093e+15
4604	704	7 -5.781290e+14
4605	1140	6 2.621292e+03
4606	1023	9 2.106292e+03
4607	428	9 -5.781290e+14
4608	1318	1 -3.666895e+15
4609	693	8 2.595792e+03
4610	149	5 -5.781290e+14
4611	258	2 2.206042e+03
4612	1418	8 -7.008015e+14
4613	602	9 2.086792e+03
4614	1358	1 -3.666895e+15
4615	635	2 2.953042e+03
4616	248	0 -5.781290e+14
4617	383	8 1.838292e+03
4618	795	7 2.974292e+03

452	0 1.443667e+03
769	8 6.882917e+02
1438	5 -7.008015e+14
536	5 -5.781290e+14
1292	9 -7.008015e+14
351	1 -3.544222e+15
477	9 3.413292e+03
559	3 5.436667e+02
728	5 -5.781290e+14
381	2 -5.781290e+14
1492	2 -7.008015e+14
384	6 3.676542e+03
903	0 4.741667e+02
1244	0 -1.378333e+02
578	3 1.399667e+03
1381	6 -7.008015e+14
1138	9 2.798792e+03
761	9 -5.781290e+14
110	7 -1.226725e+14
339	1 -2.966093e+15
38	6 -1.226725e+14
562	0 -5.743333e+02
505	5 3.356323e+03
1236	3 1.660667e+03
868	1 -3.544222e+15
	769 1438 536 1292 351 477 559 728 381 1492 384 903 1244 578 1381 1138 761 110 339 38 562 505 1236

4644	185	9 -5.781290e+14
4645	1512	8 -7.008015e+14
4646	224	5 -5.781290e+14
4647	290	2 -5.781290e+14
4648	1501	7 -7.008015e+14
4649	1537	3 -7.008015e+14
4650	787	1 -3.544222e+15
4651	1012	2 8.197917e+02
4652	270	9 1.711792e+03
4653	1054	0 1.196167e+03
4654	1423	4 -7.008015e+14
4655	82	7 -1.226725e+14
4656	775	9 3.742292e+03
4657	335	8 -5.781290e+14
4658	1126	7 -5.781290e+14
4659	625	2 -5.781290e+14
4660	1324	4 -7.008015e+14
4661	236	2 3.907542e+03
4662	710	8 1.295292e+03
4663	1050	5 -5.781290e+14
4664	210	1 -2.966093e+15
4665	1041	3 5.146667e+02
4666	480	3 2.544667e+03
4667	844	2 -5.781290e+14
4668	1058	9 -5.781290e+14

4669	343	9 8.707917e+02
4670	597	8 -5.781290e+14
4671	1483	0 -7.008015e+14
4672	96	0 -1.226725e+14
4673	1100	9 -5.781290e+14
4674	38	4 -1.226725e+14
4675	1506	9 -7.008015e+14
4676	733	6 -5.781290e+14
4677	865	3 2.511167e+03
4678	1427	6 -7.008015e+14
4679	1420	6 -7.008015e+14
4680	437	7 2.692292e+03
4681	505	2 2.000292e+03
4682	397	9 -5.781290e+14
4683	174	0 -5.781290e+14
4684	498	7 -5.781290e+14
4685	964	0 -5.781290e+14
4686	575	7 -5.781290e+14
4687	845	2 6.832917e+02
4688	1073	2 -5.781290e+14
4689	139	0 -1.226725e+14
4690	60	0 -1.226725e+14
4691	153	6 2.452292e+03
4692	997	1 -3.544222e+15
4693	555	7 3.991792e+03

4694	922	8 -5.781290e+14
4695	1446	7 -7.008015e+14
4696	277	7 3.619542e+03
4697	1388	1 -3.666895e+15
4698	1522	7 -7.008015e+14
4699	1018	5 2.866323e+03
4700	1542	2 -7.008015e+14
4701	217	1 -2.966093e+15
4702	11	8 -1.226725e+14
4703	1182	1 -2.966093e+15
4704	647	6 2.953542e+03
4705	69	8 -1.226725e+14
4706	1012	8 7.582917e+02
4707	1435	9 -7.008015e+14
4708	1000	0 6.001667e+02
4709	1335	7 -7.008015e+14
4710	1213	6 -5.781290e+14
4711	361	8 -5.781290e+14
4712	776	3 1.134167e+03
4713	705	0 -1.155333e+03
4714	95	3 -1.226725e+14
4715	1187	8 2.687292e+03
4716	1480	2 -7.008015e+14
4717	1496	7 -7.008015e+14
4718	614	5 -5.781290e+14

4719	7	3 -7.008015e+14
4720	626	1 -3.544222e+15
4721	938	9 4.129792e+03
4722	1408	0 -7.008015e+14
4723	582	8 -5.781290e+14
4724	584	2 2.537042e+03
4725	196	3 3.236167e+03
4726	583	4 -5.781290e+14
4727	1161	4 -3.458334e+01
4728	525	9 -5.781290e+14
4729	1507	8 -7.008015e+14
4730	1525	1 -3.666895e+15
4731	29	3 -1.226725e+14
4732	162	7 -5.781290e+14
4733	1294	0 -7.008015e+14
4734	335	6 -5.781290e+14
4735	119	5 -1.226725e+14
4736	1158	8 7.877917e+02
4737	389	3 -5.781290e+14
4738	645	6 -5.781290e+14
4739	743	5 3.125323e+03
4740	1178	8 2.636292e+03
4741	309	0 -1.133833e+03
4742	974	3 1.646167e+03
4743	1241	3 -5.781290e+14

