node	under18	18-24	25-34	35-59	0ver60	familymember
1	1	3	0	0	0	4
2	0	3	0	0	0	3
3	2	2	0	0	1	5
4	0	3	0	0	0	3
5	0	1	0	0	0	1
6	2	0	0	2	0	4
7	0	0	0	1	0	1
8	0	1	0	0	0	1
9	0	0	1	0	0	1
10	0	0	0	2	2	4
11	3	4	0	0	1	8
12	0	0	3	0	0	3
13	1	0	1	0	1	3
14	0	2	0	0	2	4
15	0	2	0	0	2	4
16	0	0	0	2	2	4
17	0	4	0	0	0	4
18	0	0	0	1	0	1
19	0	4	0	0	0	4
20	2	0	0	1	0	3
21	0	4	0	0	0	4
22	0	0	0	2	0	2
23	1	0	2	0	0	3
24	0	0	2	0	0	2
25	0	0	0	1	0	1
26	0	0	0	1	0	1
27	3	1	0	0	0	4
28	0	1	0	0	2	3
29	0	2	0	0	2	4
30	0	4	0	0	0	4
31	0	2	0	0	0	2
32	0	0	2	0	0	2
33	0	0	1	0	0	1
34	0	0	0	1	0	1
35	0	3	0	0	1	4
36	0	1	0	0	1	2
37	0	0	0	2	0	2
38	2	4	0	0	0	6
39	2	0	0	2	0	4
40	0	3	0	0	0	3
41	0	0	0	2	2	4
42	1	0	0	2	1	4
43	0	1	0	0	0	1
44	0	4	0	0	0	4
45	0	0	2	0	1	3
46	0	0	2	0	0	2

47	0	0	0	2	0	2
48	0	2	0	0	0	2
49	0	0	0	2	0	2
50	0	3	0	0	2	5
51	2	0	2	0	0	4
52	0	0	0	2	0	2
53	0	0	1	0	0	1
54	0	0	1	0	0	1
55	1	0	0	2	0	3
56	0	0	1	0	0	1
57	0	0	0	1	1	2
58	0	0	2	0	1	3
59	2	0	0	1	0	3
60	0	2	0	0	0	2
61	0	1	0	0	1	2
62	0	0	3	0	0	3
63	0	2	0	0	0	2
64	1	3	0	0	0	4
65	0	3	0	0	0	3
66	0	0	0	2	2	4
67	0	1	0	0	0	1
68	0	0	2	0	0	2
69	1	1	0	0	0	2
70	0	1	0	0	0	1
71	0	0	0	1	0	1
72	0	0	2	0	0	2
73	0	0	0	2	0	2
74	1	2	0	0	0	3
75	0	0	0	2	0	2
76	3	0	0	1	0	4
77	0	4	0	0	1	5
78	0	0	0	2	1	3
79	0	4	0	0	0	4
80	0	0	1	0	0	1
81	0	0	2	0	0	2
82	1	0	1	0	2	4
83	3	0	0	2	0	5
84	0	0	0	1	0	1
85	0	0	2	0	2	4
86	2	0	0	1	0	3
87	0	0	0	1	2	3
88	0	1	0	0	0	1
89	0	0	0	1	2	3
90	1	3	0	0	0	4
91	0	1	0	0	1	2
92	0	4	0	0	0	4
93	0	1	0	0	0	1

94	0	4	0	0	0	4
95	1	4	0	0	0	5
96	1	4	0	0	0	5
97	3	4	0	0	0	7
98	2	0	2	0	0	4
99	0	3	0	0	1	4
100	0	3	0	0	1	4
101	1	1	0	0	0	2
102	2	1	0	0	1	4
103	0	4	0	0	0	4
104	0	0	0	2	0	2
105	0	0	1	0	1	2
106	0	0	0	1	1	2
107	1	0	0	1	0	2
108	0	2	0	0	2	4
109	4	0	1	0	0	5
110	1	2	0	0	1	4
111	4	0	0	2	0	6
112	2	0	0	2	0	4
113	0	3	0	0	0	3
114	0	0	2	0	0	2
115	0	0	1	0	0	1
116	0	3	0	0	0	3
117	0	0	2	0	1	3
118	1	0	0	1	1	3
119	2	0	2	0	0	4
120	0	3	0	0	0	3
121	0	1	0	0	0	1
122	0	0	0	1	1	2
123	2	4	0	0	0	6
124	0	2	0	0	0	2
125	0	2	0	0	0	2
126	2	3	0	0	0	5
127	0	0	2	0	0	2
128	0	2	0	0	0	2
129	0	0	2	0	2	4
130	0	0	0	2	2	4
131	0	4	0	0	0	4
132	0	0	1	0	1	2
133	2	2	0	0	2	6
134	1	1	0	0	0	2
135	0	0	0	1	0	1
136	0	0	0	2	1	3
137	0	0	1	0	0	1
138	1	0	0	2	0	3
139	0	0	1	0	0	1
140	1	3	0	0	1	5

141	0	1	0	0	0	1
142	0	0	2	0	1	3
143	0	1	0	0	0	1
144	0	1	0	0	2	3
145	0	0	0	2	1	3
146	3	1	0	0	0	4
147	0	4	0	0	0	4
148	1	1	0	0	0	2
149	0	0	2	0	0	2
150	3	0	1	0	0	4
151	0	3	0	0	0	3
152	0	0	2	0	0	2
153	1	0	0	2	0	3
154	0	0	2	0	0	2
155	0	0	4	0	0	4
156	0	1	0	0	0	1
157	0	3	0	0	0	3
158	1	0	0	1	0	2
159	1	3	0	0	0	4
160	0	3	0	0	1	4
161	0	0	1	0	0	1
162	0	4	0	0	0	4
163	0	3	0	0	2	5
164	1	0	0	1	0	2
165	0	0	0	2	0	2
166	0	0	1	0	2	3
167	0	0	1	0	0	1
168	0	0	2	0	0	2
169	0	2	0	0	0	2
170	0	0	0	2	0	2
171	0	0	0	2	0	2
172	0	0	1	0	2	3
173	0	0	0	2	0	2
174	0	2	0	0	0	2
175	1	0	0	1	2	4
176	1	0	0	2	0	3
177	0	3	0	0	0	3
178	0	4	0	0	0	4
179	0	0	1	0	0	1
180	0	1	0	0	0	1
181	3	3	0	0	0	6
182	0	4	0	0	0	4
183	0	0	0	1	0	1
184	0	3	0	0	0	3
185	1	3	0	0	0	4
186	4	0	0	2	1	7
187	0	0	0	1	0	1

188	0	0	0	1	0	1
189	0	2	0	0	0	2
190	1	1	0	0	2	4
191	0	4	0	0	0	4
192	0	1	0	0	0	1
193	0	0	0	2	0	2
194	0	2	0	0	0	2
195	0	2	0	0	0	2
196	0	0	0	2	0	2
197	0	0	0	2	1	3
198	0	0	2	0	0	2
199	3	0	2	0	0	5
200	1	3	0	0	2	6
201	0	4	0	0	2	6
202	0	0	2	0	0	2
203	0	0	0	1	0	1
204	0	0	2	0	0	2
205	0	2	0	0	0	2
206	0	0	0	1	0	1
207	0	0	1	0	1	2
208	1	4	0	0	2	7
209	0	3	0	0	0	3
210	0	0	3	0	0	3
211	0	0	0	2	0	2
212	0	2	0	0	0	2
213	0	0	0	1	2	3
214	1	0	2	0	0	3
215	0	0	0	2	2	4
216	0	0	0	2	1	3
217	0	0	0	1	1	2
218	3	3	0	0	0	6
219	0	0	1	0	0	1
220	0	0	0	2	0	2
221	1	0	2	0	0	3
222	0	0	0	2	0	2
223	0	0	1	0	0	1
224	0	4	0	0	0	4
225	0	3	0	0	0	3
226	0	0	1	0	0	1
227	0	0	1	0	0	1
228	0	0	0	2	0	2
229	0	0	1	0	0	1
230	0	4	0	0	0	4
231	0	0	2	0	0	2
232	0	0	0	2	1	3
233	1	0	0	2	0	3
234	0	0	0	2	0	2

235	0	2	0	0	0	2
236	0	0	1	0	0	1
237	0	4	0	0	0	4
238	0	1	0	0	0	1
239	0	3	0	0	0	3
240	0	0	0	1	2	3
241	0	0	1	0	0	1
242	0	0	1	0	0	1
243	0	0	0	2	0	2
244	0	2	0	0	0	2
245	0	0	1	0	2	3
246	1	1	0	0	0	2
247	0	0	2	0	0	2
248	1	1	0	0	0	2
249	0	0	1	0	0	1
250	0	0	1	0	0	1
251	0	0	1	0	2	3
252	0	0	0	2	1	3
253	0	3	0	0	0	3
254	0	0	0	1	2	3
255	0	0	1	0	0	1
256	0	0	0	2	2	4
257	1	0	0	2	0	3
258	0	0	2	0	0	2
259	0	0	0	2	0	2
260	1	0	2	0	0	3
261	0	2	0	0	0	2
262	0	0	1	0	0	1
263	1	1	0	0	0	2
264	0	0	0	1	0	1
265	0	0	0	1	0	1
266	1	3	0	0	2	6
267	0	0	1	0	0	1
268	0	4	0	0	2	6
269	0	0	3	0	0	3
270	4	0	2	0	1	7
271	0	0	2	0	1	3
272	0	0	0	2	2	4
273	0	0	0	2	0	2
274	0	3	0	0	0	3
275	0	0	0	1	0	1
276	2	4	0	0	0	6
277	0	0	0	2	0	2
278	3	0	0	2	0	5
279	0	0	0	1	0	1
280	1	2	0	0	1	4
281	0	0	0	2	0	2

282	3	0	1	0	0	4
283	0	0	4	0	0	4
284	0	0	0	2	0	2
285	0	0	0	2	0	2
286	1	0	0	2	0	3
287	0	0	0	2	0	2
288	0	0	0	2	0	2
289	0	3	0	0	1	4
290	1	0	0	1	0	2
291	0	0	1	0	0	1
292	0	0	2	0	0	2
293	0	0	0	2	0	2
294	0	0	0	1	2	3
295	0	1	0	0	0	1
296	0	2	0	0	1	3
297	0	1	0	0	0	1
298	1	0	0	2	0	3
299	0	4	0	0	0	4
300	0	0	0	1	0	1
301	0	0	0	2	0	2
302	0	3	0	0	0	3
303	0	1	0	0	0	1
304	0	1	0	0	0	1
305	1	1	0	0	0	2
306	0	0	1	0	2	3
307	0	0	2	0	2	4
308	1	0	0	1	2	4
309	0	0	0	2	2	4
310	0	4	0	0	0	4
311	1	4	0	0	1	6
312	0	0	0	2	0	2
313	1	0	2	0	0	3
314	0	0	0	2	0	2
315	0	2	0	0	0	2
316	2	1	0	0	0	3
317	1	4	0	0	0	5
318	0	3	0	0	1	4
319	1	4	0	0	2	7
320	0	0	2	0	0	2
321	0	4	0	0	1	5
322	0	3	0	0	0	3
323	0	0	1	0	0	1
324	1	0	2	0	1	4
325	3	2	0	0	0	5
326	2	4	0	0	0	6
327	0	0	1	0	0	1
328	0	0	2	0	0	2

329	0	2	0	0	0	2
330	2	4	0	0	0	6
331	0	0	0	1	0	1
332	0	1	0	0	0	1
333	0	4	0	0	0	4
334	3	0	1	0	0	4
335	0	1	0	0	1	2
336	2	3	0	0	0	5
337	0	0	0	1	0	1
338	0	0	1	0	0	1
339	0	0	2	0	0	2
340	0	0	1	0	0	1
341	0	0	0	2	0	2
342	0	0	2	0	0	2
343	0	0	2	0	0	2
344	0	0	0	1	0	1
345	1	0	1	0	0	2
346	1	0	0	2	1	4
347	1	0	1	0	2	4
348	0	1	0	0	0	1
349	0	0	0	2	0	2
350	0	0	2	0	0	2
351	0	0	2	0	0	2
352	0	0	0	1	0	1
353	0	0	0	1	0	1
354	0	0	2	0	0	2
355	0	0	1	0	1	2
356	0	2	0	0	0	2
357	0	0	1	0	0	1
358	0	4	0	0	0	4
359	0	0	0	2	0	2
360	0	0	2	0	0	2
361	0	0	0	2	1	3
362	0	0	1	0	2	3
363	0	2	0	0	0	2
364	0	0	2	0	0	2
365	0	0	0	2	2	4
366	1	0	0	1	1	3
367	0	1	0	0	0	1
368	1	3	0	0	0	4
369	3	1	0	0	0	4
370	2	2	0	0	0	4
371	0	0	1	0	0	1
372	0	0	2	0	2	4
373	1	4	0	0	0	5
374	0	0	1	0	0	1
375	0	0	2	0	2	4

376	1	2	0	0	0	3
377	0	0	1	0	0	1
378	0	0	0	2	0	2
379	2	3	0	0	2	7
380	0	0	0	1	0	1
381	0	3	0	0	0	3
382	0	3	0	0	0	3
383	2	0	2	0	0	4
384	0	0	2	0	0	2
385	0	0	0	2	2	4
386	0	2	0	0	0	2
387	0	0	3	0	0	3
388	0	1	0	0	0	1
389	0	0	2	0	2	4
390	0	4	0	0	0	4
391	0	0	0	2	0	2
392	0	0	1	0	2	3
393	0	0	2	0	0	2
394	0	0	0	1	0	1
395	1	0	0	2	1	4
396	0	2	0	0	0	2
397	0	0	0	1	0	1
398	0	3	0	0	0	3
399	0	1	0	0	2	3
400	0	0	1	0	0	1
401	0	4	0	0	1	5
402	4	2	0	0	0	6
403	0	4	0	0	0	4
404	3	4	0	0	0	7
405	0	0	1	0	0	1
406	0	3	0	0	0	3
407	0	0	1	0	0	1
408	0	0	2	0	2	4
409	0	0	0	2	0	2
410	2	0	0	2	0	4
411	0	0	1	0	0	1
412	0	0	0	2	0	2
413	1	0	0	2	0	3
414	1	0	1	0	0	2
415	0	0	0	2	0	2
416	0	0	2	0	0	2
417	0	2	0	0	2	4
418	0	0	1	0	0	1
419	0	0	2	0	0	2
420	2	4	0	0	0	6
421	0	0	1	0	0	1
422	1	0	1	0	0	2

423	0	4	0	0	0	4
424	1	0	2	0	0	3
425	1	0	1	0	0	2
426	0	0	0	1	0	1
427	2	3	0	0	0	5
428	0	0	0	1	0	1
429	0	0	0	2	0	2
430	0	1	0	0	0	1
431	0	0	1	0	0	1
432	3	0	2	0	0	5
433	0	0	2	0	0	2
434	0	0	0	2	0	2
435	0	0	0	1	0	1
436	0	4	0	0	2	6
437	3	1	0	0	2	6
438	0	3	0	0	0	3
439	0	2	0	0	0	2
440	2	1	0	0	0	3
441	0	3	0	0	0	3
442	0	2	0	0	0	2
443	0	0	2	0	0	2
444	0	0	0	2	0	2
445	0	0	0	1	0	1
446	0	4	0	0	1	5
447	0	0	0	1	0	1
448	0	0	0	2	2	4
449	0	4	0	0	0	4
450	1	0	0	1	0	2
451	0	4	0	0	0	4
452	0	1	0	0	0	1
453	0	0	0	1	0	1
454	0	0	0	2	0	2
455	0	3	0	0	0	3
456	0	2	0	0	0	2
457	1	0	0	2	0	3
458	0	1	0	0	2	3
459	0	1	0	0	0	1
460	1	0	0	2	0	3
461	0	0	2	0	0	2
462	0	3	0	0	1	4
463	0	1	0	0	0	1
464	0	2	0	0	0	2
465	0	0	1	0	1	2
466	0	2	0	0	0	2
467	0	0	0	2	2	4
468	0	2	0	0	0	2
469	0	0	2	0	0	2

470	0	0	0	2	1	3
471	0	0	0	2	0	2
472	0	0	0	2	1	3
473	0	0	2	0	0	2
474	0	0	3	0	0	3
475	1	0	2	0	0	3
476	0	1	0	0	0	1
477	0	1	0	0	0	1
478	0	0	0	1	0	1
479	0	0	2	0	0	2
480	0	0	0	1	0	1
481	0	0	0	1	0	1
482	0	0	0	1	2	3
483	0	0	1	0	0	1
484	0	3	0	0	0	3
485	1	0	0	2	0	3
486	0	0	0	1	0	1
487	0	4	0	0	0	4
488	0	0	0	2	0	2
489	0	0	1	0	1	2
490	0	0	0	2	0	2
491	4	0	0	1	0	5
492	0	0	2	0	0	2
493	0	0	0	2	0	2
494	0	0	1	0	0	1
495	0	0	0	2	0	2
496	0	3	0	0	1	4
497	0	0	0	1	0	1
498	0	0	0	2	0	2
499	0	2	0	0	0	2
500	4	3	0	0	0	7
501	2	1	0	0	0	3
502	1	0	0	2	0	3
503	0	1	0	0	0	1
504	0	0	2	0	0	2
505	1	0	1	0	0	2
506	1	4	0	0	0	5
507	1	4	0	0	2	7
508	0	0	0	2	0	2
509	0	3	0	0	0	3
510	0	0	2	0	0	2
511	0	0	0	2	0	2
512	0	3	0	0	0	3
513	2	2	0	0	0	4
514	0	2	0	0	0	2
515	0	4	0	0	0	4
516	0	4	0	0	0	4