4744	1335	2 -7.008015e+14
4745	912	5 2.104323e+03
4746	1490	7 -7.008015e+14
4747	904	7 -5.781290e+14
4748	1402	2 -7.008015e+14
4749	558	8 3.768292e+03
4750	190	2 -5.781290e+14
4751	93	6 -1.226725e+14
4752	928	5 3.449323e+03
4753	658	1 -2.966093e+15
4754	729	1 -2.966093e+15
4755	623	4 1.950417e+03
4756	1319	8 -7.008015e+14
4757	1426	7 -7.008015e+14
4758	1320	8 -7.008015e+14
4759	1050	1 -3.544222e+15
4760	1364	6 -7.008015e+14
4761	89	5 -1.226725e+14
4762	137	1 -3.088766e+15
4763	1068	0 -5.781290e+14
4764	1443	6 -7.008015e+14
4765	1405	4 -7.008015e+14
4766	1154	5 -5.781290e+14
4767	1136	6 -5.781290e+14
4768	460	5 -5.781290e+14

4769	187	6 8.312917e+02
4770	1272	0 -7.008015e+14
4771	980	1 -3.544222e+15
4772	559	0 -1.086833e+03
4773	841	3 -5.781290e+14
4774	1440	6 -7.008015e+14
4775	883	4 -5.781290e+14
4776	319	7 2.283792e+03
4777	974	8 1.932292e+03
4778	414	7 -5.781290e+14
4779	704	0 -5.781290e+14
4780	624	4 2.141917e+03
4781	990	2 3.170292e+03
4782	1036	3 1.763167e+03
4783	915	5 -5.781290e+14
4784	1135	7 -5.781290e+14
4785	1489	5 -7.008015e+14
4786	1495	9 -7.008015e+14
4787	921	6 -5.781290e+14
4788	1431	5 -7.008015e+14
4789	1246	2 2.819292e+03
4790	248	6 -5.781290e+14
4791	965	6 -5.781290e+14
4792	896	7 -5.781290e+14
4793	688	9 -5.781290e+14

4794	1501	3 -7.008015e+14
4795	748	6 4.148792e+03
4796	510	8 -5.781290e+14
4797	428	7 -5.781290e+14
4798	1493	1 -3.666895e+15
4799	708	0 9.361667e+02
4800	938	5 5.506323e+03
4801	284	0 9.666667e+02
4802	155	1 -2.966093e+15
4803	1471	4 -7.008015e+14
4804	730	4 -2.425833e+02
4805	789	9 -5.781290e+14
4806	573	0 6.666659e+00
4807	539	1 -2.966093e+15
4808	1094	3 1.685167e+03
4809	1277	3 -7.008015e+14
4810	795	3 2.792167e+03
4811	599	8 1.541792e+03
4812	29	0 -1.226725e+14
4813	793	5 3.118323e+03
4814	1269	8 -7.008015e+14
4815	898	9 2.489792e+03
4816	694	7 -5.781290e+14
4817	1479	1 -3.666895e+15
4818	997	5 -5.781290e+14

4819	327	8 1.842292e+03
4820	899	4 -6.200833e+02
4821	939	5 2.851323e+03
4822	1203	7 -5.781290e+14
4823	261	6 1.349292e+03
4824	52	0 -1.226725e+14
4825	1540	3 -7.008015e+14
4826	1377	7 -7.008015e+14
4827	1496	3 -7.008015e+14
4828	108	6 -1.226725e+14
4829	890	3 1.584667e+03
4830	1016	4 -5.781290e+14
4831	1314	3 -7.008015e+14
4832	901	1 -2.966093e+15
4833	1411	8 -7.008015e+14
4834	258	8 2.108292e+03
4835	656	8 2.238292e+03
4836	1325	1 -3.666895e+15
4837	783	8 6.552917e+02
4838	237	1 -3.544222e+15
4839	1225	1 -3.544222e+15
4840	91	9 -1.226725e+14
4841	269	6 -5.781290e+14
4842	17	0 -1.226725e+14
4843	1051	2 2.444292e+03

4844	294	8 -5.781290e+14
4845	812	9 -5.781290e+14
4846	1159	4 -5.781290e+14
4847	799	7 -5.781290e+14
4848	129	5 -1.226725e+14
4849	1463	3 -7.008015e+14
4850	1178	6 2.749292e+03
4851	1286	7 -7.008015e+14
4852	1291	9 -7.008015e+14
4853	1426	8 -7.008015e+14
4854	1303	4 -7.008015e+14
4855	363	3 2.133667e+03
4856	204	2 2.545792e+03
4857	1327	9 -7.008015e+14
4858	979	6 -5.781290e+14
4859	906	5 -5.781290e+14
4860	1488	6 -7.008015e+14
4861	536	1 -3.544222e+15
4862	608	9 1.485792e+03
4863	464	6 -5.781290e+14
4864	662	3 6.041667e+02
4865	276	2 2.013042e+03
4866	734	2 4.176792e+03
4867	208	5 4.558823e+03
4868	15	7 -1.226725e+14

4869	1315	3 -7.008015e+14
4870	511	9 -5.781290e+14
4871	607	7 -5.781290e+14
4872	1314	5 -7.008015e+14
4873	1401	6 -7.008015e+14
4874	1073	1 -3.544222e+15
4875	465	1 -3.544222e+15
4876	1049	7 2.583292e+03
4877	1046	8 -5.781290e+14
4878	1365	4 -7.008015e+14
4879	757	7 1.385292e+03
4880	965	7 -5.781290e+14
4881	938	0 2.147667e+03
4882	482	6 -5.781290e+14
4883	679	8 -5.781290e+14
4884	1061	6 -5.781290e+14
4885	674	9 3.621792e+03
4886	132	5 -1.226725e+14
4887	45	9 -1.226725e+14
4888	752	4 -1.029583e+03
4889	1517	5 -7.008015e+14
4890	565	3 1.570667e+03
4891	1231	9 -5.781290e+14
4892	900	3 3.271167e+03
4893	1462	3 -7.008015e+14

4894	1465	6 -7.008015e+14
4895	1031	8 2.840792e+03
4896	32	2 -1.226725e+14
4897	684	1 -2.966093e+15
4898	553	1 -3.544222e+15
4899	1134	3 1.360167e+03
4900	1080	8 -5.781290e+14
4901	1125	3 2.651667e+03
4902	118	4 -1.226725e+14
4903	997	2 -5.781290e+14
4904	1200	8 3.647792e+03
4905	649	7 -5.781290e+14
4906	1495	0 -7.008015e+14
4907	460	7 -5.781290e+14
4908	408	3 8.026667e+02
4909	1271	7 -7.008015e+14
4910	870	9 4.298292e+03
4911	735	6 4.049292e+03
4912	169	1 -3.544222e+15
4913	139	3 -1.226725e+14
4914	1176	0 -5.781290e+14
4915	1169	6 -5.781290e+14
4916	1324	2 -7.008015e+14
4917	1455	4 -7.008015e+14
4918	1424	1 -3.666895e+15

4919	1305	4 -7.008015e+14
4920	148	6 -5.781290e+14
4921	679	5 -5.781290e+14
4922	433	8 1.709792e+03
4923	1185	2 -5.781290e+14
4924	1420	7 -7.008015e+14
4925	218	8 -5.781290e+14
4926	427	9 -5.781290e+14
4927	1162	5 -5.781290e+14
4928	772	4 -6.808334e+01
4929	735	1 -2.966093e+15
4930	1310	3 -7.008015e+14
4931	1160	5 4.291323e+03
4932	1185	7 -5.781290e+14
4933	1492	9 -7.008015e+14
4934	1480	9 -7.008015e+14
4935	528	8 6.042917e+02
4936	835	1 -3.544222e+15
4937	651	1 -3.544222e+15
4938	506	9 1.936792e+03
4939	1209	5 4.084323e+03
4940	777	2 2.513042e+03
4941	1163	5 -5.781290e+14
4942	573	8 1.932292e+03
4943	287	9 2.058292e+03

4944	889	3 -5.781290e+14
4945	490	9 -5.781290e+14
4946	525	7 -5.781290e+14
4947	319	1 -2.966093e+15
4948	101	1 -3.088766e+15
4949	273	9 8.207917e+02
4950	347	8 -5.781290e+14
4951	1143	6 -5.781290e+14
4952	123	3 -1.226725e+14
4953	414	1 -3.544222e+15
4954	227	8 4.025792e+03
4955	1021	7 -5.781290e+14
4956	60	2 -1.226725e+14
4957	481	1 -2.966093e+15
4958	966	4 4.241666e+01
4959	391	4 1.339167e+02
4960	816	9 1.663792e+03
4961	1291	2 -7.008015e+14
4962	321	8 -5.781290e+14
4963	1422	8 -7.008015e+14
4964	1212	1 -3.544222e+15
4965	949	2 -5.781290e+14
4966	433	0 -2.358333e+02
4967	288	7 -5.781290e+14
4968	1375	1 -3.666895e+15

4969	541	1 -2.966093e+15
4970	668	2 -5.781290e+14
4971	1379	0 -7.008015e+14
4972	12	9 -1.226725e+14
4973	946	2 -5.781290e+14
4974	304	5 2.976323e+03
4975	1282	3 -7.008015e+14
4976	1532	0 -7.008015e+14
4977	581	9 -5.781290e+14
4978	576	2 -5.781290e+14
4979	275	6 -5.781290e+14
4980	842	2 -5.781290e+14
4981	1167	2 -5.781290e+14
4982	978	7 -5.781290e+14
4983	662	1 -2.966093e+15
4984	453	1 -3.544222e+15
4985	329	0 -5.781290e+14
4986	1105	2 -5.781290e+14
4987	806	9 -5.781290e+14
4988	1032	5 2.485823e+03
4989	1009	0 5.771667e+02
4990	1165	0 2.299667e+03
4991	1374	5 -7.008015e+14
4992	41	2 -1.226725e+14
4993	1108	8 -5.781290e+14

4994	379	7 -5.781290e+14
4995	1123	0 -4.018333e+02
4996	161	9 -5.781290e+14
4997	439	3 2.249667e+03
4998	223	0 1.393167e+03
4999	935	4 -2.350833e+02
5000	891	0 3.586667e+02
5001	1484	8 -7.008015e+14
5002	316	9 1.589292e+03
5003	590	6 -5.781290e+14
5004	267	9 1.584792e+03
5005	1226	9 -5.781290e+14
5006	1018	7 1.360292e+03
5007	816	7 1.497042e+03
5008	206	9 -5.781290e+14
5009	1460	7 -7.008015e+14
5010	724	3 -5.781290e+14
5011	462	7 2.022792e+03
5012	646	5 -5.781290e+14
5013	177	2 2.849542e+03
5014	1001	2 4.208042e+03
5015	451	6 -5.781290e+14
5016	413	4 -1.328583e+03
5017	917	9 -5.781290e+14
5018	119	7 -1.226725e+14