517	0	1	0	0	0	1
518	0	1	0	0	0	1
519	0	0	2	0	0	2
520	2	4	0	0	2	8
521	0	0	1	0	2	3
522	0	2	0	0	1	3
523	0	0	2	0	0	2
524	0	0	3	0	2	5
525	0	1	0	0	0	1
526	0	4	0	0	0	4
527	0	4	0	0	0	4
528	0	0	0	1	0	1
529	0	2	0	0	0	2
530	1	0	1	0	0	2
531	0	4	0	0	0	4
532	0	0	1	0	0	1
533	0	0	3	0	2	5
534	1	0	1	0	0	2
535	0	0	1	0	0	1
536	0	4	0	0	2	6
537	0	0	0	2	0	2
538	0	2	0	0	0	2
539	2	0	1	0	0	3
540	0	0	1	0	0	1
541	2	0	2	0	0	4
542	0	1	0	0	0	1
543	0	4	0	0	2	6
544	0	0	1	0	0	1
545	0	3	0	0	0	3
546	0	4	0	0	0	4
547	0	4	0	0	0	4
548	0	0	0	2	0	2
549	0	0	0	2	0	2
550	0	0	0	2	0	2
551	0	2	0	0	0	2
552	1	0	1	0	0	2
553	1	0	0	1	2	4
554	0	0	0	2	0	2
555	0	0	0	1	0	1
556	0	3	0	0	2	5
557	1	4	0	0	0	5
558	3	0	0	2	0	5
559	0	0	0	1	0	1
560	0	1	0	0	0	1
561	0	4	0	0	0	4
562	2	0	0	2	0	4
563	0	3	0	0	0	3

564	1	0	0	1	0	2
565	0	4	0	0	0	4
566	3	0	1	0	0	4
567	0	0	0	2	0	2
568	0	4	0	0	0	4
569	0	0	2	0	0	2
570	0	3	0	0	0	3
571	0	1	0	0	0	1
572	4	0	2	0	0	6
573	1	1	0	0	0	2
574	0	0	0	2	0	2
575	0	0	2	0	2	4
576	0	3	0	0	1	4
577	0	2	0	0	0	2
578	0	2	0	0	2	4
579	0	4	0	0	0	4
580	0	2	0	0	0	2
581	0	1	0	0	0	1
582	0	0	2	0	0	2
583	4	0	2	0	0	6
584	0	4	0	0	0	4
585	0	0	1	0	0	1
586	1	0	2	0	1	4
587	1	0	2	0	0	3
588	0	0	1	0	0	1
589	0	3	0	0	0	3
590	2	0	0	2	2	6
591	0	1	0	0	0	1
592	0	2	0	0	0	2
593	0	0	0	1	0	1
594	0	3	0	0	1	4
595	0	0	0	2	0	2
596	1	4	0	0	1	6
597	0	2	0	0	0	2
598	0	0	0	2	1	3
599	1	0	0	1	1	3
600	0	3	0	0	0	3
601	3	4	0	0	1	8
602	0	0	1	0	0	1
603	0	0	0	2	0	2
604	0	2	0	0	1	3
605	0	0	3	0	0	3
606	0	0	0	1	0	1
607	0	0	0	2	0	2
608	0	0	0	1	0	1
609	0	4	0	0	1	5
610	0	0	0	2	0	2

611	0	0	0	2	0	2
612	2	0	1	0	0	3
613	0	0	0	2	0	2
614	0	3	0	0	1	4
615	0	0	0	2	0	2
616	0	2	0	0	0	2
617	2	0	0	2	2	6
618	1	0	0	2	0	3
619	0	3	0	0	0	3
620	1	0	0	2	0	3
621	1	0	0	2	0	3
622	0	1	0	0	0	1
623	0	0	0	1	0	1
624	0	0	2	0	0	2
625	1	3	0	0	0	4
626	0	4	0	0	1	5
627	3	0	0	2	0	5
628	0	2	0	0	0	2
629	0	0	0	2	0	2
630	1	2	0	0	0	3
631	0	0	2	0	2	4
632	0	2	0	0	0	2
633	0	2	0	0	0	2
634	0	0	2	0	0	2
635	0	0	0	1	0	1
636	0	0	1	0	0	1
637	0	2	0	0	0	2
638	1	1	0	0	2	4
639	0	0	0	1	0	1
640	0	2	0	0	0	2
641	0	1	0	0	0	1
642	0	1	0	0	0	1
643	0	1	0	0	2	3
644	0	0	0	2	0	2
645	0	0	0	1	2	3
646	1	0	4	0	0	5
647	0	0	0	2	0	2
648	1	3	0	0	0	4
649	0	0	0	2	0	2
650	0	0	2	0	0	2
651	0	0	1	0	0	1
652	0	0	1	0	0	1
653	1	0	2	0	0	3
654	1	3	0	0	1	5
655	0	0	0	2	0	2
656	0	4	0	0	0	4
657	0	4	0	0	2	6

658	4	0	0	2	0	6
659	2	0	0	1	0	3
660	0	4	0	0	0	4
661	0	3	0	0	2	5
662	0	0	1	0	0	1
663	0	0	0	2	2	4
664	0	0	0	2	0	2
665	0	0	0	2	2	4
666	0	0	0	1	2	3
667	0	3	0	0	1	4
668	1	0	0	2	0	3
669	0	0	2	0	1	3
670	0	4	0	0	0	4
671	0	0	0	2	0	2
672	0	0	0	2	0	2
673	1	0	0	2	0	3
674	0	1	0	0	0	1
675	0	2	0	0	0	2
676	0	0	0	1	0	1
677	0	0	0	2	0	2
678	0	4	0	0	1	5
679	2	0	2	0	0	4
680	0	0	2	0	0	2
681	0	0	0	2	0	2
682	0	3	0	0	0	3
683	2	4	0	0	0	6
684	0	0	1	0	0	1
685	0	0	0	2	0	2
686	0	0	0	1	0	1
687	0	0	3	0	0	3
688	0	0	0	2	0	2
689	0	4	0	0	0	4
690	1	0	0	1	1	3
691	1	4	0	0	0	5
692	0	0	0	2	0	2
693	0	2	0	0	0	2
694	0	0	1	0	0	1
695	2	0	0	1	1	4
696	0	0	2	0	0	2
697	0	2	0	0	1	3
698	1	0	0	1	0	2
699	0	0	1	0	2	3
700	0	3	0	0	0	3
701	1	2	0	0	0	3
702	2	0	0	1	0	3
703	1	0	0	1	0	2
704	0	0	0	1	0	1

705	0	1	0	0	2	3
706	0	0	0	1	0	1
707	1	0	1	0	0	2
708	0	0	2	0	0	2
709	0	0	2	0	0	2
710	0	1	0	0	0	1
711	0	2	0	0	0	2
712	0	4	0	0	0	4
713	0	4	0	0	0	4
714	0	2	0	0	0	2
715	0	2	0	0	0	2
716	0	1	0	0	0	1
717	0	0	2	0	0	2
718	0	0	2	0	0	2
719	0	0	0	2	1	3
720	0	4	0	0	2	6
721	0	0	1	0	1	2
722	1	2	0	0	0	3
723	0	3	0	0	0	3
724	1	0	4	0	0	5
725	0	0	0	2	0	2
726	1	0	2	0	0	3
727	0	1	0	0	1	2
728	0	4	0	0	0	4
729	0	0	1	0	0	1
730	2	2	0	0	0	4
731	0	0	1	0	1	2
732	0	3	0	0	0	3
733	0	0	2	0	0	2
734	0	0	0	2	0	2
735	0	1	0	0	0	1
736	0	0	0	2	0	2
737	2	0	1	0	0	3
738	1	0	0	2	0	3
739	2	3	0	0	0	5
740	0	0	0	2	0	2
741	0	0	1	0	1	2
742	0	0	0	1	2	3
743	0	2	0	0	0	2
744	0	0	0	1	0	1
745	1	2	0	0	0	3
746	0	0	0	2	0	2
747	0	0	1	0	0	1
748	3	0	0	2	0	5
749	0	0	1	0	0	1
750	0	0	1	0	0	1
751	3	3	0	0	0	6

752	0	2	0	0	0	2
753	0	0	0	2	0	2
754	0	3	0	0	1	4
755	0	0	1	0	0	1
756	0	0	0	2	1	3
757	0	1	0	0	1	2
758	0	0	2	0	2	4
759	0	0	2	0	2	4
760	2	3	0	0	0	5
761	0	1	0	0	2	3
762	0	4	0	0	0	4
763	0	3	0	0	0	3
764	0	3	0	0	2	5
765	0	0	0	2	0	2
766	0	0	2	0	0	2
767	0	0	0	1	0	1
768	0	0	0	1	0	1
769	1	0	1	0	2	4
770	0	0	0	2	0	2
771	0	0	0	2	2	4
772	0	4	0	0	0	4
773	2	0	0	2	0	4
774	1	4	0	0	0	5
775	0	0	0	2	0	2
776	1	0	1	0	0	2
777	0	4	0	0	0	4
778	0	3	0	0	0	3
779	0	4	0	0	1	5
780	1	0	0	2	2	5
781	0	0	0	2	0	2
782	0	1	0	0	0	1
783	0	1	0	0	0	1
784	0	2	0	0	0	2
785	0	0	0	2	0	2
786	4	2	0	0	0	6
787	0	1	0	0	0	1
788	0	0	0	1	0	1
789	2	0	0	2	2	6
790	0	0	0	1	0	1
791	0	3	0	0	2	5
792	0	0	0	2	1	3
793	0	0	0	2	0	2
794	0	0	0	2	0	2
795	0	3	0	0	2	5
796	3	0	0	2	0	5
797	0	4	0	0	0	4
798	2	0	1	0	0	3

799	1	0	1	0	0	2
800	0	0	1	0	1	2
801	0	4	0	0	0	4
802	2	0	0	2	0	4
803	0	0	0	2	0	2
804	0	0	0	1	0	1
805	0	0	1	0	1	2
806	0	0	0	2	0	2
807	0	0	0	1	0	1
808	2	2	0	0	1	5
809	0	0	1	0	0	1
810	0	2	0	0	0	2
811	0	0	0	2	2	4
812	0	0	0	2	2	4
813	0	0	0	2	0	2
814	0	4	0	0	1	5
815	0	4	0	0	0	4
816	0	0	2	0	0	2
817	0	4	0	0	1	5
818	0	0	0	2	0	2
819	0	2	0	0	0	2
820	0	0	0	2	0	2
821	0	0	2	0	0	2
822	2	0	2	0	1	5
823	0	0	0	1	0	1
824	0	3	0	0	0	3
825	0	0	1	0	0	1
826	0	0	1	0	1	2
827	0	0	0	1	0	1
828	2	2	0	0	0	4
829	0	0	3	0	1	4
830	0	0	0	2	1	3
831	2	0	1	0	0	3
832	0	2	0	0	0	2
833	0	0	1	0	0	1
834	0	2	0	0	0	2
835	2	0	0	2	0	4
836	0	0	0	1	0	1
837	0	1	0	0	0	1
838	0	0	1	0	2	3
839	0	0	3	0	0	3
840	2	0	2	0	0	4
841	0	0	0	2	0	2
842	0	0	3	0	0	3
843	0	4	0	0	0	4
844	0	0	0	2	0	2
845	0	2	0	0	0	2

846	0	0	1	0	2	3
847	0	2	0	0	0	2
848	2	0	0	2	0	4
849	2	0	0	2	0	4
850	0	0	0	1	0	1
851	0	4	0	0	0	4
852	1	0	0	1	0	2
853	0	3	0	0	0	3
854	1	1	0	0	0	2
855	0	0	0	2	1	3
856	0	1	0	0	0	1
857	0	1	0	0	1	2
858	0	0	1	0	0	1
859	0	0	1	0	0	1
860	2	0	4	0	1	7
861	4	0	0	1	2	7
862	0	1	0	0	0	1
863	0	0	0	2	0	2
864	0	4	0	0	0	4
865	0	4	0	0	0	4
866	1	0	2	0	2	5
867	0	0	2	0	2	4
868	0	1	0	0	0	1
869	0	0	0	2	0	2
870	0	0	0	2	2	4
871	0	0	0	2	0	2
872	0	3	0	0	0	3
873	0	0	0	2	1	3
874	1	1	0	0	0	2
875	2	0	2	0	0	4
876	2	0	0	2	0	4
877	0	0	1	0	0	1
878	0	0	1	0	0	1
879	0	4	0	0	0	4
880	0	1	0	0	2	3
881	0	4	0	0	0	4
882	1	1	0	0	0	2
883	2	0	0	2	1	5
884	0	0	0	2	0	2
885	0	0	1	0	0	1
886	0	1	0	0	0	1
887	0	2	0	0	0	2
888	1	0	0	1	0	2
889	0	0	0	2	1	3
890	0	0	0	2	0	2
891	0	0	2	0	0	2
892	1	3	0	0	0	4

893	0	0	0	2	0	2
894	0	4	0	0	0	4
895	0	0	1	0	0	1
896	1	3	0	0	0	4
897	0	0	0	1	1	2
898	0	0	2	0	0	2
899	0	4	0	0	0	4
900	1	0	0	2	1	4
901	0	3	0	0	0	3
902	0	3	0	0	0	3
903	2	0	2	0	1	5
904	0	2	0	0	0	2
905	0	0	0	2	0	2
906	0	0	0	1	0	1
907	2	0	0	2	0	4
908	0	0	0	2	0	2
909	1	4	0	0	0	5
910	0	0	0	2	0	2
911	0	0	0	2	0	2
912	0	0	0	2	0	2
913	0	0	4	0	0	4
914	0	4	0	0	2	6
915	0	0	0	2	2	4
916	2	4	0	0	1	7
917	0	0	0	2	0	2
918	1	0	0	1	0	2
919	0	0	0	2	1	3
920	0	4	0	0	2	6
921	0	3	0	0	0	3
922	0	1	0	0	0	1
923	0	1	0	0	0	1
924	0	0	0	2	0	2
925	0	0	0	1	1	2
926	2	4	0	0	0	6
927	2	0	3	0	0	5
928	0	4	0	0	0	4
929	0	0	0	2	0	2
930	2	0	2	0	0	4
931	1	4	0	0	2	7
932	0	3	0	0	0	3
933	0	0	0	2	0	2
934	1	0	0	2	0	3
935	0	0	0	1	0	1
936	0	0	0	1	0	1
937	1	4	0	0	2	7
938	0	0	0	2	0	2
939	1	0	2	0	0	3

940	0	2	0	0	0	2
941	0	0	2	0	0	2
942	0	2	0	0	0	2
943	0	0	0	1	1	2
944	1	0	2	0	0	3
945	1	1	0	0	0	2
946	0	3	0	0	0	3
947	0	0	0	2	2	4
948	0	1	0	0	0	1
949	1	0	2	0	0	3
950	0	0	0	2	0	2
951	2	1	0	0	0	3
952	2	1	0	0	0	3
953	0	0	0	2	0	2
954	0	0	0	2	0	2
955	3	0	2	0	2	7
956	0	0	0	2	0	2
957	0	0	0	2	0	2
958	2	0	1	0	0	3
959	0	4	0	0	0	4
960	0	0	3	0	0	3
961	0	0	0	2	0	2
962	0	0	2	0	2	4
963	0	1	0	0	0	1
964	0	0	0	2	0	2
965	0	1	0	0	0	1
966	0	0	0	2	0	2
967	1	0	1	0	0	2
968	0	0	2	0	0	2
969	0	2	0	0	1	3
970	3	0	2	0	0	5
971	0	0	2	0	0	2
972	0	2	0	0	0	2
973	0	0	0	1	1	2
974	1	3	0	0	0	4
975	0	0	1	0	0	1
976	0	0	2	0	0	2
977	0	0	0	2	0	2
978	1	3	0	0	0	4
979	0	0	2	0	0	2
980	0	0	2	0	0	2
981	2	2	0	0	0	4
982	0	4	0	0	0	4
983	0	0	2	0	0	2
984	0	0	3	0	0	3
985	0	1	0	0	0	1
986	0	0	2	0	0	2

987	0	2	0	0	0	2
988	1	0	0	2	0	3
989	0	0	1	0	0	1
990	0	2	0	0	0	2
991	1	3	0	0	0	4
992	0	4	0	0	0	4
993	0	2	0	0	2	4
994	0	0	0	2	2	4
995	0	0	2	0	2	4
996	0	0	2	0	0	2
997	0	3	0	0	0	3
998	0	2	0	0	0	2
999	0	4	0	0	0	4
1000	0	4	0	0	0	4
1001	0	0	0	2	0	2
1002	1	2	0	0	0	3
1003	0	0	1	0	2	3
1004	0	0	2	0	0	2
1005	0	0	0	1	0	1
1006	0	1	0	0	0	1
1007	0	0	2	0	0	2
1008	2	0	1	0	0	3
1009	0	1	0	0	0	1
1010	1	0	0	2	1	4
1011	0	0	2	0	0	2
1012	0	3	0	0	2	5
1013	0	3	0	0	0	3
1014	0	2	0	0	0	2
1015	0	0	0	1	0	1
1016	0	3	0	0	0	3
1017	0	0	0	2	0	2
1018	0	0	2	0	0	2
1019	0	0	1	0	0	1
1020	0	3	0	0	2	5
1021	0	1	0	0	0	1
1022	0	0	0	2	0	2
1023	0	0	3	0	0	3
1024	0	0	4	0	0	4
1025	0	0	0	2	0	2
1026	0	1	0	0	2	3
1027	1	0	1	0	0	2
1028	0	0	0	2	0	2
1029	0	1	0	0	0	1
1030	0	0	1	0	0	1
1031	0	0	1	0	0	1
1032	0	0	2	0	0	2
1033	2	0	0	1	1	4