5019	946	3 -5.781290e+14
5020	502	2 -5.781290e+14
5021	47	5 -1.226725e+14
5022	1358	9 -7.008015e+14
5023	193	7 2.477292e+03
5024	637	6 1.793792e+03
5025	305	3 2.125167e+03
5026	834	4 -5.781290e+14
5027	1052	0 -5.781290e+14
5028	612	9 -5.781290e+14
5029	993	3 -5.781290e+14
5030	1210	2 2.137542e+03
5031	1358	0 -7.008015e+14
5032	834	6 -5.781290e+14
5033	374	1 -2.966093e+15
5034	523	8 -5.781290e+14
5035	748	9 4.117292e+03
5036	401	8 -5.781290e+14
5037	418	5 5.599323e+03
5038	1508	8 -7.008015e+14
5039	75	2 -1.226725e+14
5040	837	2 -5.781290e+14
5041	758	6 -5.781290e+14
5042	401	6 -5.781290e+14
5043	100	2 -1.226725e+14

5044	1192	5 3.150323e+03
5045	189	8 -5.781290e+14
5046	653	4 -1.083341e+00
5047	1290	6 -7.008015e+14
5048	1131	1 -2.966093e+15
5049	1232	7 2.685292e+03
5050	44	9 -1.226725e+14
5051	117	4 -1.226725e+14
5052	592	6 1.201792e+03
5053	1435	6 -7.008015e+14
5054	911	4 1.052917e+03
5055	519	6 3.192042e+03
5056	379	3 -5.781290e+14
5057	166	6 3.559292e+03
5058	1423	2 -7.008015e+14
5059	1225	7 -5.781290e+14
5060	1442	1 -3.666895e+15
5061	763	0 -2.238333e+02
5062	594	5 -5.781290e+14
5063	3	6 -1.226725e+14
5064	525	8 -5.781290e+14
5065	700	3 2.233167e+03
5066	691	3 -5.781290e+14
5067	186	6 2.068792e+03
5068	355	7 1.602292e+03

5069	150	1 -2.966093e+15
5070	1338	2 -7.008015e+14
5071	1234	0 -9.978333e+02
5072	1012	9 8.347917e+02
5073	676	1 -2.966093e+15
5074	1003	2 -5.781290e+14
5075	46	1 -3.088766e+15
5076	861	6 -5.781290e+14
5077	893	8 2.976292e+03
5078	921	1 -3.544222e+15
5079	1119	5 5.160823e+03
5080	546	8 1.583292e+03
5081	0	9 -1.226725e+14
5082	1181	2 -5.781290e+14
5083	1491	1 -3.666895e+15
5084	291	1 -3.544222e+15
5085	820	3 -5.781290e+14
5086	1435	7 -7.008015e+14
5087	749	7 2.420292e+03
5088	1500	4 -7.008015e+14
5089	658	3 2.383667e+03
5090	1215	3 -5.781290e+14
5091	1224	9 -5.781290e+14
5092	1374	1 -3.666895e+15
5093	1341	8 -7.008015e+14

5094	938	8 4.048792e+03
5095	1049	9 2.790292e+03
5096	1224	6 -5.781290e+14
5097	664	1 -2.966093e+15
5098	871	4 6.339167e+02
5099	1248	7 1.923542e+03
5100	305	8 2.447292e+03
5101	504	6 -5.781290e+14
5102	960	0 -5.781290e+14
5103	167	5 3.806823e+03
5104	1512	6 -7.008015e+14
5105	1280	2 -7.008015e+14
5106	761	4 -5.781290e+14
5107	340	9 2.028292e+03
5108	220	6 3.474792e+03
5109	425	1 -2.966093e+15
5110	467	1 -3.544222e+15
5111	391	7 1.975792e+03
5112	635	4 9.639167e+02
5113	198	1 -3.544222e+15
5114	1463	4 -7.008015e+14
5115	94	7 -1.226725e+14
5116	704	4 -5.781290e+14
5117	165	8 2.730792e+03
5118	1137	9 7.672917e+02

5119	1101	7 3.000542e+03
5120	431	3 5.721667e+02
5121	184	4 -5.781290e+14
5122	366	4 1.234417e+03
5123	341	8 -5.781290e+14
5124	1486	8 -7.008015e+14
5125	1426	6 -7.008015e+14
5126	663	5 -5.781290e+14
5127	989	9 1.095792e+03
5128	1375	2 -7.008015e+14
5129	962	2 2.505292e+03
5130	371	9 -5.781290e+14
5131	856	9 -5.781290e+14
5132	521	1 -3.544222e+15
5133	68	6 -1.226725e+14
5134	805	8 3.924292e+03
5135	104	6 -1.226725e+14
5136	729	8 3.359792e+03
5137	817	5 3.219823e+03
5138	1048	7 1.899792e+03
5139	918	9 3.131792e+03
5140	518	5 -5.781290e+14
5141	439	8 2.499792e+03
5142	1067	5 -5.781290e+14
5143	607	9 -5.781290e+14

5144	1079	2 3.231042e+03
5145	599	9 1.676292e+03
5146	330	8 2.243292e+03
5147	1132	9 -5.781290e+14
5148	757	2 1.536292e+03
5149	1149	7 -5.781290e+14
5150	799	9 -5.781290e+14
5151	568	5 4.020823e+03
5152	1174	7 -5.781290e+14
5153	772	2 1.950292e+03
5154	671	9 -5.781290e+14
5155	733	2 -5.781290e+14
5156	852	1 -3.544222e+15
5157	1241	0 -5.781290e+14
5158	593	3 -5.781290e+14
5159	1210	6 2.182292e+03
5160	560	1 -2.966093e+15
5161	118	5 -1.226725e+14
5162	824	1 -3.544222e+15
5163	785	6 4.121792e+03
5164	312	1 -3.544222e+15
5165	1459	8 -7.008015e+14
5166	459	7 -5.781290e+14
5167	462	4 1.894167e+02
5168	824	0 -5.781290e+14

5169	522	6 -5.781290e+14
5170	1086	6 1.640542e+03
5171	784	3 1.376667e+03
5172	749	1 -2.966093e+15
5173	317	5 -5.781290e+14
5174	266	7 1.245542e+03
5175	179	4 -5.781290e+14
5176	487	3 2.578167e+03
5177	1494	1 -3.666895e+15
5178	835	7 -5.781290e+14
5179	445	2 -5.781290e+14
5180	765	4 -5.781290e+14
5181	874	3 -5.781290e+14
5182	646	7 -5.781290e+14
5183	527	3 -5.781290e+14
5184	74	2 -1.226725e+14
5185	12	2 -1.226725e+14
5186	31	1 -3.088766e+15
5187	1514	9 -7.008015e+14
5188	820	2 -5.781290e+14
5189	139	7 -1.226725e+14
5190	15	4 -1.226725e+14
5191	801	5 -5.781290e+14
5192	586	1 -2.966093e+15
5193	632	6 2.234542e+03

5194	1406	1 -3.666895e+15
5195	302	6 -5.781290e+14
5196	349	9 -5.781290e+14
5197	1477	4 -7.008015e+14
5198	520	3 7.056667e+02
5199	324	8 3.325292e+03
5200	1209	7 2.541042e+03
5201	142	8 -7.008015e+14
5202	562	9 1.483292e+03
5203	351	9 -5.781290e+14
5204	448	1 -2.966093e+15
5205	85	1 -3.088766e+15
5206	87	8 -1.226725e+14
5207	14	9 -7.008015e+14
5208	872	4 -5.781290e+14
5209	468	3 -5.781290e+14
5210	1214	3 1.661167e+03
5211	1520	5 -7.008015e+14
5212	1415	4 -7.008015e+14
5213	389	1 -3.544222e+15
5214	485	6 1.615542e+03
5215	97	9 -1.226725e+14
5216	212	8 1.387792e+03
5217	1171	5 -5.781290e+14
5218	113	2 -1.226725e+14

5219	1190	6 3.163542e+03
5220	401	1 -3.544222e+15
5221	349	3 -5.781290e+14
5222	139	5 -1.226725e+14
5223	685	0 -5.781290e+14
5224	580	8 -5.781290e+14
5225	856	1 -3.544222e+15
5226	23	6 -1.226725e+14
5227	794	5 -5.781290e+14
5228	595	9 3.212792e+03
5229	604	7 -5.781290e+14
5230	593	9 -5.781290e+14
5231	1399	8 -7.008015e+14
5232	693	6 2.791292e+03
5233	216	7 -5.781290e+14
5234	488	6 -5.781290e+14
5235	501	6 -5.781290e+14
5236	440	3 1.765667e+03
5237	788	1 -3.544222e+15
5238	934	8 -5.781290e+14
5239	271	7 1.819542e+03
5240	363	8 2.466292e+03
5241	796	2 3.153792e+03
5242	1387	2 -7.008015e+14
5243	896	6 -5.781290e+14

5244	479	9 3.371292e+03
5245	1298	7 -7.008015e+14
5246	1230	0 -5.781290e+14
5247	822	4 -5.781290e+14
5248	757	3 1.171167e+03
5249	1101	4 1.156917e+03
5250	218	2 -5.781290e+14
5251	629	3 2.564667e+03
5252	1047	1 -2.966093e+15
5253	1472	3 -7.008015e+14
5254	686	9 -5.781290e+14
5255	920	6 -5.781290e+14
5256	295	9 3.720792e+03
5257	1115	2 4.089292e+03
5258	464	1 -3.544222e+15
5259	74	8 -1.226725e+14
5260	1364	9 -7.008015e+14
5261	1098	7 -5.781290e+14
5262	367	4 -5.781290e+14
5263	442	4 -5.781290e+14
5264	504	9 -5.781290e+14
5265	985	2 1.700792e+03
5266	112	3 -7.008015e+14
5267	354	7 5.517917e+02
5268	502	6 -5.781290e+14