1034	0	0	0	2	0	2
1035	0	1	0	0	0	1
1036	0	2	0	0	0	2
1037	0	3	0	0	0	3
1038	0	0	0	1	0	1
1039	0	0	0	2	0	2
1040	0	0	2	0	0	2
1041	0	0	0	2	0	2
1042	0	1	0	0	0	1
1043	0	0	0	2	0	2
1044	1	0	0	2	2	5
1045	0	0	0	2	0	2
1046	0	0	0	1	0	1
1047	0	2	0	0	0	2
1048	0	2	0	0	1	3
1049	0	3	0	0	0	3
1050	0	0	1	0	0	1
1051	0	0	0	1	0	1
1052	0	2	0	0	0	2
1053	0	0	0	2	0	2
1054	0	0	2	0	0	2
1055	0	0	0	2	0	2
1056	0	0	0	2	0	2
1057	0	2	0	0	0	2
1058	0	0	2	0	2	4
1059	0	0	2	0	0	2
1060	2	4	0	0	1	7
1061	0	3	0	0	0	3
1062	0	1	0	0	1	2
1063	0	2	0	0	0	2
1064	0	0	1	0	0	1
1065	0	0	0	2	0	2
1066	0	2	0	0	0	2
1067	0	1	0	0	0	1
1068	0	3	0	0	0	3
1069	0	0	1	0	0	1
1070	0	0	0	2	0	2
1071	0	3	0	0	0	3
1072	0	2	0	0	1	3
1073	1	4	0	0	0	5
1074	1	0	2	0	0	3
1075	0	0	0	2	0	2
1076	0	0	2	0	0	2
1077	0	3	0	0	0	3
1078	0	0	2	0	0	2
1079	0	4	0	0	2	6
1080	0	0	2	0	2	4

1081	1	0	4	0	0	5
1082	0	0	4	0	0	4
1083	1	0	0	2	0	3
1084	1	0	3	0	0	4
1085	0	0	2	0	0	2
1086	0	0	2	0	0	2
1087	4	0	1	0	0	5
1088	0	0	0	1	0	1
1089	0	0	1	0	0	1
1090	0	3	0	0	0	3
1091	0	0	0	2	0	2
1092	0	0	0	2	0	2
1093	0	0	1	0	0	1
1094	0	0	0	1	0	1
1095	0	0	1	0	1	2
1096	2	2	0	0	1	5
1097	0	0	0	2	0	2
1098	0	3	0	0	0	3
1099	0	3	0	0	0	3
1100	0	0	4	0	0	4
1101	0	3	0	0	0	3
1102	0	0	0	2	0	2
1103	0	0	2	0	0	2
1104	0	1	0	0	0	1
1105	0	0	4	0	0	4
1106	0	0	0	2	0	2
1107	0	0	0	2	1	3
1108	0	3	0	0	0	3
1109	1	1	0	0	1	3
1110	0	0	0	2	1	3
1111	0	2	0	0	0	2
1112	0	2	0	0	0	2
1113	0	0	0	1	0	1
1114	0	0	4	0	0	4
1115	0	1	0	0	2	3
1116	0	3	0	0	0	3
1117	1	1	0	0	0	2
1118	0	2	0	0	0	2
1119	0	0	0	1	2	3
1120	1	0	0	2	0	3
1121	0	3	0	0	0	3
1122	0	1	0	0	0	1
1123	0	0	0	2	1	3
1124	0	0	2	0	0	2
1125	2	0	1	0	0	3
1126	0	4	0	0	0	4
1127	1	0	2	0	0	3

1128	1	0	0	2	1	4
1129	0	0	0	1	1	2
1130	0	0	0	1	0	1
1131	0	0	0	2	0	2
1132	1	0	0	1	0	2
1133	0	4	0	0	1	5
1134	2	0	0	2	1	5
1135	0	0	0	2	0	2
1136	0	2	0	0	0	2
1137	0	0	2	0	0	2
1138	2	1	0	0	0	3
1139	0	2	0	0	0	2
1140	0	3	0	0	2	5
1141	0	0	2	0	1	3
1142	0	1	0	0	0	1
1143	0	3	0	0	0	3
1144	0	4	0	0	0	4
1145	0	0	1	0	0	1
1146	0	0	0	1	0	1
1147	0	2	0	0	0	2
1148	2	1	0	0	0	3
1149	0	0	4	0	0	4
1150	0	1	0	0	0	1
1151	0	2	0	0	0	2
1152	0	1	0	0	0	1
1153	0	0	2	0	0	2
1154	2	4	0	0	0	6
1155	1	0	1	0	0	2
1156	0	0	2	0	0	2
1157	0	0	1	0	0	1
1158	0	2	0	0	0	2
1159	2	3	0	0	0	5
1160	0	0	0	2	1	3
1161	0	1	0	0	0	1
1162	0	1	0	0	0	1
1163	0	0	0	1	0	1
1164	0	2	0	0	0	2
1165	1	0	0	1	0	2
1166	0	4	0	0	0	4
1167	0	0	1	0	0	1
1168	0	4	0	0	0	4
1169	0	0	0	1	1	2
1170	0	0	0	2	0	2
1171	0	0	0	2	2	4
1172	0	3	0	0	1	4
1173	0	2	0	0	1	3
1174	0	0	0	2	1	3

1175	0	2	0	0	0	2
1176	0	1	0	0	0	1
1177	0	0	2	0	0	2
1178	4	0	0	2	0	6
1179	0	4	0	0	0	4
1180	0	0	1	0	0	1
1181	0	2	0	0	0	2
1182	0	1	0	0	0	1
1183	0	1	0	0	0	1
1184	2	0	0	1	0	3
1185	0	1	0	0	0	1
1186	0	1	0	0	2	3
1187	0	0	0	1	0	1
1188	0	2	0	0	0	2
1189	0	0	0	2	0	2
1190	0	0	0	1	0	1
1191	1	0	1	0	2	4
1192	2	0	0	2	0	4
1193	3	0	0	1	0	4
1194	0	2	0	0	0	2
1195	4	0	0	1	0	5
1196	0	0	0	1	2	3
1197	1	1	0	0	1	3
1198	1	0	2	0	0	3
1199	0	4	0	0	0	4
1200	1	4	0	0	0	5
1201	0	1	0	0	0	1
1202	0	2	0	0	0	2
1203	0	1	0	0	0	1
1204	1	0	0	1	0	2
1205	2	0	3	0	0	5
1206	0	0	2	0	0	2
1207	0	2	0	0	0	2
1208	0	3	0	0	0	3
1209	0	1	0	0	0	1
1210	1	2	0	0	0	3
1211	4	0	0	2	1	7
1212	0	0	0	1	0	1
1213	0	0	2	0	2	4
1214	1	0	0	1	1	3
1215	1	2	0	0	0	3
1216	0	1	0	0	0	1
1217	0	0	0	2	0	2
1218	0	2	0	0	1	3
1219	0	3	0	0	0	3
1220	1	0	0	2	0	3
1221	0	3	0	0	0	3

1222	0	3	0	0	0	3
1223	0	0	0	2	0	2
1224	0	2	0	0	0	2
1225	0	0	0	1	1	2
1226	0	0	1	0	2	3
1227	0	4	0	0	0	4
1228	0	1	0	0	1	2
1229	1	0	0	2	0	3
1230	1	0	0	2	0	3
1231	0	3	0	0	0	3
1232	1	0	1	0	0	2
1233	0	0	0	2	1	3
1234	0	0	1	0	0	1
1235	0	0	0	1	0	1
1236	0	2	0	0	0	2
1237	0	3	0	0	0	3
1238	0	0	1	0	2	3
1239	0	0	0	1	0	1
1240	1	0	0	1	0	2
1241	0	2	0	0	0	2
1242	1	0	2	0	1	4
1243	0	0	1	0	0	1
1244	1	0	2	0	2	5
1245	0	0	2	0	2	4
1246	0	0	2	0	0	2
1247	0	0	2	0	0	2
1248	0	0	1	0	0	1
1249	0	0	0	2	1	3
1250	0	0	2	0	0	2
1251	0	0	2	0	2	4
1252	0	0	0	2	2	4
1253	0	0	1	0	0	1
1254	0	0	1	0	0	1
1255	0	2	0	0	1	3
1256	1	4	0	0	0	5
1257	1	0	0	2	0	3
1258	1	4	0	0	0	5
1259	0	3	0	0	0	3
1260	0	0	1	0	0	1
1261	2	0	2	0	1	5
1262	3	0	1	0	0	4
1263	1	0	0	2	0	3
1264	0	0	0	1	0	1
1265	0	0	2	0	0	2
1266	1	2	0	0	0	3
1267	0	1	0	0	2	3
1268	0	3	0	0	2	5

1269	0	1	0	0	0	1
1270	0	0	0	2	0	2
1271	1	3	0	0	0	4
1272	1	0	2	0	0	3
1273	0	3	0	0	0	3
1274	0	4	0	0	0	4
1275	0	0	0	1	0	1
1276	0	0	2	0	2	4
1277	0	0	1	0	0	1
1278	0	1	0	0	0	1
1279	0	0	0	2	0	2
1280	0	1	0	0	0	1
1281	2	1	0	0	0	3
1282	0	3	0	0	0	3
1283	0	0	2	0	0	2
1284	1	0	2	0	0	3
1285	0	3	0	0	0	3
1286	1	2	0	0	0	3
1287	0	0	2	0	0	2
1288	0	1	0	0	0	1
1289	1	0	2	0	0	3
1290	0	0	0	1	0	1
1291	0	0	1	0	1	2
1292	0	0	0	2	0	2
1293	0	0	2	0	1	3
1294	1	0	1	0	0	2
1295	0	1	0	0	1	2
1296	2	2	0	0	0	4
1297	0	0	2	0	0	2
1298	0	3	0	0	0	3
1299	0	2	0	0	1	3
1300	0	0	0	1	0	1
1301	0	0	0	2	0	2
1302	0	2	0	0	0	2
1303	0	0	0	2	2	4
1304	1	0	1	0	0	2
1305	0	0	0	2	0	2
1306	0	4	0	0	0	4
1307	0	0	0	2	0	2
1308	0	4	0	0	0	4
1309	0	0	2	0	1	3
1310	0	4	0	0	0	4
1311	0	2	0	0	0	2
1312	0	4	0	0	0	4
1313	0	0	0	2	0	2
1314	1	0	1	0	0	2
1315	0	3	0	0	0	3

1316	0	0	0	1	0	1
1317	0	0	2	0	0	2
1318	0	0	0	1	0	1
1319	1	0	0	2	0	3
1320	0	0	2	0	0	2
1321	2	0	0	1	0	3
1322	1	2	0	0	1	4
1323	0	0	0	2	0	2
1324	0	0	0	2	0	2
1325	0	4	0	0	2	6
1326	0	0	0	1	0	1
1327	0	3	0	0	0	3
1328	0	2	0	0	0	2
1329	2	0	0	1	0	3
1330	0	3	0	0	0	3
1331	0	3	0	0	0	3
1332	1	0	0	2	0	3
1333	0	0	1	0	0	1
1334	1	0	1	0	0	2
1335	0	0	0	1	0	1
1336	0	0	0	2	0	2
1337	0	0	1	0	1	2
1338	0	0	0	2	0	2
1339	1	2	0	0	0	3
1340	1	0	0	2	1	4
1341	0	0	0	2	0	2
1342	0	0	2	0	0	2
1343	0	1	0	0	0	1
1344	0	0	0	2	0	2
1345	0	0	0	2	0	2
1346	1	1	0	0	1	3
1347	0	0	3	0	1	4
1348	0	4	0	0	0	4
1349	1	0	0	1	1	3
1350	0	0	2	0	1	3
1351	0	0	0	1	0	1
1352	1	0	0	2	1	4
1353	1	0	1	0	1	3
1354	0	2	0	0	0	2
1355	0	0	0	1	0	1
1356	0	0	0	2	0	2
1357	0	0	0	2	0	2
1358	0	0	1	0	2	3
1359	3	0	0	2	0	5
1360	1	4	0	0	0	5
1361	0	0	1	0	0	1
1362	0	1	0	0	0	1

1363	0	3	0	0	1	4
1364	0	4	0	0	0	4
1365	0	0	0	2	1	3
1366	3	0	0	2	0	5
1367	0	0	2	0	0	2
1368	1	4	0	0	0	5
1369	0	1	0	0	0	1
1370	0	4	0	0	0	4
1371	4	3	0	0	0	7
1372	0	2	0	0	2	4
1373	0	0	0	2	0	2
1374	0	0	2	0	0	2
1375	0	0	0	1	0	1
1376	0	0	2	0	1	3
1377	0	0	2	0	0	2
1378	0	0	2	0	2	4
1379	0	3	0	0	0	3
1380	0	0	2	0	0	2
1381	1	0	0	1	0	2
1382	0	0	0	2	2	4
1383	0	2	0	0	0	2
1384	2	1	0	0	0	3
1385	0	4	0	0	0	4
1386	0	0	2	0	0	2
1387	0	0	0	2	0	2
1388	0	0	2	0	0	2
1389	0	1	0	0	0	1
1390	0	0	0	2	0	2
1391	0	0	0	2	2	4
1392	0	0	1	0	0	1
1393	1	3	0	0	0	4
1394	0	2	0	0	0	2
1395	1	0	0	2	0	3
1396	0	3	0	0	0	3
1397	0	2	0	0	0	2
1398	0	2	0	0	0	2
1399	0	0	0	2	0	2
1400	0	0	2	0	2	4
1401	1	1	0	0	1	3
1402	0	2	0	0	0	2
1403	0	0	2	0	0	2
1404	0	0	0	1	0	1
1405	0	0	0	2	0	2
1406	0	0	0	2	0	2
1407	0	2	0	0	0	2
1408	0	0	0	2	0	2
1409	0	4	0	0	0	4

1410	0	1	0	0	0	1
1411	0	0	0	1	0	1
1412	0	0	2	0	0	2
1413	0	0	2	0	0	2
1414	0	0	1	0	1	2
1415	1	1	0	0	0	2
1416	0	1	0	0	0	1
1417	0	0	2	0	0	2
1418	0	0	1	0	0	1
1419	0	0	1	0	2	3
1420	0	0	1	0	0	1
1421	0	3	0	0	0	3
1422	1	0	0	1	0	2
1423	0	0	2	0	0	2
1424	0	0	0	1	2	3
1425	0	0	1	0	0	1
1426	0	1	0	0	0	1
1427	1	0	3	0	2	6
1428	0	0	0	1	0	1
1429	1	0	1	0	0	2
1430	0	0	1	0	0	1
1431	0	0	1	0	0	1
1432	0	0	1	0	0	1
1433	0	0	0	1	0	1
1434	0	1	0	0	0	1
1435	0	0	0	1	0	1
1436	1	1	0	0	1	3
1437	1	2	0	0	0	3
1438	0	3	0	0	0	3
1439	0	1	0	0	0	1
1440	1	4	0	0	0	5
1441	0	0	0	2	0	2
1442	0	1	0	0	2	3
1443	0	0	0	1	0	1
1444	1	3	0	0	0	4
1445	0	0	0	2	0	2
1446	0	0	0	2	0	2
1447	0	4	0	0	0	4
1448	1	0	0	2	0	3
1449	0	1	0	0	0	1
1450	0	0	0	1	0	1
1451	0	0	2	0	2	4
1452	0	4	0	0	0	4
1453	0	0	4	0	1	5
1454	0	0	0	2	0	2
1455	0	1	0	0	0	1
1456	0	1	0	0	0	1

1457	0	2	0	0	0	2
1458	1	0	1	0	2	4
1459	0	0	0	2	0	2
1460	0	0	3	0	0	3
1461	0	0	0	1	0	1
1462	0	1	0	0	0	1
1463	0	0	3	0	0	3
1464	2	0	0	2	0	4
1465	0	0	1	0	0	1
1466	1	0	1	0	2	4
1467	0	2	0	0	2	4
1468	2	0	2	0	2	6
1469	0	4	0	0	0	4
1470	0	0	1	0	0	1
1471	0	0	0	2	0	2
1472	0	0	1	0	2	3
1473	0	2	0	0	0	2
1474	0	0	0	1	1	2
1475	0	0	1	0	0	1
1476	0	0	2	0	0	2
1477	0	0	0	1	0	1
1478	2	4	0	0	0	6
1479	1	0	3	0	0	4
1480	0	4	0	0	1	5
1481	0	0	2	0	0	2
1482	0	0	1	0	0	1
1483	0	3	0	0	0	3
1484	1	0	1	0	0	2
1485	0	1	0	0	0	1
1486	3	0	0	2	0	5
1487	0	2	0	0	0	2
1488	0	0	0	1	0	1
1489	0	4	0	0	0	4
1490	0	1	0	0	0	1
1491	0	0	0	2	2	4
1492	0	0	0	2	0	2
1493	4	0	1	0	0	5
1494	1	3	0	0	2	6
1495	0	0	2	0	0	2
1496	0	0	0	2	0	2
1497	0	3	0	0	0	3
1498	0	3	0	0	0	3
1499	2	4	0	0	0	6
1500	0	4	0	0	2	6
1501	0	4	0	0	0	4
1502	2	0	0	1	0	3
1503	0	4	0	0	0	4

1504	0	3	0	0	0	3
1505	2	1	0	0	1	4
1506	0	0	0	1	0	1
1507	1	4	0	0	0	5
1508	0	0	1	0	0	1
1509	2	0	0	1	0	3
1510	0	1	0	0	0	1
1511	3	0	1	0	0	4
1512	0	0	1	0	1	2
1513	3	3	0	0	0	6
1514	0	0	2	0	0	2
1515	0	2	0	0	0	2
1516	0	0	0	1	0	1
1517	0	1	0	0	0	1
1518	4	0	1	0	0	5
1519	2	0	0	2	0	4
1520	0	0	1	0	0	1
1521	0	0	1	0	0	1
1522	0	0	0	1	0	1
1523	0	2	0	0	1	3
1524	0	2	0	0	0	2
1525	0	0	0	2	1	3
1526	1	0	3	0	2	6
1527	0	1	0	0	0	1
1528	1	0	1	0	0	2
1529	0	0	3	0	0	3
1530	0	0	2	0	0	2
1531	1	0	0	1	0	2
1532	0	0	0	2	0	2
1533	0	0	0	2	0	2
1534	0	2	0	0	0	2
1535	1	0	0	2	1	4
1536	0	0	2	0	0	2
1537	1	1	0	0	0	2
1538	0	3	0	0	0	3
1539	1	0	0	2	1	4
1540	1	4	0	0	1	6
1541	1	0	1	0	0	2
1542	0	0	0	2	0	2
1543	0	0	1	0	0	1
1544	0	4	0	0	0	4
1545	0	0	1	0	0	1
1546	0	2	0	0	0	2
1547	0	0	0	1	0	1
1548	0	0	0	2	0	2
1549	0	0	2	0	0	2
1550	0	2	0	0	2	4