5269	72	6 -1.226725e+14
5270	559	9 9.377917e+02
5271	680	7 -5.781290e+14
5272	967	2 -5.781290e+14
5273	1474	5 -7.008015e+14
5274	890	5 3.351823e+03
5275	551	2 8.727917e+02
5276	43	1 -3.088766e+15
5277	675	0 -5.781290e+14
5278	1392	7 -7.008015e+14
5279	315	6 -5.781290e+14
5280	620	7 1.705792e+03
5281	690	3 -5.781290e+14
5282	985	1 -2.966093e+15
5283	1256	3 -7.008015e+14
5284	1417	9 -7.008015e+14
5285	480	8 2.783792e+03
5286	1215	8 -5.781290e+14
5287	1045	8 1.360292e+03
5288	1020	7 -5.781290e+14
5289	1219	6 1.509292e+03
5290	696	0 -5.781290e+14
5291	1087	1 -3.544222e+15
5292	1099	7 -5.781290e+14
5293	942	4 -1.017583e+03

5294	1467	7 -7.008015e+14
5295	1276	2 -7.008015e+14
5296	158	2 3.043792e+03
5297	806	8 -5.781290e+14
5298	1299	9 -7.008015e+14
5299	304	2 1.608792e+03
5300	1427	2 -7.008015e+14
5301	849	6 3.207542e+03
5302	123	1 -3.088766e+15
5303	849	4 1.176917e+03
5304	1119	0 1.778667e+03
5305	1024	5 -5.781290e+14
5306	800	5 3.238323e+03
5307	136	7 -1.226725e+14
5308	220	0 1.417667e+03
5309	648	0 1.320167e+03
5310	1064	7 2.718292e+03
5311	526	4 2.252417e+03
5312	640	8 -5.781290e+14
5313	1064	6 2.967792e+03
5314	1192	9 1.779792e+03
5315	1295	5 -7.008015e+14
5316	687	7 8.822917e+02
5317	787	0 -5.781290e+14
5318	1518	3 -7.008015e+14

5319	340	8 1.886292e+03
5320	1462	5 -7.008015e+14
5321	1437	5 -7.008015e+14
5322	1121	2 -5.781290e+14
5323	467	6 -5.781290e+14
5324	268	5 -5.781290e+14
5325	240	1 -3.544222e+15
5326	529	7 2.700292e+03
5327	1014	0 -5.781290e+14
5328	1114	5 -5.781290e+14
5329	600	4 -6.205833e+02
5330	4	8 -7.008015e+14
5331	391	5 3.488823e+03
5332	936	9 -5.781290e+14
5333	1343	6 -7.008015e+14
5334	936	3 -5.781290e+14
5335	495	8 -5.781290e+14
5336	11	4 -1.226725e+14
5337	1533	2 -7.008015e+14
5338	536	9 -5.781290e+14
5339	1113	2 -5.781290e+14
5340	320	6 1.925542e+03
5341	1351	9 -7.008015e+14
5342	33	2 -1.226725e+14
5343	1052	8 -5.781290e+14

5344	1187	2 2.777042e+03
5345	1035	1 -2.966093e+15
5346	357	4 2.229917e+03
5347	170	6 3.055792e+03
5348	870	5 5.599323e+03
5349	995	1 -3.544222e+15
5350	488	0 -5.781290e+14
5351	457	8 1.393292e+03
5352	1213	1 -3.544222e+15
5353	896	1 -3.544222e+15
5354	327	2 1.990042e+03
5355	162	9 -5.781290e+14
5356	1016	8 -5.781290e+14
5357	603	4 -3.858334e+01
5358	682	1 -2.966093e+15
5359	1342	2 -7.008015e+14
5360	708	7 2.781292e+03
5361	1148	3 3.160667e+03
5362	928	4 9.091666e+01
5363	285	9 1.304792e+03
5364	1517	1 -3.666895e+15
5365	1319	3 -7.008015e+14
5366	1497	9 -7.008015e+14
5367	1466	6 -7.008015e+14
5368	257	7 1.646042e+03

5369	346	8 1.978292e+03
5370	61	4 -1.226725e+14
5371	259	9 3.364292e+03
5372	441	4 6.389167e+02
5373	1039	5 4.626823e+03
5374	1365	7 -7.008015e+14
5375	1531	6 -7.008015e+14
5376	459	1 -3.544222e+15
5377	1284	3 -7.008015e+14
5378	492	8 1.226292e+03
5379	24	5 -1.226725e+14
5380	651	6 -5.781290e+14
5381	696	5 -5.781290e+14
5382	1155	8 -5.781290e+14
5383	1122	7 1.479292e+03
5384	1106	2 1.995792e+03
5385	438	5 -5.781290e+14
5386	1520	2 -7.008015e+14
5387	288	5 -5.781290e+14
5388	65	4 -1.226725e+14
5389	35	3 -1.226725e+14
5390	195	1 -2.966093e+15
5391	450	1 -2.966093e+15
5392	1364	3 -7.008015e+14
5393	307	8 1.817792e+03

5394	1483	5 -7.008015e+14
5395	373	5 4.587823e+03
5396	74	7 -1.226725e+14
5397	50	6 -1.226725e+14
5398	1530	4 -7.008015e+14
5399	446	2 1.626292e+03
5400	1340	5 -7.008015e+14
5401	456	5 -5.781290e+14
5402	1208	3 -5.781290e+14
5403	547	2 1.634542e+03
5404	49	3 -1.226725e+14
5405	1388	5 -7.008015e+14
5406	1262	6 -7.008015e+14
5407	1534	6 -7.008015e+14
5408	996	9 2.201792e+03
5409	1270	5 -7.008015e+14
5410	734	1 -2.966093e+15
5411	365	8 3.105292e+03
5412	1392	9 -7.008015e+14
5413	126	3 -1.226725e+14
5414	432	8 3.028292e+03
5415	275	3 -5.781290e+14
5416	337	3 -5.781290e+14
5417	80	1 -3.088766e+15
5418	1457	1 -3.666895e+15