1551	0	1	0	0	0	1
1552	0	0	2	0	0	2
1553	2	1	0	0	0	3
1554	0	2	0	0	0	2
1555	0	1	0	0	0	1
1556	0	2	0	0	0	2
1557	0	0	2	0	0	2
1558	0	1	0	0	2	3
1559	0	3	0	0	0	3
1560	0	0	0	2	0	2
1561	0	0	0	1	0	1
1562	3	2	0	0	0	5
1563	0	4	0	0	0	4
1564	0	4	0	0	0	4
1565	0	0	2	0	1	3
1566	0	3	0	0	0	3
1567	0	3	0	0	1	4
1568	0	2	0	0	0	2
1569	0	0	0	1	0	1
1570	0	0	0	2	0	2
1571	0	0	2	0	0	2
1572	1	0	0	1	0	2
1573	0	0	1	0	2	3
1574	0	0	0	2	0	2
1575	0	0	0	1	0	1
1576	0	3	0	0	0	3
1577	0	0	1	0	0	1
1578	1	0	1	0	0	2
1579	0	0	0	2	1	3
1580	0	0	2	0	0	2
1581	0	2	0	0	2	4
1582	0	4	0	0	0	4
1583	0	0	0	2	0	2
1584	0	0	0	2	0	2
1585	2	0	2	0	0	4
1586	2	0	0	1	0	3
1587	0	4	0	0	0	4
1588	0	0	1	0	0	1
1589	1	4	0	0	0	5
1590	0	0	0	2	0	2
1591	0	0	3	0	0	3
1592	0	0	1	0	0	1
1593	1	0	0	2	0	3
1594	0	0	2	0	0	2
1595	0	0	0	2	0	2
1596	1	3	0	0	0	4
1597	0	0	4	0	1	5

1598	0	2	0	0	2	4
1599	1	2	0	0	0	3
1600	0	1	0	0	0	1
1601	0	2	0	0	0	2
1602	2	0	0	2	0	4
1603	0	0	0	1	0	1
1604	0	0	0	1	0	1
1605	0	0	1	0	0	1
1606	1	1	0	0	0	2
1607	0	1	0	0	0	1
1608	0	2	0	0	0	2
1609	0	0	0	2	0	2
1610	0	0	1	0	0	1
1611	0	1	0	0	0	1
1612	0	0	2	0	0	2
1613	0	0	1	0	0	1
1614	0	0	0	2	0	2
1615	0	4	0	0	0	4
1616	0	3	0	0	0	3
1617	0	0	0	1	1	2
1618	0	0	0	2	0	2
1619	0	4	0	0	0	4
1620	3	0	3	0	1	7
1621	0	3	0	0	2	5
1622	3	3	0	0	2	8
1623	0	0	0	2	2	4
1624	0	0	1	0	0	1
1625	0	3	0	0	0	3
1626	1	0	2	0	0	3
1627	0	0	1	0	0	1
1628	1	0	2	0	0	3
1629	0	0	0	1	0	1
1630	0	3	0	0	0	3
1631	0	0	0	2	0	2
1632	0	3	0	0	2	5
1633	1	0	0	2	0	3
1634	1	2	0	0	1	4
1635	0	3	0	0	2	5
1636	0	1	0	0	0	1
1637	1	4	0	0	0	5
1638	0	1	0	0	0	1
1639	0	2	0	0	0	2
1640	1	0	0	2	0	3
1641	1	0	2	0	0	3
1642	0	0	2	0	0	2
1643	0	0	0	1	1	2
1644	0	1	0	0	0	1

1645	2	0	1	0	2	5
1646	0	0	0	2	2	4
1647	0	1	0	0	0	1
1648	1	0	2	0	2	5
1649	0	0	2	0	2	4
1650	0	0	2	0	0	2
1651	0	1	0	0	0	1
1652	1	0	4	0	0	5
1653	0	4	0	0	0	4
1654	0	1	0	0	2	3
1655	0	0	0	2	0	2
1656	1	0	1	0	0	2
1657	1	2	0	0	2	5
1658	0	4	0	0	0	4
1659	0	0	0	1	1	2
1660	0	0	0	1	0	1
1661	1	0	3	0	0	4
1662	0	0	0	2	0	2
1663	2	3	0	0	0	5
1664	1	4	0	0	0	5
1665	0	0	2	0	0	2
1666	0	2	0	0	0	2
1667	0	0	0	1	0	1
1668	0	1	0	0	1	2
1669	3	0	0	2	0	5
1670	0	2	0	0	0	2
1671	0	0	0	2	0	2
1672	0	0	0	2	0	2
1673	0	4	0	0	0	4
1674	0	0	2	0	0	2
1675	0	0	0	2	0	2
1676	1	2	0	0	0	3
1677	0	2	0	0	0	2
1678	0	0	1	0	0	1
1679	0	0	1	0	0	1
1680	0	1	0	0	0	1
1681	0	3	0	0	0	3
1682	0	0	1	0	0	1
1683	0	0	0	2	0	2
1684	0	0	0	2	2	4
1685	0	0	0	0	1	1
1686	0	0	1	0	0	1
1687	1	0	0	1	2	4
1688	0	0	1	0	1	2
1689	0	0	1	0	0	1
1690	0	0	0	1	2	3
1691	0	2	0	0	0	2

1692	0	0	1	0	0	1
1693	0	0	0	2	0	2
1694	0	0	0	2	0	2
1695	0	1	0	0	2	3
1696	0	4	0	0	0	4
1697	1	4	0	0	0	5
1698	1	0	2	0	0	3
1699	1	0	0	2	0	3
1700	0	2	0	0	0	2
1701	0	0	1	0	0	1
1702	0	0	2	0	0	2
1703	1	3	0	0	0	4
1704	0	0	1	0	0	1
1705	0	0	1	0	0	1
1706	0	0	2	0	1	3
1707	1	1	0	0	0	2
1708	0	0	2	0	0	2
1709	0	0	0	2	0	2
1710	0	0	0	2	0	2
1711	0	2	0	0	0	2
1712	0	0	0	2	0	2
1713	0	0	0	2	0	2
1714	3	0	0	2	0	5
1715	0	4	0	0	0	4
1716	1	0	0	2	1	4
1717	0	0	2	0	2	4
1718	3	0	0	1	1	5
1719	1	2	0	0	0	3
1720	0	4	0	0	2	6
1721	0	0	3	0	0	3
1722	0	1	0	0	0	1
1723	0	2	0	0	1	3
1724	2	0	2	0	0	4
1725	0	0	1	0	0	1
1726	0	2	0	0	0	2
1727	0	1	0	0	2	3
1728	0	0	0	1	2	3
1729	0	0	1	0	0	1
1730	0	0	2	0	0	2
1731	1	0	0	2	0	3
1732	1	0	0	2	0	3
1733	2	0	0	1	0	3
1734	0	0	0	2	0	2
1735	0	3	0	0	0	3
1736	0	1	0	0	0	1
1737	0	3	0	0	0	3
1738	0	0	0	2	0	2

1739	0	4	0	0	0	4
1740	0	1	0	0	0	1
1741	0	0	2	0	0	2
1742	0	0	2	0	0	2
1743	0	0	0	2	0	2
1744	0	0	2	0	0	2
1745	0	2	0	0	0	2
1746	0	0	0	2	0	2
1747	1	0	0	1	2	4
1748	0	2	0	0	0	2
1749	0	1	0	0	0	1
1750	0	0	1	0	0	1
1751	0	0	2	0	0	2
1752	0	0	3	0	0	3
1753	0	0	3	0	0	3
1754	0	0	0	2	0	2
1755	0	0	0	1	0	1
1756	0	3	0	0	0	3
1757	0	2	0	0	0	2
1758	0	0	2	0	0	2
1759	0	0	0	2	0	2
1760	0	0	2	0	0	2
1761	0	2	0	0	0	2
1762	0	1	0	0	0	1
1763	0	0	0	1	0	1
1764	0	0	2	0	0	2
1765	0	0	0	2	1	3
1766	0	1	0	0	0	1
1767	0	0	1	0	0	1
1768	0	3	0	0	0	3
1769	0	2	0	0	0	2
1770	0	4	0	0	0	4
1771	0	0	4	0	0	4
1772	0	0	1	0	2	3
1773	0	0	2	0	0	2
1774	0	0	0	1	2	3
1775	0	2	0	0	0	2
1776	0	0	2	0	2	4
1777	1	2	0	0	0	3
1778	0	0	0	2	0	2
1779	0	2	0	0	0	2
1780	0	4	0	0	0	4
1781	2	0	2	0	2	6
1782	0	2	0	0	0	2
1783	2	0	1	0	1	4
1784	1	0	2	0	0	3
1785	1	0	2	0	2	5

1786	0	3	0	0	0	3
1787	0	0	0	2	2	4
1788	1	2	0	0	0	3
1789	2	3	0	0	0	5
1790	0	2	0	0	1	3
1791	0	0	1	0	0	1
1792	0	2	0	0	0	2
1793	0	0	0	1	0	1
1794	0	3	0	0	1	4
1795	0	4	0	0	0	4
1796	0	0	1	0	1	2
1797	0	0	4	0	0	4
1798	0	0	0	2	0	2
1799	1	0	0	2	2	5
1800	0	2	0	0	0	2
1801	0	0	3	0	0	3
1802	0	0	0	1	0	1
1803	0	0	0	2	1	3
1804	0	0	1	0	0	1
1805	0	0	0	1	1	2
1806	0	0	0	1	0	1
1807	0	4	0	0	1	5
1808	0	0	1	0	0	1
1809	2	0	2	0	0	4
1810	0	0	0	2	2	4
1811	0	2	0	0	0	2
1812	0	0	0	2	0	2
1813	0	2	0	0	1	3
1814	0	4	0	0	1	5
1815	0	0	1	0	2	3
1816	0	4	0	0	0	4
1817	0	4	0	0	0	4
1818	0	0	2	0	0	2
1819	0	0	0	1	0	1
1820	0	0	0	1	2	3
1821	1	0	2	0	1	4
1822	0	0	1	0	0	1
1823	0	0	4	0	0	4
1824	0	0	1	0	0	1
1825	0	1	0	0	0	1
1826	1	0	0	1	0	2
1827	0	0	0	2	0	2
1828	0	0	0	2	0	2
1829	0	0	0	2	0	2
1830	0	0	0	2	0	2
1831	1	0	0	1	0	2
1832	0	4	0	0	0	4

1833	1	0	2	0	0	3
1834	0	0	0	2	0	2
1835	1	1	0	0	0	2
1836	0	0	2	0	0	2
1837	0	0	1	0	0	1
1838	1	0	0	1	0	2
1839	2	2	0	0	0	4
1840	0	2	0	0	0	2
1841	0	0	2	0	1	3
1842	0	3	0	0	0	3
1843	4	4	0	0	0	8
1844	1	4	0	0	2	7
1845	0	0	2	0	0	2
1846	0	0	1	0	1	2
1847	0	4	0	0	0	4
1848	1	3	0	0	0	4
1849	0	3	0	0	0	3
1850	0	0	0	2	0	2
1851	0	0	0	1	0	1
1852	0	0	2	0	0	2
1853	0	0	0	2	0	2
1854	0	0	0	1	0	1
1855	0	1	0	0	0	1
1856	0	0	1	0	2	3
1857	0	2	0	0	0	2
1858	0	2	0	0	0	2
1859	2	1	0	0	2	5
1860	0	0	2	0	1	3
1861	0	1	0	0	0	1
1862	0	3	0	0	1	4
1863	0	3	0	0	0	3
1864	0	0	0	2	1	3
1865	0	3	0	0	0	3
1866	0	1	0	0	2	3
1867	0	0	1	0	0	1
1868	0	0	2	0	0	2
1869	0	0	1	0	1	2
1870	1	1	0	0	0	2
1871	0	3	0	0	0	3
1872	0	4	0	0	0	4
1873	0	3	0	0	0	3
1874	0	3	0	0	1	4
1875	0	2	0	0	0	2
1876	0	0	2	0	0	2
1877	0	0	1	0	0	1
1878	0	2	0	0	0	2
1879	0	0	1	0	2	3

1880	1	4	0	0	2	7
1881	0	0	2	0	2	4
1882	1	1	0	0	0	2
1883	0	1	0	0	0	1
1884	0	0	0	1	0	1
1885	0	0	0	1	0	1
1886	1	0	0	1	1	3
1887	0	0	0	2	0	2
1888	3	1	0	0	0	4
1889	0	0	0	2	1	3
1890	1	0	2	0	0	3
1891	0	3	0	0	0	3
1892	2	0	3	0	0	5
1893	0	0	0	2	1	3
1894	0	0	3	0	0	3
1895	2	0	0	2	2	6
1896	1	1	0	0	0	2
1897	0	1	0	0	0	1
1898	0	0	0	1	0	1
1899	0	0	0	1	0	1
1900	0	4	0	0	0	4
1901	0	2	0	0	0	2
1902	0	1	0	0	0	1
1903	0	0	0	1	0	1
1904	0	2	0	0	2	4
1905	0	3	0	0	0	3
1906	2	0	2	0	0	4
1907	0	0	1	0	2	3
1908	1	4	0	0	0	5
1909	0	2	0	0	0	2
1910	1	0	0	2	0	3
1911	0	0	0	2	0	2
1912	0	1	0	0	0	1
1913	0	0	1	0	0	1
1914	0	3	0	0	0	3
1915	0	0	3	0	0	3
1916	0	0	1	0	0	1
1917	0	0	1	0	0	1
1918	0	3	0	0	2	5
1919	1	0	1	0	2	4
1920	0	1	0	0	2	3
1921	0	4	0	0	0	4
1922	0	0	2	0	0	2
1923	1	4	0	0	0	5
1924	0	3	0	0	2	5
1925	1	4	0	0	0	5
1926	0	0	2	0	0	2

1927	0	0	2	0	0	2
1928	0	0	0	2	0	2
1929	0	1	0	0	0	1
1930	0	0	0	2	2	4
1931	0	0	0	1	1	2
1932	0	0	2	0	0	2
1933	0	0	0	2	0	2
1934	0	1	0	0	2	3
1935	0	2	0	0	2	4
1936	0	3	0	0	0	3
1937	0	0	2	0	0	2
1938	0	2	0	0	0	2
1939	0	1	0	0	0	1
1940	0	0	3	0	0	3
1941	0	0	2	0	0	2
1942	2	0	2	0	0	4
1943	1	0	0	2	1	4
1944	0	0	2	0	1	3
1945	0	0	0	2	2	4
1946	1	0	0	2	2	5
1947	0	0	0	1	0	1
1948	0	4	0	0	0	4
1949	0	0	0	1	2	3
1950	0	1	0	0	1	2
1951	0	0	0	2	0	2
1952	1	0	0	1	0	2
1953	0	0	0	2	0	2
1954	0	3	0	0	0	3
1955	0	0	0	1	0	1
1956	0	2	0	0	0	2
1957	1	0	1	0	0	2
1958	0	2	0	0	0	2
1959	1	0	1	0	0	2
1960	0	0	0	2	0	2
1961	0	4	0	0	0	4
1962	0	3	0	0	0	3
1963	0	1	0	0	2	3
1964	0	0	2	0	0	2
1965	2	0	2	0	0	4
1966	0	0	0	2	0	2
1967	0	2	0	0	0	2
1968	0	0	1	0	0	1
1969	0	0	0	2	0	2
1970	0	0	0	1	0	1
1971	2	2	0	0	0	4
1972	0	1	0	0	0	1
1973	0	0	0	2	0	2

1974	0	0	0	2	0	2
1975	0	4	0	0	0	4
1976	0	2	0	0	0	2
1977	0	2	0	0	0	2
1978	0	0	0	1	0	1
1979	0	0	2	0	2	4
1980	1	0	0	2	0	3
1981	0	0	0	1	1	2
1982	0	0	0	2	0	2
1983	0	0	0	1	0	1
1984	0	0	0	2	2	4
1985	0	4	0	0	0	4
1986	0	4	0	0	0	4
1987	1	2	0	0	2	5
1988	0	0	1	0	0	1
1989	2	4	0	0	0	6
1990	0	0	1	0	0	1
1991	0	0	1	0	0	1
1992	0	0	0	1	2	3
1993	0	0	1	0	0	1
1994	0	0	2	0	0	2
1995	0	0	0	2	0	2
1996	0	0	2	0	0	2
1997	0	4	0	0	0	4
1998	0	0	2	0	0	2
1999	2	0	0	2	0	4
2000	0	3	0	0	0	3
2001	1	3	0	0	2	6
2002	0	0	0	2	0	2
2003	0	1	0	0	1	2
2004	2	0	0	2	1	5
2005	0	0	0	2	0	2
2006	0	0	0	2	0	2
2007	0	0	0	1	0	1
2008	0	0	0	2	2	4
2009	0	0	2	0	0	2
2010	0	4	0	0	1	5
2011	4	3	0	0	0	7
2012	0	0	1	0	0	1
2013	0	0	1	0	2	3
2014	0	0	2	0	0	2
2015	2	0	0	2	1	5
2016	0	1	0	0	0	1
2017	0	0	3	0	0	3
2018	0	2	0	0	0	2
2019	0	4	0	0	1	5
2020	0	0	0	2	0	2

2021	0	0	0	1	1	2
2022	0	1	0	0	0	1
2023	0	0	0	1	0	1
2024	0	3	0	0	0	3
2025	0	2	0	0	0	2
2026	2	2	0	0	0	4
2027	0	3	0	0	0	3
2028	0	1	0	0	0	1
2029	0	2	0	0	0	2
2030	0	4	0	0	0	4
2031	0	0	0	2	0	2
2032	0	3	0	0	1	4
2033	0	0	1	0	0	1
2034	0	1	0	0	1	2
2035	0	0	0	1	0	1
2036	0	0	0	2	0	2
2037	0	4	0	0	0	4
2038	0	0	1	0	0	1
2039	0	0	0	1	0	1
2040	0	1	0	0	0	1
2041	0	0	0	2	0	2
2042	1	0	0	2	0	3
2043	1	0	0	2	1	4
2044	0	0	0	1	0	1
2045	0	0	0	2	2	4
2046	0	0	3	0	0	3
2047	2	0	0	1	0	3
2048	1	4	0	0	0	5
2049	0	0	1	0	2	3
2050	0	0	1	0	2	3
2051	0	0	2	0	0	2
2052	3	0	0	1	0	4
2053	0	2	0	0	1	3
2054	1	3	0	0	0	4
2055	0	0	0	1	0	1
2056	0	0	4	0	0	4
2057	0	0	2	0	0	2
2058	0	1	0	0	0	1
2059	0	0	1	0	1	2
2060	2	0	0	2	0	4
2061	0	0	0	2	0	2
2062	0	2	0	0	0	2
2063	2	0	0	2	0	4
2064	0	0	1	0	0	1
2065	0	0	4	0	1	5
2066	2	2	0	0	1	5
2067	0	1	0	0	0	1

2068	0	0	0	1	0	1
2069	0	0	0	1	0	1
2070	0	0	0	2	0	2
2071	2	2	0	0	0	4
2072	0	3	0	0	0	3
2073	0	0	1	0	1	2
2074	0	0	2	0	0	2
2075	1	0	2	0	0	3
2076	1	3	0	0	0	4
2077	0	1	0	0	0	1
2078	0	1	0	0	0	1
2079	0	0	0	1	0	1
2080	0	1	0	0	0	1
2081	0	0	2	0	0	2
2082	0	0	0	2	0	2
2083	0	0	0	1	0	1
2084	0	0	0	2	0	2
2085	0	0	2	0	0	2
2086	0	2	0	0	0	2
2087	0	1	0	0	2	3
2088	0	0	0	2	2	4
2089	1	3	0	0	1	5
2090	0	0	0	2	0	2
2091	0	0	0	1	0	1
2092	1	0	0	2	0	3
2093	1	0	0	1	0	2
2094	0	4	0	0	0	4
2095	2	0	0	2	2	6
2096	2	0	0	2	2	6
2097	2	0	0	1	0	3
2098	0	1	0	0	0	1
2099	0	0	2	0	0	2
2100	0	2	0	0	0	2
2101	2	1	0	0	0	3
2102	0	0	2	0	0	2
2103	0	1	0	0	0	1
2104	0	0	0	2	0	2
2105	0	0	0	2	1	3
2106	0	0	2	0	0	2
2107	0	4	0	0	0	4
2108	0	0	1	0	0	1
2109	0	0	0	2	0	2
2110	0	4	0	0	0	4
2111	0	0	1	0	0	1
2112	0	0	3	0	2	5
2113	0	0	1	0	0	1
2114	0	4	0	0	0	4

2115	3	0	2	0	0	5
2116	1	0	0	2	0	3
2117	1	0	1	0	0	2
2118	0	0	1	0	0	1
2119	0	0	0	2	0	2
2120	0	0	0	2	0	2
2121	0	0	0	1	0	1
2122	3	4	0	0	0	7
2123	1	0	0	2	0	3
2124	0	0	0	1	0	1
2125	1	0	0	2	0	3
2126	1	3	0	0	2	6
2127	0	0	1	0	0	1
2128	0	0	0	1	0	1
2129	0	0	1	0	0	1
2130	3	4	0	0	0	7
2131	0	2	0	0	0	2
2132	2	1	0	0	0	3
2133	0	0	1	0	0	1
2134	1	4	0	0	0	5
2135	1	3	0	0	0	4
2136	0	3	0	0	0	3
2137	0	1	0	0	2	3
2138	0	0	0	1	1	2
2139	2	0	1	0	0	3
2140	0	0	1	0	0	1
2141	0	0	1	0	0	1
2142	2	0	1	0	0	3
2143	0	1	0	0	0	1
2144	0	0	2	0	0	2
2145	3	2	0	0	0	5
2146	0	0	2	0	0	2
2147	4	0	0	1	0	5
2148	0	0	0	2	0	2
2149	0	0	2	0	1	3
2150	1	1	0	0	2	4
2151	0	0	2	0	0	2
2152	0	0	0	2	0	2
2153	1	2	0	0	0	3
2154	0	2	0	0	0	2
2155	0	0	2	0	0	2
2156	1	0	2	0	0	3
2157	2	0	1	0	2	5
2158	0	3	0	0	0	3
2159	0	3	0	0	0	3
2160	0	0	2	0	0	2
2161	1	1	0	0	0	2

2162	0	0	0	1	0	1
2163	0	1	0	0	0	1
2164	0	0	2	0	1	3
2165	0	0	2	0	2	4
2166	0	0	0	1	0	1
2167	0	0	0	2	0	2
2168	1	0	2	0	0	3
2169	3	0	4	0	0	7
2170	0	0	0	1	0	1
2171	0	0	1	0	0	1
2172	0	0	0	2	2	4
2173	0	0	2	0	1	3
2174	0	3	0	0	2	5
2175	0	0	2	0	0	2
2176	1	1	0	0	1	3
2177	0	0	2	0	0	2
2178	0	0	1	0	2	3
2179	2	0	0	2	0	4
2180	0	4	0	0	1	5
2181	0	0	2	0	2	4
2182	0	2	0	0	0	2
2183	1	3	0	0	1	5
2184	0	3	0	0	1	4
2185	0	3	0	0	0	3
2186	0	3	0	0	0	3
2187	0	0	1	0	0	1
2188	0	3	0	0	0	3
2189	0	2	0	0	0	2
2190	3	0	0	2	0	5
2191	0	0	0	2	0	2
2192	0	0	0	2	0	2
2193	0	4	0	0	0	4
2194	0	0	1	0	0	1
2195	0	2	0	0	0	2
2196	0	0	0	2	2	4
2197	0	0	0	1	0	1
2198	0	0	0	2	0	2
2199	0	0	1	0	0	1
2200	0	3	0	0	0	3
2201	0	4	0	0	0	4
2202	1	0	0	2	0	3
2203	0	0	3	0	0	3
2204	0	3	0	0	0	3
2205	0	0	0	1	0	1
2206	0	1	0	0	0	1
2207	2	1	0	0	0	3
2208	0	3	0	0	0	3

2209	0	2	0	0	0	2
2210	0	0	0	2	0	2
2211	2	0	0	2	0	4
2212	0	4	0	0	0	4
2213	0	0	1	0	1	2
2214	0	0	0	2	0	2
2215	0	0	0	1	2	3
2216	0	0	2	0	0	2
2217	0	0	2	0	2	4
2218	0	0	1	0	0	1
2219	0	3	0	0	0	3
2220	0	4	0	0	2	6
2221	0	1	0	0	1	2
2222	0	0	2	0	0	2
2223	0	0	2	0	0	2
2224	0	0	1	0	0	1
2225	0	3	0	0	0	3
2226	0	0	2	0	0	2
2227	0	0	0	2	0	2
2228	0	0	4	0	0	4
2229	0	0	0	2	0	2
2230	0	3	0	0	1	4
2231	1	0	2	0	0	3
2232	0	4	0	0	0	4
2233	1	1	0	0	0	2
2234	0	4	0	0	0	4
2235	2	2	0	0	0	4
2236	0	0	1	0	0	1
2237	0	0	0	2	0	2
2238	0	0	2	0	2	4
2239	0	4	0	0	2	6
2240	0	4	0	0	0	4
2241	2	0	1	0	1	4
2242	0	0	2	0	0	2
2243	1	1	0	0	1	3
2244	1	4	0	0	0	5
2245	2	0	0	1	1	4
2246	0	4	0	0	0	4
2247	0	0	0	2	0	2
2248	0	0	1	0	0	1
2249	0	2	0	0	0	2
2250	0	2	0	0	0	2
2251	0	0	2	0	0	2
2252	0	1	0	0	0	1
2253	0	0	1	0	0	1
2254	0	0	1	0	0	1
2255	0	0	0	2	0	2

2256	0	0	0	2	0	2
2257	0	1	0	0	0	1
2258	0	3	0	0	0	3
2259	1	0	0	1	0	2
2260	0	0	0	2	0	2
2261	0	0	0	1	0	1
2262	0	3	0	0	0	3
2263	0	3	0	0	0	3
2264	0	0	2	0	0	2
2265	0	2	0	0	0	2
2266	0	4	0	0	1	5
2267	0	2	0	0	0	2
2268	2	0	0	2	1	5
2269	1	0	4	0	0	5
2270	0	0	1	0	2	3
2271	0	3	0	0	0	3
2272	3	0	2	0	0	5
2273	0	2	0	0	2	4
2274	3	0	0	1	1	5
2275	0	1	0	0	1	2
2276	0	0	2	0	2	4
2277	0	0	1	0	0	1
2278	0	0	1	0	0	1
2279	0	4	0	0	0	4
2280	1	3	0	0	0	4
2281	4	0	0	2	2	8
2282	0	1	0	0	0	1
2283	3	4	0	0	0	7
2284	0	1	0	0	2	3
2285	0	0	0	2	0	2
2286	0	0	0	1	0	1
2287	0	0	0	2	0	2
2288	0	0	2	0	0	2
2289	0	0	0	2	0	2
2290	0	0	0	2	0	2
2291	0	0	3	0	1	4
2292	0	4	0	0	0	4
2293	0	0	0	1	2	3
2294	0	0	2	0	0	2
2295	0	4	0	0	0	4
2296	0	0	0	1	0	1
2297	0	0	0	2	0	2
2298	0	0	1	0	0	1
2299	0	3	0	0	0	3
2300	0	2	0	0	2	4
2301	0	0	0	1	0	1
2302	1	2	0	0	0	3

2303	0	0	2	0	0	2
2304	0	3	0	0	0	3
2305	1	0	1	0	0	2
2306	0	0	1	0	0	1
2307	0	3	0	0	0	3
2308	0	0	4	0	0	4
2309	0	0	0	1	1	2
2310	0	0	0	2	0	2
2311	1	0	2	0	0	3
2312	2	1	0	0	0	3
2313	0	0	1	0	0	1
2314	0	1	0	0	0	1
2315	0	0	0	2	1	3
2316	0	0	0	2	0	2
2317	3	0	0	2	0	5
2318	0	0	2	0	0	2
2319	0	0	1	0	0	1
2320	0	0	0	2	1	3
2321	0	0	0	2	0	2
2322	0	0	0	1	0	1
2323	0	1	0	0	2	3
2324	0	3	0	0	0	3
2325	0	0	0	2	0	2
2326	0	4	0	0	0	4
2327	0	0	2	0	2	4
2328	1	0	2	0	0	3
2329	0	0	1	0	0	1
2330	1	0	0	2	0	3
2331	0	4	0	0	1	5
2332	1	0	3	0	0	4
2333	0	0	3	0	1	4
2334	0	0	0	2	0	2
2335	0	0	1	0	1	2
2336	2	2	0	0	1	5
2337	0	0	1	0	2	3
2338	1	2	0	0	0	3
2339	0	1	0	0	0	1
2340	0	0	2	0	0	2
2341	0	0	0	2	0	2
2342	0	3	0	0	0	3
2343	1	0	1	0	1	3
2344	4	1	0	0	0	5
2345	4	3	0	0	0	7
2346	0	0	0	2	0	2
2347	0	1	0	0	0	1
2348	0	0	0	1	1	2
2349	2	0	0	1	0	3

2350	0	2	0	0	0	2
2351	0	0	0	2	2	4
2352	0	0	2	0	2	4
2353	1	0	4	0	0	5
2354	0	1	0	0	1	2
2355	0	0	0	2	2	4
2356	0	0	2	0	2	4
2357	0	2	0	0	0	2
2358	0	3	0	0	0	3
2359	0	0	0	1	0	1
2360	0	0	1	0	0	1
2361	0	1	0	0	1	2
2362	0	0	2	0	2	4
2363	1	0	0	2	0	3
2364	0	0	1	0	0	1
2365	1	3	0	0	0	4
2366	0	4	0	0	0	4
2367	1	0	0	2	2	5
2368	0	0	2	0	0	2
2369	0	0	1	0	2	3
2370	0	2	0	0	0	2
2371	0	0	0	2	1	3
2372	0	0	1	0	0	1
2373	0	0	1	0	0	1
2374	0	0	1	0	1	2
2375	2	0	0	2	0	4
2376	0	0	1	0	0	1
2377	1	3	0	0	0	4
2378	0	0	2	0	0	2
2379	0	0	0	1	0	1
2380	0	0	1	0	0	1
2381	0	0	0	1	0	1
2382	1	0	0	1	0	2
2383	1	2	0	0	0	3
2384	0	0	2	0	0	2
2385	0	0	0	1	0	1
2386	0	0	0	2	0	2
2387	2	3	0	0	1	6
2388	1	4	0	0	0	5
2389	0	0	2	0	2	4
2390	0	0	4	0	1	5
2391	0	2	0	0	0	2
2392	1	0	0	2	0	3
2393	1	4	0	0	2	7
2394	0	0	0	2	2	4
2395	0	1	0	0	0	1
2396	1	0	1	0	0	2

2397	0	4	0	0	0	4
2398	0	0	0	2	0	2
2399	0	0	2	0	0	2
2400	0	0	1	0	0	1
2401	0	0	0	1	0	1
2402	0	3	0	0	0	3
2403	0	1	0	0	0	1
2404	1	2	0	0	0	3
2405	0	0	0	2	0	2
2406	0	1	0	0	0	1
2407	0	0	2	0	0	2
2408	0	0	0	2	0	2
2409	0	3	0	0	1	4
2410	0	4	0	0	0	4
2411	0	0	2	0	0	2
2412	0	4	0	0	0	4
2413	0	0	0	2	0	2
2414	0	0	1	0	0	1
2415	0	2	0	0	0	2
2416	0	0	0	2	0	2
2417	0	0	1	0	0	1
2418	1	0	1	0	2	4
2419	0	1	0	0	1	2
2420	0	4	0	0	0	4
2421	0	0	1	0	0	1
2422	0	0	1	0	0	1
2423	0	2	0	0	0	2
2424	0	0	0	2	2	4
2425	0	3	0	0	2	5
2426	0	0	0	1	0	1
2427	0	0	2	0	0	2
2428	1	0	0	1	0	2
2429	0	0	0	2	2	4
2430	1	0	0	2	0	3
2431	1	0	0	2	0	3
2432	0	4	0	0	2	6
2433	1	2	0	0	0	3
2434	0	0	0	2	0	2
2435	0	2	0	0	0	2
2436	0	4	0	0	0	4
2437	0	0	0	2	0	2
2438	0	0	0	2	0	2
2439	0	0	0	1	0	1
2440	3	4	0	0	1	8
2441	0	2	0	0	0	2
2442	0	0	0	2	0	2
2443	0	0	0	2	0	2

2444	0	0	0	1	0	1
2445	0	0	0	1	0	1
2446	4	4	0	0	0	8
2447	0	0	0	2	2	4
2448	1	0	0	2	0	3
2449	0	0	0	1	0	1
2450	0	3	0	0	0	3
2451	1	0	1	0	0	2
2452	0	0	0	1	0	1
2453	0	2	0	0	2	4
2454	2	0	0	2	0	4
2455	1	0	0	2	0	3
2456	0	4	0	0	1	5
2457	0	3	0	0	0	3
2458	0	3	0	0	2	5
2459	4	3	0	0	0	7
2460	0	0	0	2	0	2
2461	0	0	0	2	0	2
2462	0	0	0	2	0	2
2463	0	3	0	0	0	3
2464	0	0	4	0	0	4
2465	4	2	0	0	0	6
2466	1	0	0	2	0	3
2467	0	3	0	0	0	3
2468	3	0	2	0	0	5
2469	0	0	0	2	0	2
2470	0	0	0	2	0	2
2471	0	3	0	0	0	3
2472	0	0	0	2	0	2
2473	0	0	1	0	0	1
2474	0	0	0	2	0	2
2475	1	3	0	0	0	4
2476	0	0	0	2	0	2
2477	1	0	0	2	0	3
2478	1	0	2	0	1	4
2479	1	0	1	0	0	2
2480	0	0	1	0	0	1
2481	0	1	0	0	2	3
2482	3	0	0	2	0	5
2483	0	0	0	2	0	2
2484	1	0	2	0	0	3
2485	0	0	2	0	0	2
2486	0	0	0	1	0	1
2487	0	0	2	0	0	2
2488	4	0	1	0	0	5
2489	0	4	0	0	0	4
2490	0	0	2	0	0	2

2491	1	2	0	0	0	3
2492	0	3	0	0	0	3
2493	1	0	0	2	1	4
2494	0	0	1	0	0	1
2495	0	2	0	0	0	2
2496	1	4	0	0	0	5
2497	4	0	0	2	1	7
2498	1	3	0	0	0	4
2499	0	4	0	0	0	4
2500	0	0	0	1	1	2
2501	0	0	0	2	0	2
2502	0	0	2	0	2	4
2503	0	1	0	0	0	1
2504	0	0	0	1	0	1
2505	3	0	0	1	0	4
2506	2	0	0	2	0	4
2507	1	1	0	0	0	2
2508	0	2	0	0	0	2
2509	0	0	0	1	0	1
2510	0	1	0	0	0	1
2511	0	2	0	0	0	2
2512	1	0	2	0	0	3
2513	0	0	1	0	2	3
2514	0	0	0	2	0	2
2515	0	3	0	0	0	3
2516	0	1	0	0	0	1
2517	0	0	0	2	0	2
2518	1	1	0	0	0	2
2519	2	3	0	0	0	5
2520	1	0	4	0	0	5
2521	0	3	0	0	0	3
2522	0	2	0	0	2	4
2523	0	0	0	2	2	4
2524	0	3	0	0	0	3
2525	0	1	0	0	0	1
2526	0	3	0	0	0	3
2527	0	4	0	0	0	4
2528	0	0	0	1	0	1
2529	0	4	0	0	0	4
2530	0	0	2	0	0	2
2531	0	0	0	2	1	3
2532	0	1	0	0	0	1
2533	0	0	0	2	0	2
2534	2	2	0	0	0	4
2535	0	2	0	0	0	2
2536	1	0	0	2	1	4
2537	0	2	0	0	0	2