726	6 1.186542e+03
1506	7 -7.008015e+14
1131	2 2.087042e+03
1360	7 -7.008015e+14
1421	0 -7.008015e+14
1328	8 -7.008015e+14
943	5 3.335823e+03
61	8 -1.226725e+14
1141	0 -5.781290e+14
57	9 -1.226725e+14
987	9 -5.781290e+14
544	9 -5.781290e+14
44	5 -1.226725e+14
262	6 1.910292e+03
734	8 4.060292e+03
1223	5 2.316323e+03
1171	4 -5.781290e+14
62	6 -1.226725e+14
683	7 -5.781290e+14
1057	9 2.570792e+03
1123	3 1.271167e+03
719	2 -5.781290e+14
532	5 4.029323e+03
1525	0 -7.008015e+14
326	3 -5.781290e+14
	1506 1131 1360 1421 1328 943 61 1141 57 987 544 44 262 734 1223 1171 62 683 1057 1123 719 532 1525

5444	926	0 -5.781290e+14
5445	804	8 -5.781290e+14
5446	337	8 -5.781290e+14
5447	222	1 -3.544222e+15
5448	1314	6 -7.008015e+14
5449	1363	3 -7.008015e+14
5450	937	4 -1.287083e+03
5451	271	9 2.019292e+03
5452	517	9 -5.781290e+14
5453	1249	2 -5.781290e+14
5454	1015	5 -5.781290e+14
5455	822	0 -5.781290e+14
5456	474	3 3.856667e+03
5457	384	3 3.235167e+03
5458	1269	4 -7.008015e+14
5459	1355	5 -7.008015e+14
5460	1118	2 2.531292e+03
5461	605	7 -5.781290e+14
5462	1296	6 -7.008015e+14
5463	88	9 -1.226725e+14
5464	328	1 -2.966093e+15
5465	1169	4 -5.781290e+14
5466	1411	7 -7.008015e+14
5467	1460	2 -7.008015e+14
5468	125	2 -1.226725e+14

5469	702	0 -5.781290e+14
5470	514	5 -5.781290e+14
5471	1516	1 -3.666895e+15
5472	425	9 7.242917e+02
5473	310	7 -5.781290e+14
5474	716	2 -5.781290e+14
5475	274	4 -5.781290e+14
5476	872	3 -5.781290e+14
5477	223	6 3.462292e+03
5478	1018	4 -4.645833e+02
5479	207	1 -2.966093e+15
5480	169	6 -5.781290e+14
5481	679	3 -5.781290e+14
5482	711	4 -5.781290e+14
5483	208	9 3.212792e+03
5484	93	8 -1.226725e+14
5485	455	5 -5.781290e+14
5486	471	7 -5.781290e+14
5487	973	3 -5.781290e+14
5488	281	9 2.954792e+03
5489	282	8 -5.781290e+14
5490	666	0 1.112167e+03
5491	178	3 2.802667e+03
5492	643	8 1.732292e+03
5493	361	0 -5.781290e+14

5494	885	3 -5.781290e+14
5495	1376	1 -3.666895e+15
5496	1222	7 -5.781290e+14
5497	685	1 -3.544222e+15
5498	529	9 2.875292e+03
5499	405	4 2.164917e+03
5500	1232	6 2.945792e+03
5501	1422	1 -3.666895e+15
5502	957	6 2.142042e+03
5503	1086	9 1.582792e+03
5504	1359	3 -7.008015e+14
5505	177	8 2.738292e+03
5506	1100	3 -5.781290e+14
5507	1188	2 -5.781290e+14
5508	790	2 -5.781290e+14
5509	616	9 -5.781290e+14
5510	433	3 1.405167e+03
5511	1447	6 -7.008015e+14
5512	934	6 -5.781290e+14
5513	1480	3 -7.008015e+14
5514	93	0 -1.226725e+14
5515	1445	8 -7.008015e+14
5516	1395	9 -7.008015e+14
5517	135	5 -1.226725e+14
5518	979	3 -5.781290e+14

5519	1187	5 4.166323e+03
5520	417	6 -5.781290e+14
5521	118	3 -1.226725e+14
5522	1270	9 -7.008015e+14
5523	555	9 4.196292e+03
5524	717	7 -5.781290e+14
5525	911	1 -2.966093e+15
5526	1082	5 3.150323e+03
5527	813	6 1.932292e+03
5528	385	1 -2.966093e+15
5529	174	3 -5.781290e+14
5530	1482	3 -7.008015e+14
5531	1202	6 -5.781290e+14
5532	755	5 -5.781290e+14
5533	1448	7 -7.008015e+14
5534	1275	2 -7.008015e+14
5535	811	3 -5.781290e+14
5536	414	8 -5.781290e+14
5537	768	8 -5.781290e+14
5538	613	7 1.638292e+03
5539	1243	3 -5.781290e+14
5540	47	6 -1.226725e+14
5541	378	2 -5.781290e+14
5542	1099	6 -5.781290e+14
5543	1171	9 -5.781290e+14

5544	399	1 -3.544222e+15
5545	187	2 7.600417e+02
5546	602	4 1.349167e+02
5547	1127	8 1.585292e+03
5548	1450	1 -3.666895e+15
5549	451	7 -5.781290e+14
5550	1000	6 2.670792e+03
5551	957	0 6.76666e+01
5552	542	7 -5.781290e+14
5553	650	9 -5.781290e+14
5554	347	1 -3.544222e+15
5555	475	9 -5.781290e+14
5556	640	9 -5.781290e+14
5557	1499	9 -7.008015e+14
5558	943	1 -2.966093e+15
5559	1202	1 -3.544222e+15
5560	953	2 -5.781290e+14
5561	1054	3 2.811667e+03
5562	961	1 -2.966093e+15
5563	1391	5 -7.008015e+14
5564	498	3 -5.781290e+14
5565	296	8 2.610792e+03
5566	1094	5 3.459823e+03
5567	950	5 -5.781290e+14
5568	702	1 -3.544222e+15

5569	1441	3 -7.008015e+14
5570	1504	1 -3.666895e+15
5571	474	0 2.221167e+03
5572	1326	0 -7.008015e+14
5573	941	9 2.126292e+03
5574	1314	2 -7.008015e+14
5575	1383	6 -7.008015e+14
5576	216	2 -5.781290e+14
5577	204	8 2.424792e+03
5578	273	8 7.297917e+02
5579	1332	1 -3.666895e+15
5580	160	0 -3.208333e+02
5581	60	1 -3.088766e+15
5582	1023	1 -2.966093e+15
5583	1313	4 -7.008015e+14
5584	413	7 5.222917e+02
5585	976	3 -5.781290e+14
5586	159	9 2.721792e+03
5587	1181	8 -5.781290e+14
5588	512	7 -5.781290e+14
5589	1507	3 -7.008015e+14
5590	572	3 2.704167e+03
5591	381	8 -5.781290e+14
5592	760	9 -5.781290e+14
5593	974	5 3.334823e+03

5594	629	2 2.936042e+03
5595	1371	8 -7.008015e+14
5596	512	4 -5.781290e+14
5597	484	3 1.534167e+03
5598	113	8 -1.226725e+14
5599	137	3 -1.226725e+14
5600	147	4 -5.781290e+14
5601	1420	1 -3.666895e+15
5602	697	7 -5.781290e+14
5603	1088	7 -5.781290e+14
5604	1496	1 -3.666895e+15
5605	328	8 2.515292e+03
5606	1261	3 -7.008015e+14
5607	45	2 -1.226725e+14
5608	192	1 -2.966093e+15
5609	745	5 -5.781290e+14
5610	740	8 3.488292e+03
5611	1470	3 -7.008015e+14
5612	892	3 3.976667e+02
5613	155	2 3.567542e+03
5614	658	6 2.798292e+03
5615	356	5 5.531823e+03
5616	57	3 -1.226725e+14
5617	1069	3 -5.781290e+14
5618	964	2 -5.781290e+14

5619	1057	8 2.470292e+03
5620	199	7 4.081292e+03
5621	1341	9 -7.008015e+14
5622	1477	3 -7.008015e+14
5623	400	3 3.097667e+03
5624	744	2 3.137792e+03
5625	798	5 3.408323e+03
5626	605	5 -5.781290e+14
5627	1102	5 -5.781290e+14
5628	887	1 -3.544222e+15
5629	1499	6 -7.008015e+14
5630	291	3 -5.781290e+14
5631	146	7 -5.781290e+14
5632	882	3 -5.781290e+14
5633	618	1 -3.544222e+15
5634	1501	5 -7.008015e+14
5635	1470	8 -7.008015e+14
5636	681	3 -5.781290e+14
5637	111	8 -1.226725e+14
5638	1313	8 -7.008015e+14
5639	1398	2 -7.008015e+14
5640	502	5 -5.781290e+14
5641	1336	9 -7.008015e+14
5642	1365	9 -7.008015e+14
5643	780	4 -5.781290e+14

5644	1187	9 2.768792e+03
5645	841	9 -5.781290e+14
5646	537	9 -5.781290e+14
5647	141	7 -7.008015e+14
5648	553	5 -5.781290e+14
5649	64	7 -1.226725e+14
5650	240	0 -5.781290e+14
5651	290	1 -3.544222e+15
5652	747	7 1.967792e+03
5653	704	6 -5.781290e+14
5654	808	1 -2.966093e+15
5655	1129	5 -5.781290e+14
5656	259	5 4.704323e+03
5657	1001	8 4.143292e+03
5658	602	1 -2.966093e+15
5659	107	9 -1.226725e+14
5660	550	1 -2.966093e+15
5661	58	5 -1.226725e+14
5662	550	2 3.504292e+03
5663	70	3 -1.226725e+14
5664	14	3 -7.008015e+14
5665	27	5 -1.226725e+14
5666	375	8 -5.781290e+14
5667	1219	8 1.366792e+03
5668	262	0 -1.358333e+02

5669	666	5 4.434323e+03
5670	686	2 -5.781290e+14
5671	144	9 -5.781290e+14
5672	1325	9 -7.008015e+14
5673	383	3 1.572667e+03
5674	115	8 -1.226725e+14
5675	1093	9 -5.781290e+14
5676	231	8 -5.781290e+14
5677	306	3 -5.781290e+14
5678	1412	7 -7.008015e+14
5679	517	2 -5.781290e+14
5680	987	7 -5.781290e+14