2538	0	1	0	0	2	3
2539	2	0	0	2	0	4
2540	0	0	0	1	0	1
2541	0	1	0	0	0	1
2542	0	1	0	0	2	3
2543	0	0	2	0	0	2
2544	0	3	0	0	0	3
2545	0	0	0	1	2	3
2546	0	0	0	2	0	2
2547	0	0	1	0	2	3
2548	0	0	2	0	0	2
2549	1	0	2	0	0	3
2550	0	2	0	0	1	3
2551	0	3	0	0	0	3
2552	0	0	0	2	0	2
2553	1	1	0	0	2	4
2554	3	0	1	0	0	4
2555	1	1	0	0	0	2
2556	1	2	0	0	0	3
2557	1	0	0	1	0	2
2558	0	0	0	2	0	2
2559	0	0	0	2	0	2
2560	0	0	0	1	0	1
2561	1	0	2	0	0	3
2562	0	1	0	0	0	1
2563	0	2	0	0	0	2
2564	2	0	2	0	0	4
2565	0	4	0	0	0	4
2566	0	0	0	1	0	1
2567	0	1	0	0	0	1
2568	1	1	0	0	0	2
2569	0	3	0	0	0	3
2570	0	0	0	2	0	2
2571	0	0	0	1	0	1
2572	1	1	0	0	0	2
2573	0	1	0	0	0	1
2574	0	0	2	0	0	2
2575	0	2	0	0	0	2
2576	4	0	0	2	0	6
2577	0	0	0	2	0	2
2578	0	2	0	0	0	2
2579	0	0	1	0	0	1
2580	1	0	0	2	0	3
2581	0	0	0	2	0	2
2582	0	4	0	0	0	4
2583	0	0	0	2	0	2
2584	0	0	1	0	2	3

2585	0	0	3	0	0	3
2586	0	1	0	0	0	1
2587	0	0	0	1	0	1
2588	4	0	0	2	0	6
2589	0	1	0	0	0	1
2590	0	0	2	0	0	2
2591	0	3	0	0	0	3
2592	2	0	0	2	0	4
2593	0	1	0	0	0	1
2594	0	0	2	0	2	4
2595	0	0	0	1	0	1
2596	0	4	0	0	0	4
2597	0	1	0	0	0	1
2598	0	0	0	2	0	2
2599	2	3	0	0	0	5
2600	0	0	0	2	0	2
2601	0	0	2	0	2	4
2602	3	0	0	1	0	4
2603	0	0	0	1	0	1
2604	0	1	0	0	0	1
2605	0	0	0	2	0	2
2606	1	2	0	0	0	3
2607	0	0	1	0	0	1
2608	0	3	0	0	2	5
2609	1	0	1	0	0	2
2610	1	1	0	0	1	3
2611	0	1	0	0	0	1
2612	4	3	0	0	0	7
2613	1	3	0	0	0	4
2614	0	0	1	0	0	1
2615	0	0	1	0	2	3
2616	0	2	0	0	0	2
2617	1	0	1	0	0	2
2618	0	4	0	0	0	4
2619	0	0	0	2	1	3
2620	0	0	0	2	0	2
2621	0	0	0	1	0	1
2622	0	0	1	0	0	1
2623	2	4	0	0	0	6
2624	0	4	0	0	0	4
2625	2	1	0	0	2	5
2626	0	0	0	2	1	3
2627	0	3	0	0	0	3
2628	0	0	0	1	0	1
2629	0	0	0	2	2	4
2630	0	4	0	0	1	5
2631	0	0	1	0	0	1

2632	0	3	0	0	0	3
2633	0	0	1	0	0	1
2634	0	0	3	0	0	3
2635	2	0	0	2	1	5
2636	0	3	0	0	0	3
2637	0	4	0	0	2	6
2638	2	0	2	0	1	5
2639	0	0	2	0	0	2
2640	0	0	1	0	1	2
2641	1	0	0	2	2	5
2642	1	1	0	0	2	4
2643	0	0	0	1	1	2
2644	0	0	1	0	2	3
2645	0	0	0	2	0	2
2646	0	3	0	0	0	3
2647	0	2	0	0	0	2
2648	0	4	0	0	0	4
2649	0	1	0	0	0	1
2650	0	0	1	0	0	1
2651	0	3	0	0	0	3
2652	0	4	0	0	0	4
2653	0	3	0	0	0	3
2654	0	1	0	0	0	1
2655	0	0	0	2	0	2
2656	0	1	0	0	0	1
2657	0	0	0	1	0	1
2658	0	2	0	0	2	4
2659	0	0	2	0	1	3
2660	0	0	2	0	0	2
2661	0	0	2	0	0	2
2662	1	4	0	0	1	6
2663	0	1	0	0	0	1
2664	2	0	2	0	0	4
2665	0	3	0	0	0	3
2666	0	0	0	2	0	2
2667	0	0	0	2	1	3
2668	0	0	2	0	0	2
2669	3	0	0	2	0	5
2670	0	1	0	0	0	1
2671	1	1	0	0	0	2
2672	0	0	0	1	0	1
2673	0	2	0	0	0	2
2674	0	4	0	0	0	4
2675	0	3	0	0	0	3
2676	0	0	1	0	0	1
2677	0	4	0	0	0	4
2678	0	0	1	0	0	1

2679	0	0	0	2	0	2
2680	0	2	0	0	0	2
2681	1	0	2	0	0	3
2682	1	3	0	0	0	4
2683	0	1	0	0	0	1
2684	0	3	0	0	0	3
2685	0	4	0	0	2	6
2686	0	0	2	0	2	4
2687	0	0	2	0	0	2
2688	0	2	0	0	0	2
2689	3	0	1	0	1	5
2690	2	2	0	0	0	4
2691	0	0	1	0	0	1
2692	0	0	2	0	2	4
2693	0	0	2	0	1	3
2694	1	0	0	2	0	3
2695	0	0	0	2	0	2
2696	0	4	0	0	0	4
2697	0	0	0	2	0	2
2698	0	4	0	0	0	4
2699	0	3	0	0	0	3
2700	0	0	4	0	0	4
2701	0	1	0	0	0	1
2702	0	3	0	0	0	3
2703	0	2	0	0	2	4
2704	0	4	0	0	0	4
2705	0	0	0	1	2	3
2706	1	1	0	0	0	2
2707	0	0	1	0	0	1
2708	0	0	1	0	0	1
2709	0	0	0	2	0	2
2710	1	0	1	0	1	3
2711	2	0	2	0	0	4
2712	1	0	0	2	0	3
2713	1	0	0	2	0	3
2714	1	0	2	0	0	3
2715	0	1	0	0	0	1
2716	0	2	0	0	0	2
2717	0	0	2	0	0	2
2718	0	0	2	0	1	3
2719	0	1	0	0	0	1
2720	0	0	2	0	0	2
2721	0	3	0	0	0	3
2722	0	2	0	0	0	2
2723	2	0	0	2	0	4
2724	0	0	0	2	0	2
2725	0	0	2	0	0	2

2726	0	0	2	0	0	2
2727	0	0	0	1	0	1
2728	0	0	0	2	0	2
2729	0	3	0	0	0	3
2730	0	0	2	0	0	2
2731	0	3	0	0	1	4
2732	1	0	1	0	0	2
2733	0	2	0	0	0	2
2734	0	0	0	2	1	3
2735	0	3	0	0	0	3
2736	0	0	0	2	0	2
2737	0	3	0	0	1	4
2738	0	1	0	0	0	1
2739	0	4	0	0	0	4
2740	0	1	0	0	0	1
2741	0	0	2	0	0	2
2742	1	1	0	0	2	4
2743	0	0	2	0	0	2
2744	1	4	0	0	0	5
2745	0	0	0	1	0	1
2746	0	1	0	0	0	1
2747	0	0	0	2	0	2
2748	0	0	2	0	0	2
2749	0	0	1	0	0	1
2750	0	2	0	0	0	2
2751	0	2	0	0	0	2
2752	0	1	0	0	0	1
2753	0	0	1	0	0	1
2754	0	2	0	0	0	2
2755	2	0	0	1	0	3
2756	0	0	1	0	1	2
2757	1	4	0	0	0	5
2758	0	4	0	0	0	4
2759	1	0	3	0	0	4
2760	1	0	0	1	0	2
2761	1	0	2	0	0	3
2762	0	4	0	0	2	6
2763	0	3	0	0	0	3
2764	0	0	2	0	0	2
2765	0	0	1	0	0	1
2766	1	0	2	0	0	3
2767	1	0	1	0	0	2
2768	0	4	0	0	2	6
2769	0	4	0	0	0	4
2770	1	4	0	0	0	5
2771	2	0	2	0	0	4
2772	0	1	0	0	0	1

2773	0	0	2	0	0	2
2774	1	0	0	2	0	3
2775	0	3	0	0	0	3
2776	0	0	1	0	0	1
2777	0	4	0	0	0	4
2778	0	0	2	0	0	2
2779	1	0	0	1	0	2
2780	4	0	0	2	0	6
2781	0	0	0	2	0	2
2782	0	0	0	2	0	2
2783	3	3	0	0	0	6
2784	0	3	0	0	0	3
2785	0	0	0	1	0	1
2786	0	4	0	0	0	4
2787	0	0	1	0	0	1
2788	0	4	0	0	0	4
2789	0	0	2	0	2	4
2790	0	0	2	0	0	2
2791	0	0	0	2	0	2
2792	0	3	0	0	0	3
2793	0	1	0	0	0	1
2794	0	0	0	1	0	1
2795	0	0	0	2	0	2
2796	0	4	0	0	1	5
2797	1	0	0	2	0	3
2798	0	3	0	0	0	3
2799	3	0	1	0	0	4
2800	0	3	0	0	0	3
2801	0	0	1	0	0	1
2802	0	0	0	2	0	2
2803	0	0	1	0	0	1
2804	2	2	0	0	0	4
2805	1	0	0	2	2	5
2806	0	3	0	0	0	3
2807	0	3	0	0	1	4
2808	0	0	0	2	0	2
2809	0	1	0	0	0	1
2810	1	0	2	0	2	5
2811	0	0	0	2	2	4
2812	0	2	0	0	0	2
2813	0	0	1	0	1	2
2814	0	0	2	0	0	2
2815	0	0	2	0	0	2
2816	0	4	0	0	1	5
2817	1	0	0	1	0	2
2818	2	1	0	0	0	3
2819	0	0	1	0	0	1

2820	0	2	0	0	2	4
2821	0	4	0	0	0	4
2822	0	0	0	2	0	2
2823	0	3	0	0	2	5
2824	0	4	0	0	0	4
2825	0	0	0	2	0	2
2826	0	4	0	0	0	4
2827	0	1	0	0	1	2
2828	0	0	0	2	0	2
2829	0	0	0	1	0	1
2830	0	0	0	2	0	2
2831	0	0	0	1	0	1
2832	0	1	0	0	0	1
2833	0	3	0	0	0	3
2834	4	2	0	0	0	6
2835	0	0	1	0	0	1
2836	1	0	0	2	0	3
2837	0	0	1	0	0	1
2838	0	1	0	0	2	3
2839	1	2	0	0	0	3
2840	0	0	0	1	1	2
2841	0	4	0	0	0	4
2842	0	0	1	0	0	1
2843	0	0	0	2	1	3
2844	0	0	0	2	1	3
2845	0	0	2	0	0	2
2846	0	0	1	0	0	1
2847	0	4	0	0	2	6
2848	0	2	0	0	2	4
2849	0	0	0	2	0	2
2850	0	0	2	0	0	2
2851	0	2	0	0	0	2
2852	0	0	0	2	0	2
2853	0	3	0	0	0	3
2854	3	0	0	2	0	5
2855	0	0	0	2	1	3
2856	0	2	0	0	0	2
2857	0	4	0	0	0	4
2858	1	4	0	0	1	6
2859	0	0	0	1	0	1
2860	0	4	0	0	0	4
2861	0	0	2	0	1	3
2862	1	0	0	1	2	4
2863	0	0	0	2	0	2
2864	0	0	1	0	0	1
2865	0	1	0	0	0	1
2866	3	0	0	2	1	6

2867	0	2	0	0	0	2
2868	0	0	2	0	1	3
2869	0	0	1	0	0	1
2870	0	0	0	2	1	3
2871	0	0	0	2	0	2
2872	2	0	0	2	0	4
2873	0	0	1	0	0	1
2874	0	0	2	0	0	2
2875	0	0	0	1	0	1
2876	1	0	0	1	0	2
2877	0	0	0	1	0	1
2878	3	0	0	1	0	4
2879	0	2	0	0	0	2
2880	0	4	0	0	0	4
2881	0	0	2	0	2	4
2882	0	0	0	2	1	3
2883	0	0	0	1	0	1
2884	0	3	0	0	0	3
2885	0	3	0	0	0	3
2886	0	0	0	1	0	1
2887	0	4	0	0	0	4
2888	0	1	0	0	1	2
2889	0	1	0	0	0	1
2890	0	0	3	0	0	3
2891	0	0	0	1	0	1
2892	2	0	3	0	1	6
2893	1	0	0	2	0	3
2894	3	0	1	0	1	5
2895	0	2	0	0	0	2
2896	0	2	0	0	2	4
2897	0	0	2	0	0	2
2898	0	4	0	0	0	4
2899	0	2	0	0	0	2
2900	0	2	0	0	0	2
2901	0	0	0	1	1	2
2902	0	0	1	0	0	1
2903	0	0	0	1	0	1
2904	1	3	0	0	1	5
2905	0	0	4	0	0	4
2906	2	0	2	0	0	4
2907	0	0	0	2	0	2
2908	1	1	0	0	0	2
2909	0	0	1	0	1	2
2910	0	0	2	0	0	2
2911	0	3	0	0	0	3
2912	0	4	0	0	2	6
2913	0	2	0	0	0	2

2914	0	0	0	1	0	1
2915	1	0	0	1	1	3
2916	0	2	0	0	0	2
2917	2	3	0	0	0	5
2918	0	3	0	0	2	5
2919	1	0	2	0	2	5
2920	0	0	0	2	0	2
2921	0	0	0	2	0	2
2922	0	0	2	0	0	2
2923	0	4	0	0	0	4
2924	0	2	0	0	0	2
2925	0	0	1	0	1	2
2926	0	3	0	0	2	5
2927	0	0	0	2	0	2
2928	0	4	0	0	2	6
2929	0	0	1	0	0	1
2930	0	0	0	2	0	2
2931	1	0	1	0	0	2
2932	0	2	0	0	2	4
2933	3	4	0	0	0	7
2934	0	1	0	0	0	1
2935	1	0	1	0	0	2
2936	0	4	0	0	0	4
2937	1	0	1	0	0	2
2938	2	0	2	0	1	5
2939	0	0	0	2	0	2
2940	1	0	2	0	0	3
2941	0	0	0	2	0	2
2942	0	3	0	0	0	3
2943	0	4	0	0	0	4
2944	0	0	0	2	0	2
2945	0	0	0	1	0	1
2946	0	3	0	0	0	3
2947	0	3	0	0	0	3
2948	0	3	0	0	2	5
2949	0	0	0	2	0	2
2950	0	0	2	0	0	2
2951	0	0	1	0	1	2
2952	1	0	0	2	2	5
2953	0	3	0	0	2	5
2954	1	0	2	0	0	3
2955	0	0	0	2	0	2
2956	0	0	4	0	0	4
2957	0	4	0	0	0	4
2958	0	0	0	2	0	2
2959	1	3	0	0	1	5
2960	0	0	1	0	0	1

2961	0	0	0	2	2	4
2962	0	0	1	0	0	1
2963	0	0	0	2	1	3
2964	0	0	0	2	0	2
2965	0	0	0	2	0	2
2966	1	0	1	0	0	2
2967	0	0	0	1	0	1
2968	0	0	2	0	1	3
2969	0	0	1	0	0	1
2970	0	0	0	2	0	2
2971	0	1	0	0	0	1
2972	0	2	0	0	0	2
2973	0	2	0	0	0	2
2974	0	0	2	0	2	4
2975	0	1	0	0	0	1
2976	4	0	1	0	0	5
2977	0	0	2	0	0	2
2978	1	3	0	0	0	4
2979	0	3	0	0	0	3
2980	1	0	1	0	1	3
2981	1	0	1	0	0	2
2982	1	0	3	0	0	4
2983	0	1	0	0	0	1
2984	0	0	1	0	0	1
2985	0	2	0	0	0	2
2986	0	4	0	0	1	5
2987	0	0	1	0	1	2
2988	1	0	2	0	0	3
2989	2	0	0	2	0	4
2990	0	0	0	2	0	2
2991	0	0	0	2	0	2
2992	0	0	1	0	0	1
2993	0	0	2	0	0	2
2994	0	0	1	0	2	3
2995	0	1	0	0	0	1
2996	0	2	0	0	2	4
2997	1	0	4	0	0	5
2998	0	0	0	1	0	1
2999	0	3	0	0	0	3
3000	0	0	0	1	2	3
3001	0	0	2	0	2	4
3002	0	0	2	0	0	2
3003	1	0	0	2	0	3
3004	0	0	0	2	0	2
3005	0	0	4	0	0	4
3006	0	0	1	0	0	1
3007	0	0	0	2	0	2

3008	0	4	0	0	0	4
3009	0	2	0	0	0	2
3010	0	0	1	0	0	1
3011	0	0	1	0	1	2
3012	0	0	3	0	0	3
3013	0	0	0	2	0	2
3014	0	4	0	0	0	4
3015	0	0	4	0	0	4
3016	1	0	2	0	0	3
3017	2	1	0	0	1	4
3018	1	2	0	0	0	3
3019	0	1	0	0	0	1
3020	0	0	0	1	0	1
3021	0	0	0	2	0	2
3022	1	1	0	0	0	2
3023	0	1	0	0	0	1
3024	0	0	2	0	0	2
3025	0	1	0	0	0	1
3026	1	3	0	0	0	4
3027	0	4	0	0	1	5
3028	0	0	0	1	0	1
3029	1	0	4	0	0	5
3030	0	0	0	1	0	1
3031	0	0	1	0	0	1
3032	3	0	0	1	0	4
3033	1	4	0	0	0	5
3034	0	3	0	0	0	3
3035	0	1	0	0	0	1
3036	2	0	0	2	0	4
3037	2	4	0	0	0	6
3038	0	4	0	0	0	4
3039	0	0	1	0	1	2
3040	0	0	0	2	0	2
3041	2	2	0	0	1	5
3042	0	0	0	2	1	3
3043	1	4	0	0	1	6
3044	0	0	2	0	0	2
3045	0	0	1	0	2	3
3046	0	0	2	0	0	2
3047	0	1	0	0	0	1
3048	0	0	0	1	0	1
3049	1	0	0	1	1	3
3050	0	0	2	0	2	4
3051	0	4	0	0	2	6
3052	0	2	0	0	0	2
3053	0	0	1	0	0	1
3054	0	2	0	0	0	2

3055	0	0	0	1	0	1
3056	0	0	0	2	0	2
3057	0	1	0	0	1	2
3058	0	0	0	1	0	1
3059	0	0	2	0	0	2
3060	0	3	0	0	0	3
3061	0	3	0	0	0	3
3062	0	0	1	0	0	1
3063	2	3	0	0	2	7
3064	2	0	0	2	0	4
3065	0	1	0	0	0	1
3066	1	0	0	1	1	3
3067	1	2	0	0	2	5
3068	0	4	0	0	0	4
3069	0	3	0	0	0	3
3070	0	0	2	0	0	2
3071	0	0	0	2	2	4
3072	0	0	0	1	2	3
3073	0	3	0	0	2	5
3074	0	0	3	0	0	3
3075	0	2	0	0	0	2
3076	0	0	1	0	0	1
3077	0	0	2	0	0	2
3078	0	0	4	0	0	4
3079	0	0	2	0	0	2
3080	1	0	0	2	0	3
3081	0	0	1	0	0	1
3082	0	0	1	0	0	1
3083	2	2	0	0	0	4
3084	0	3	0	0	0	3
3085	0	0	1	0	0	1
3086	1	0	0	2	0	3
3087	2	0	2	0	0	4
3088	1	0	1	0	0	2
3089	1	4	0	0	0	5
3090	0	3	0	0	0	3
3091	0	0	2	0	0	2
3092	0	0	0	1	0	1
3093	0	0	0	1	1	2
3094	0	2	0	0	1	3
3095	2	1	0	0	2	5
3096	4	2	0	0	0	6
3097	0	4	0	0	2	6
3098	0	1	0	0	0	1
3099	0	0	0	2	0	2
3100	0	0	1	0	0	1
3101	0	2	0	0	0	2

3102	0	0	1	0	0	1
3103	3	4	0	0	1	8
3104	0	4	0	0	0	4
3105	0	2	0	0	0	2
3106	0	0	1	0	0	1
3107	0	0	0	1	0	1
3108	1	0	0	2	1	4
3109	0	2	0	0	2	4
3110	0	0	0	2	0	2
3111	0	0	1	0	0	1
3112	0	0	0	2	0	2
3113	0	0	0	2	1	3
3114	1	2	0	0	0	3
3115	0	4	0	0	0	4
3116	0	0	0	2	0	2
3117	1	0	1	0	0	2
3118	2	4	0	0	0	6
3119	0	1	0	0	0	1
3120	0	0	0	2	2	4
3121	2	0	0	2	1	5
3122	1	4	0	0	1	6
3123	0	4	0	0	1	5
3124	0	2	0	0	0	2
3125	2	0	2	0	0	4
3126	1	1	0	0	1	3
3127	0	3	0	0	0	3
3128	0	0	1	0	1	2
3129	0	4	0	0	0	4
3130	0	0	2	0	1	3
3131	1	4	0	0	1	6
3132	0	0	3	0	0	3
3133	1	0	2	0	0	3
3134	0	0	0	2	0	2
3135	0	3	0	0	0	3
3136	1	2	0	0	0	3
3137	1	1	0	0	0	2
3138	0	2	0	0	0	2
3139	0	0	1	0	0	1
3140	0	0	0	2	0	2
3141	1	2	0	0	0	3
3142	2	0	0	2	2	6
3143	0	0	1	0	0	1
3144	0	4	0	0	2	6
3145	0	0	1	0	0	1
3146	1	3	0	0	2	6
3147	1	0	0	2	0	3
3148	2	0	0	2	0	4

3149	2	3	0	0	0	5
3150	0	4	0	0	1	5
3151	0	0	1	0	0	1
3152	0	1	0	0	2	3
3153	0	0	1	0	0	1
3154	0	0	1	0	0	1
3155	0	0	1	0	0	1
3156	0	2	0	0	2	4
3157	4	0	2	0	0	6
3158	0	0	0	2	1	3
3159	0	0	0	1	0	1
3160	0	4	0	0	1	5
3161	0	0	3	0	0	3
3162	1	0	0	2	0	3
3163	0	0	2	0	0	2
3164	0	0	0	2	0	2
3165	0	0	3	0	0	3
3166	0	0	0	2	0	2
3167	0	0	0	2	2	4
3168	0	4	0	0	0	4
3169	1	0	1	0	1	3
3170	0	0	0	2	0	2
3171	0	0	0	2	0	2
3172	1	2	0	0	0	3
3173	2	4	0	0	0	6
3174	1	0	4	0	0	5
3175	0	0	2	0	0	2
3176	1	4	0	0	1	6
3177	0	0	0	2	0	2
3178	0	3	0	0	0	3
3179	1	0	1	0	0	2
3180	0	1	0	0	1	2
3181	0	0	2	0	0	2
3182	0	4	0	0	0	4
3183	0	4	0	0	0	4
3184	0	0	2	0	0	2
3185	2	0	1	0	0	3
3186	1	0	2	0	2	5
3187	0	0	2	0	0	2
3188	0	0	1	0	2	3
3189	1	4	0	0	0	5
3190	1	0	0	2	1	4
3191	0	0	2	0	1	3
3192	0	0	0	2	0	2
3193	0	0	0	2	0	2
3194	0	0	1	0	0	1
3195	0	0	0	2	0	2

3196	0	4	0	0	2	6
3197	1	4	0	0	0	5
3198	0	0	1	0	0	1
3199	0	3	0	0	0	3
3200	0	0	0	1	0	1
3201	0	0	2	0	1	3
3202	1	2	0	0	0	3
3203	0	3	0	0	0	3
3204	1	0	0	2	0	3
3205	1	2	0	0	2	5
3206	0	0	4	0	2	6
3207	2	0	0	1	0	3
3208	0	0	2	0	0	2
3209	1	0	2	0	0	3
3210	0	0	1	0	0	1
3211	0	3	0	0	0	3
3212	0	0	1	0	0	1
3213	0	2	0	0	0	2
3214	0	0	0	2	0	2
3215	0	0	0	1	0	1
3216	0	0	2	0	0	2
3217	0	2	0	0	0	2
3218	0	0	0	2	0	2
3219	0	0	0	2	0	2
3220	1	0	0	1	0	2
3221	0	2	0	0	0	2
3222	0	4	0	0	0	4
3223	3	0	0	1	0	4
3224	0	3	0	0	0	3
3225	2	0	2	0	0	4
3226	1	0	1	0	2	4
3227	1	0	0	2	0	3
3228	1	0	0	1	0	2
3229	0	0	2	0	2	4
3230	0	0	0	2	0	2
3231	1	2	0	0	2	5
3232	0	0	2	0	1	3
3233	0	0	0	2	0	2
3234	0	4	0	0	0	4
3235	0	0	1	0	1	2
3236	0	0	0	2	0	2
3237	0	0	0	1	0	1
3238	0	4	0	0	2	6
3239	0	0	0	2	0	2
3240	0	0	0	1	0	1
3241	0	0	0	1	0	1
3242	0	0	2	0	0	2

3243	1	0	2	0	0	3
3244	0	0	1	0	0	1
3245	0	0	4	0	0	4
3246	0	0	2	0	0	2
3247	0	2	0	0	0	2
3248	1	2	0	0	2	5
3249	0	4	0	0	0	4
3250	1	0	0	1	1	3
3251	1	1	0	0	1	3
3252	0	3	0	0	2	5
3253	0	0	1	0	0	1
3254	0	0	2	0	0	2
3255	0	0	2	0	1	3
3256	0	0	2	0	0	2
3257	0	1	0	0	0	1
3258	0	0	1	0	0	1
3259	0	2	0	0	0	2
3260	0	1	0	0	2	3
3261	0	4	0	0	0	4
3262	1	0	3	0	0	4
3263	0	0	2	0	0	2
3264	0	2	0	0	0	2
3265	0	2	0	0	0	2
3266	1	0	3	0	0	4
3267	0	0	2	0	0	2
3268	0	3	0	0	0	3
3269	0	1	0	0	1	2
3270	3	1	0	0	0	4
3271	2	1	0	0	0	3
3272	2	0	0	2	0	4
3273	0	0	2	0	0	2
3274	0	3	0	0	0	3
3275	0	0	0	2	0	2
3276	0	0	1	0	0	1
3277	0	0	1	0	0	1
3278	0	1	0	0	0	1
3279	0	1	0	0	0	1
3280	0	0	1	0	0	1
3281	0	0	1	0	0	1
3282	1	0	1	0	0	2
3283	3	1	0	0	1	5
3284	0	0	2	0	0	2
3285	1	0	0	2	0	3
3286	0	0	1	0	2	3
3287	0	0	2	0	2	4
3288	1	0	2	0	0	3
3289	0	2	0	0	0	2

3290	0	0	0	2	0	2
3291	0	3	0	0	0	3
3292	1	2	0	0	1	4
3293	0	0	0	2	0	2
3294	0	4	0	0	0	4
3295	0	2	0	0	0	2
3296	0	1	0	0	0	1
3297	0	0	4	0	0	4
3298	0	4	0	0	0	4
3299	0	3	0	0	0	3
3300	0	2	0	0	0	2
3301	0	1	0	0	0	1
3302	2	0	1	0	0	3
3303	0	0	0	1	0	1
3304	0	2	0	0	0	2
3305	0	0	0	2	0	2
3306	0	0	0	1	0	1
3307	0	0	0	2	0	2
3308	0	0	0	1	0	1
3309	0	1	0	0	0	1
3310	0	4	0	0	0	4
3311	0	0	1	0	0	1
3312	0	1	0	0	1	2
3313	0	0	2	0	1	3
3314	0	0	1	0	0	1
3315	1	4	0	0	0	5
3316	0	1	0	0	2	3
3317	0	0	0	2	0	2
3318	2	1	0	0	0	3
3319	1	0	0	2	2	5
3320	2	0	1	0	0	3
3321	0	1	0	0	1	2
3322	0	0	2	0	0	2
3323	1	4	0	0	0	5
3324	0	0	1	0	1	2
3325	0	2	0	0	0	2
3326	0	0	2	0	2	4
3327	0	1	0	0	0	1
3328	0	0	0	1	0	1
3329	0	1	0	0	0	1
3330	0	4	0	0	0	4
3331	1	3	0	0	0	4
3332	0	0	0	1	0	1
3333	0	3	0	0	0	3
3334	1	0	0	1	1	3
3335	1	0	4	0	1	6
3336	0	0	1	0	0	1

3337	0	0	0	2	0	2
3338	1	0	0	2	0	3
3339	0	0	0	1	0	1
3340	0	0	1	0	0	1
3341	1	0	1	0	2	4
3342	3	0	0	2	1	6
3343	0	4	0	0	0	4
3344	0	3	0	0	1	4
3345	0	0	2	0	0	2
3346	0	2	0	0	0	2
3347	0	3	0	0	2	5
3348	0	0	0	2	2	4
3349	1	0	2	0	1	4
3350	0	2	0	0	0	2
3351	0	3	0	0	0	3
3352	0	0	1	0	0	1
3353	0	0	2	0	0	2
3354	0	3	0	0	0	3
3355	0	0	0	1	0	1
3356	0	0	0	2	0	2
3357	0	0	2	0	0	2
3358	1	0	0	1	0	2
3359	0	1	0	0	0	1
3360	0	0	0	2	0	2
3361	0	0	0	1	0	1
3362	1	0	0	2	0	3
3363	0	0	0	1	0	1
3364	0	0	1	0	0	1
3365	0	3	0	0	0	3
3366	0	0	1	0	0	1
3367	0	1	0	0	0	1
3368	1	0	1	0	0	2
3369	0	0	0	1	0	1
3370	0	3	0	0	2	5
3371	0	0	0	2	0	2
3372	0	0	0	2	0	2
3373	1	4	0	0	0	5
3374	2	0	0	2	0	4
3375	0	0	2	0	0	2
3376	1	0	1	0	1	3
3377	0	4	0	0	0	4
3378	0	0	0	2	0	2
3379	0	2	0	0	0	2
3380	0	4	0	0	0	4
3381	2	0	0	1	0	3
3382	0	0	1	0	0	1
3383	0	1	0	0	0	1

3384	0	0	0	1	0	1
3385	3	0	1	0	0	4
3386	1	3	0	0	0	4
3387	0	0	1	0	0	1
3388	0	0	0	2	0	2
3389	0	0	0	2	0	2
3390	2	0	1	0	0	3
3391	0	0	2	0	0	2
3392	2	0	1	0	1	4
3393	2	0	0	1	0	3
3394	0	0	0	2	1	3
3395	1	0	0	2	0	3
3396	0	0	2	0	0	2
3397	0	0	0	2	1	3
3398	0	3	0	0	0	3
3399	0	1	0	0	0	1
3400	0	0	1	0	0	1
3401	0	1	0	0	0	1
3402	0	3	0	0	0	3
3403	0	3	0	0	0	3
3404	0	3	0	0	0	3
3405	2	2	0	0	2	6
3406	0	2	0	0	0	2
3407	0	0	2	0	0	2
3408	0	0	0	2	0	2
3409	0	0	2	0	0	2
3410	0	0	0	2	0	2
3411	0	0	0	2	0	2
3412	0	1	0	0	0	1
3413	0	0	0	1	0	1
3414	2	2	0	0	0	4
3415	0	0	2	0	0	2
3416	1	0	2	0	0	3
3417	0	1	0	0	0	1
3418	0	0	1	0	0	1
3419	0	0	0	1	0	1
3420	1	0	1	0	0	2
3421	0	0	4	0	0	4
3422	0	0	0	2	0	2
3423	0	0	2	0	0	2
3424	1	0	0	1	2	4
3425	0	3	0	0	0	3
3426	1	0	0	2	0	3
3427	0	0	0	2	0	2
3428	1	0	2	0	0	3
3429	0	0	1	0	0	1
3430	1	3	0	0	0	4

3431	0	4	0	0	0	4
3432	0	4	0	0	0	4
3433	0	0	2	0	2	4
3434	0	4	0	0	0	4
3435	1	0	0	1	1	3
3436	0	3	0	0	1	4
3437	0	0	0	1	1	2
3438	0	3	0	0	0	3
3439	0	1	0	0	0	1
3440	0	0	1	0	0	1
3441	0	0	0	1	0	1
3442	0	0	0	2	0	2
3443	0	4	0	0	0	4
3444	1	0	2	0	0	3
3445	0	0	0	2	0	2
3446	0	0	2	0	1	3
3447	0	1	0	0	0	1
3448	0	0	1	0	0	1
3449	0	0	2	0	0	2
3450	0	3	0	0	0	3
3451	0	1	0	0	2	3
3452	0	3	0	0	0	3
3453	0	0	0	1	0	1
3454	0	0	0	1	0	1
3455	0	0	2	0	0	2
3456	0	0	1	0	1	2
3457	0	3	0	0	0	3
3458	0	0	0	1	0	1
3459	0	1	0	0	0	1
3460	0	2	0	0	2	4
3461	0	3	0	0	0	3
3462	1	3	0	0	0	4
3463	1	0	2	0	0	3
3464	0	0	0	1	0	1
3465	1	4	0	0	0	5
3466	0	0	0	1	0	1
3467	2	2	0	0	0	4
3468	1	0	2	0	0	3
3469	0	0	2	0	0	2
3470	0	2	0	0	0	2
3471	0	0	0	2	0	2
3472	0	0	0	2	0	2
3473	3	0	0	2	2	7
3474	0	3	0	0	0	3
3475	0	0	0	2	0	2
3476	0	0	2	0	0	2
3477	2	0	0	2	0	4

3478	0	0	2	0	0	2
3479	0	2	0	0	1	3
3480	0	0	0	2	0	2
3481	0	0	0	2	2	4
3482	0	1	0	0	1	2
3483	0	0	0	2	0	2
3484	0	2	0	0	1	3
3485	0	3	0	0	0	3
3486	0	0	0	2	0	2
3487	0	4	0	0	0	4
3488	3	4	0	0	1	8
3489	0	0	2	0	0	2
3490	0	0	0	2	0	2
3491	0	4	0	0	1	5
3492	1	0	2	0	0	3
3493	0	2	0	0	0	2
3494	0	2	0	0	0	2
3495	0	0	0	1	1	2
3496	1	0	2	0	0	3
3497	1	4	0	0	0	5
3498	0	0	0	2	0	2
3499	0	0	2	0	0	2
3500	0	0	0	1	0	1
3501	0	0	0	1	0	1
3502	0	0	1	0	2	3
3503	0	0	0	2	0	2
3504	0	3	0	0	0	3
3505	0	4	0	0	0	4
3506	0	0	2	0	1	3
3507	1	4	0	0	0	5
3508	0	0	0	2	2	4
3509	0	0	1	0	0	1
3510	0	0	0	2	0	2
3511	0	3	0	0	2	5
3512	0	0	0	2	2	4
3513	0	1	0	0	0	1
3514	0	0	4	0	0	4
3515	0	0	0	1	1	2
3516	3	4	0	0	0	7
3517	0	1	0	0	0	1
3518	3	1	0	0	1	5
3519	0	0	0	2	0	2
3520	0	0	0	1	0	1
3521	1	4	0	0	2	7
3522	0	0	0	1	0	1
3523	2	0	0	2	0	4
3524	0	0	1	0	0	1

3525	0	0	2	0	0	2
3526	0	4	0	0	0	4
3527	0	0	1	0	0	1
3528	1	1	0	0	0	2
3529	0	1	0	0	0	1
3530	1	0	0	2	0	3
3531	0	2	0	0	0	2
3532	0	4	0	0	0	4
3533	0	0	0	2	0	2
3534	2	0	1	0	0	3
3535	0	0	0	2	0	2
3536	0	3	0	0	2	5
3537	1	0	1	0	0	2
3538	1	3	0	0	0	4
3539	0	0	0	1	1	2
3540	0	0	2	0	0	2
3541	0	0	1	0	0	1
3542	0	0	0	1	0	1
3543	2	0	0	1	0	3
3544	3	2	0	0	0	5
3545	0	0	1	0	1	2
3546	0	0	1	0	0	1
3547	2	3	0	0	2	7
3548	0	0	0	1	0	1
3549	0	3	0	0	0	3
3550	1	0	0	2	0	3
3551	0	0	0	1	0	1
3552	1	3	0	0	2	6
3553	1	0	1	0	0	2
3554	0	1	0	0	0	1
3555	2	0	0	1	0	3
3556	0	0	0	2	0	2
3557	0	0	0	2	0	2
3558	0	1	0	0	2	3
3559	0	1	0	0	0	1
3560	0	0	0	2	2	4
3561	0	0	1	0	0	1
3562	0	0	0	1	0	1
3563	0	4	0	0	0	4
3564	0	4	0	0	0	4
3565	0	3	0	0	0	3
3566	2	0	0	2	0	4
3567	0	0	2	0	0	2
3568	0	2	0	0	0	2
3569	1	0	1	0	2	4
3570	0	3	0	0	0	3
3571	0	0	2	0	0	2

3572	0	0	0	1	0	1
3573	1	2	0	0	0	3
3574	0	1	0	0	0	1
3575	0	1	0	0	0	1
3576	1	2	0	0	0	3
3577	0	0	0	1	0	1
3578	1	4	0	0	0	5
3579	2	0	0	2	1	5
3580	0	0	0	2	0	2
3581	0	0	0	1	0	1
3582	0	4	0	0	0	4
3583	0	0	1	0	0	1
3584	2	0	0	2	0	4
3585	1	0	0	1	0	2
3586	0	4	0	0	0	4
3587	0	0	0	2	0	2
3588	0	0	0	1	0	1
3589	0	0	1	0	0	1
3590	0	0	0	2	0	2
3591	0	0	1	0	0	1
3592	0	4	0	0	1	5
3593	0	1	0	0	0	1
3594	0	2	0	0	0	2
3595	0	3	0	0	0	3
3596	0	0	2	0	0	2
3597	1	0	2	0	0	3
3598	0	2	0	0	0	2
3599	0	3	0	0	0	3
3600	0	4	0	0	0	4
3601	0	2	0	0	0	2
3602	0	0	0	1	0	1
3603	2	0	0	2	0	4
3604	0	0	0	2	0	2
3605	1	0	1	0	0	2
3606	1	0	2	0	0	3
3607	0	0	2	0	0	2
3608	0	0	3	0	0	3
3609	0	1	0	0	0	1
3610	0	0	1	0	0	1
3611	0	3	0	0	2	5
3612	0	3	0	0	0	3
3613	0	0	0	2	0	2
3614	1	0	2	0	0	3
3615	0	4	0	0	0	4
3616	0	1	0	0	0	1
3617	0	2	0	0	0	2
3618	0	0	1	0	0	1

3619	0	1	0	0	0	1
3620	0	0	1	0	0	1
3621	0	4	0	0	0	4
3622	2	0	0	1	0	3
3623	0	0	0	2	0	2
3624	0	3	0	0	0	3
3625	0	0	2	0	0	2
3626	0	0	1	0	0	1
3627	0	0	1	0	2	3
3628	0	4	0	0	0	4
3629	0	0	4	0	1	5
3630	0	0	1	0	1	2
3631	0	2	0	0	0	2
3632	0	0	0	2	0	2
3633	0	0	0	2	0	2
3634	3	0	1	0	0	4
3635	0	0	0	2	0	2
3636	2	0	0	2	0	4
3637	0	2	0	0	0	2
3638	0	0	1	0	2	3
3639	1	0	0	1	0	2
3640	0	0	1	0	0	1
3641	0	1	0	0	0	1
3642	0	0	2	0	0	2
3643	1	3	0	0	0	4
3644	0	0	1	0	0	1
3645	0	0	2	0	0	2
3646	3	0	3	0	0	6
3647	0	0	0	2	0	2
3648	0	2	0	0	0	2
3649	0	0	0	2	0	2
3650	0	1	0	0	0	1
3651	0	0	2	0	0	2
3652	0	0	0	2	0	2
3653	0	1	0	0	0	1
3654	0	0	0	2	0	2
3655	1	4	0	0	0	5
3656	0	3	0	0	0	3
3657	0	1	0	0	1	2
3658	0	3	0	0	0	3
3659	0	0	0	2	0	2
3660	1	0	2	0	0	3
3661	0	0	0	2	0	2
3662	0	0	0	2	0	2
3663	0	1	0	0	2	3
3664	0	4	0	0	0	4
3665	2	2	0	0	0	4

3666	0	0	2	0	0	2
3667	0	1	0	0	0	1
3668	0	0	0	2	0	2
3669	0	0	2	0	0	2
3670	0	1	0	0	0	1
3671	1	0	0	2	0	3
3672	0	0	0	2	0	2
3673	0	0	0	1	2	3
3674	0	0	0	2	0	2
3675	1	0	2	0	0	3
3676	0	0	0	2	0	2
3677	0	0	0	2	0	2
3678	0	1	0	0	2	3
3679	0	0	1	0	0	1
3680	0	0	0	2	0	2
3681	1	0	2	0	0	3
3682	0	0	0	1	0	1
3683	1	0	0	2	0	3
3684	0	4	0	0	0	4
3685	0	1	0	0	0	1
3686	3	0	0	1	2	6
3687	0	2	0	0	1	3
3688	0	2	0	0	0	2
3689	0	4	0	0	0	4
3690	0	1	0	0	1	2
3691	0	3	0	0	1	4
3692	1	1	0	0	2	4
3693	0	0	0	1	0	1
3694	0	0	0	2	0	2
3695	0	2	0	0	0	2
3696	2	1	0	0	1	4
3697	0	4	0	0	0	4
3698	0	0	2	0	0	2
3699	0	0	0	2	0	2
3700	2	4	0	0	0	6
3701	0	3	0	0	0	3
3702	2	0	1	0	0	3
3703	2	0	0	1	2	5
3704	0	1	0	0	0	1
3705	1	1	0	0	0	2
3706	1	0	0	2	0	3
3707	0	4	0	0	0	4
3708	2	0	0	2	0	4
3709	0	0	0	2	0	2
3710	0	0	1	0	0	1
3711	0	0	3	0	0	3
3712	0	3	0	0	0	3

3713	0	0	1	0	0	1
3714	0	4	0	0	0	4
3715	0	0	0	2	1	3
3716	0	4	0	0	0	4
3717	0	2	0	0	0	2
3718	0	4	0	0	0	4
3719	0	0	1	0	0	1
3720	0	0	0	2	0	2
3721	0	0	2	0	0	2
3722	1	1	0	0	0	2
3723	0	1	0	0	1	2
3724	0	1	0	0	2	3
3725	0	0	1	0	0	1
3726	0	1	0	0	0	1
3727	1	3	0	0	0	4
3728	0	0	3	0	0	3
3729	0	0	0	2	0	2
3730	0	0	1	0	0	1
3731	0	0	0	1	0	1
3732	2	0	0	1	0	3
3733	0	0	2	0	2	4
3734	1	0	4	0	0	5
3735	0	1	0	0	0	1
3736	0	0	3	0	0	3
3737	0	0	0	2	0	2
3738	0	0	0	2	0	2
3739	2	1	0	0	0	3
3740	0	0	0	2	0	2
3741	0	4	0	0	1	5
3742	2	0	0	2	0	4
3743	0	0	0	2	1	3
3744	0	0	4	0	0	4
3745	0	2	0	0	0	2
3746	1	0	0	2	0	3
3747	0	1	0	0	0	1
3748	1	1	0	0	2	4
3749	0	0	0	2	1	3
3750	0	0	2	0	0	2
3751	0	0	0	1	2	3
3752	0	0	0	2	0	2
3753	0	0	0	1	0	1
3754	0	0	1	0	0	1
3755	0	0	2	0	0	2
3756	0	4	0	0	0	4
3757	1	2	0	0	0	3
3758	1	2	0	0	1	4
3759	0	1	0	0	0	1

3760	2	3	0	0	1	6
3761	0	0	2	0	0	2
3762	0	0	0	2	0	2
3763	0	3	0	0	0	3
3764	0	1	0	0	0	1
3765	0	0	2	0	0	2
3766	0	0	1	0	0	1
3767	0	0	0	2	2	4
3768	0	1	0	0	1	2
3769	0	1	0	0	0	1
3770	0	1	0	0	0	1
3771	0	0	0	2	0	2
3772	3	2	0	0	1	6
3773	0	0	0	2	0	2
3774	0	0	0	2	0	2
3775	0	0	0	2	0	2
3776	0	3	0	0	0	3
3777	1	3	0	0	0	4
3778	0	0	1	0	0	1
3779	1	0	0	1	0	2
3780	0	0	0	1	0	1
3781	1	0	0	2	0	3
3782	1	3	0	0	0	4
3783	0	4	0	0	0	4
3784	3	0	0	2	0	5
3785	0	0	3	0	0	3
3786	0	0	1	0	0	1
3787	2	3	0	0	0	5
3788	2	0	2	0	0	4
3789	0	0	0	1	1	2
3790	2	0	0	1	0	3
3791	3	0	0	1	0	4
3792	1	0	0	1	0	2
3793	0	0	0	2	0	2
3794	0	0	0	2	2	4
3795	0	0	0	2	0	2
3796	0	0	0	2	0	2
3797	0	0	1	0	0	1
3798	0	0	0	2	0	2
3799	1	0	1	0	0	2
3800	2	2	0	0	2	6
3801	0	0	0	2	1	3
3802	1	0	1	0	0	2
3803	1	0	0	2	0	3
3804	2	0	2	0	0	4
3805	0	0	0	2	2	4
3806	2	0	0	2	2	6

3807	0	1	0	0	2	3
3808	0	0	2	0	0	2
3809	0	4	0	0	0	4
3810	0	2	0	0	0	2
3811	0	0	0	2	1	3
3812	1	3	0	0	2	6
3813	0	0	0	1	0	1
3814	0	4	0	0	0	4
3815	0	4	0	0	0	4
3816	1	2	0	0	1	4
3817	1	0	0	2	0	3
3818	0	1	0	0	0	1
3819	0	0	1	0	0	1
3820	0	2	0	0	0	2
3821	0	2	0	0	0	2
3822	2	0	0	2	0	4
3823	0	4	0	0	0	4
3824	0	3	0	0	0	3
3825	4	0	0	1	0	5
3826	0	0	2	0	0	2
3827	0	0	2	0	0	2
3828	0	0	1	0	0	1
3829	0	3	0	0	2	5
3830	1	4	0	0	0	5
3831	2	3	0	0	0	5
3832	1	2	0	0	0	3
3833	0	0	0	2	0	2
3834	1	0	1	0	0	2
3835	0	4	0	0	1	5
3836	1	0	0	2	0	3
3837	0	2	0	0	0	2
3838	1	0	0	1	0	2
3839	0	0	2	0	1	3
3840	1	3	0	0	0	4
3841	0	0	2	0	1	3
3842	0	2	0	0	0	2
3843	0	0	1	0	0	1
3844	0	0	0	2	0	2
3845	0	0	0	2	0	2
3846	0	2	0	0	0	2
3847	0	1	0	0	0	1
3848	0	0	0	2	1	3
3849	0	4	0	0	0	4
3850	0	1	0	0	0	1
3851	0	2	0	0	2	4
3852	3	0	0	1	0	4
3853	0	0	2	0	2	4

3854	0	2	0	0	0	2
3855	0	0	2	0	2	4
3856	0	3	0	0	0	3
3857	1	2	0	0	0	3
3858	3	0	3	0	0	6
3859	0	1	0	0	0	1
3860	0	2	0	0	0	2
3861	0	2	0	0	0	2
3862	0	1	0	0	0	1
3863	0	0	1	0	0	1
3864	0	3	0	0	0	3
3865	0	0	2	0	0	2
3866	0	4	0	0	0	4
3867	0	1	0	0	0	1
3868	1	3	0	0	0	4
3869	0	0	1	0	0	1
3870	1	0	0	1	1	3
3871	0	0	1	0	0	1
3872	3	1	0	0	0	4
3873	0	0	1	0	2	3
3874	0	0	0	2	2	4
3875	0	0	0	2	0	2
3876	0	0	0	2	0	2
3877	2	0	0	1	0	3
3878	0	2	0	0	0	2
3879	0	0	2	0	0	2
3880	0	0	4	0	0	4
3881	1	3	0	0	0	4
3882	0	0	2	0	1	3
3883	0	0	0	2	0	2
3884	0	1	0	0	0	1
3885	0	0	0	1	0	1
3886	1	0	0	1	2	4
3887	0	0	2	0	0	2
3888	0	0	1	0	0	1
3889	1	0	1	0	0	2
3890	0	0	0	2	0	2
3891	0	2	0	0	0	2
3892	0	0	0	2	0	2
3893	4	2	0	0	0	6
3894	0	0	0	2	1	3
3895	0	0	0	1	0	1
3896	0	2	0	0	0	2
3897	0	2	0	0	0	2
3898	0	3	0	0	0	3
3899	1	2	0	0	0	3
3900	0	2	0	0	0	2

3901	0	4	0	0	2	6
3902	1	2	0	0	1	4
3903	0	2	0	0	1	3
3904	2	0	2	0	1	5
3905	1	2	0	0	0	3
3906	0	1	0	0	0	1
3907	0	0	2	0	0	2
3908	0	1	0	0	0	1
3909	0	4	0	0	0	4
3910	0	0	0	2	0	2
3911	1	0	0	1	0	2
3912	0	0	0	2	1	3
3913	1	0	1	0	0	2
3914	0	0	2	0	0	2
3915	1	0	1	0	0	2
3916	0	0	2	0	1	3
3917	0	2	0	0	0	2
3918	0	0	0	2	0	2
3919	2	0	0	2	0	4
3920	0	3	0	0	0	3
3921	0	4	0	0	0	4
3922	0	0	0	1	2	3
3923	4	0	1	0	0	5
3924	4	0	1	0	2	7
3925	2	1	0	0	2	5
3926	0	0	1	0	0	1
3927	0	0	0	2	1	3
3928	3	0	0	2	2	7
3929	0	0	0	2	0	2
3930	0	0	0	2	0	2
3931	0	0	1	0	2	3
3932	2	0	0	1	0	3
3933	0	3	0	0	0	3
3934	0	3	0	0	0	3
3935	0	0	0	2	1	3
3936	0	1	0	0	2	3
3937	1	4	0	0	0	5
3938	0	0	1	0	0	1
3939	0	0	0	1	0	1
3940	0	0	0	2	0	2
3941	1	2	0	0	0	3
3942	1	0	2	0	0	3
3943	0	4	0	0	0	4
3944	0	0	2	0	2	4
3945	0	4	0	0	1	5
3946	2	2	0	0	0	4
3947	0	0	0	1	0	1

3948	0	0	3	0	0	3
3949	0	3	0	0	0	3
3950	2	4	0	0	1	7
3951	0	0	0	1	0	1
3952	0	0	2	0	1	3
3953	1	3	0	0	0	4
3954	0	4	0	0	0	4
3955	0	3	0	0	0	3
3956	0	0	0	2	0	2
3957	0	0	0	2	1	3
3958	0	1	0	0	1	2
3959	0	0	2	0	0	2
3960	0	4	0	0	1	5
3961	0	0	1	0	0	1
3962	0	0	0	2	0	2
3963	0	2	0	0	0	2
3964	1	0	0	2	0	3
3965	0	0	0	2	0	2
3966	0	3	0	0	0	3
3967	0	0	0	1	0	1
3968	1	2	0	0	0	3
3969	0	0	4	0	0	4
3970	0	0	0	1	2	3
3971	0	0	0	2	2	4
3972	0	0	2	0	1	3
3973	0	0	2	0	0	2
3974	1	0	2	0	0	3
3975	0	3	0	0	0	3
3976	0	0	1	0	2	3
3977	0	0	1	0	0	1
3978	0	2	0	0	0	2
3979	2	3	0	0	0	5
3980	0	1	0	0	2	3
3981	0	0	2	0	2	4
3982	0	0	2	0	0	2
3983	0	0	1	0	1	2
3984	0	4	0	0	0	4
3985	0	0	1	0	1	2
3986	2	0	1	0	0	3
3987	1	3	0	0	0	4
3988	0	0	1	0	0	1
3989	0	0	1	0	0	1
3990	0	4	0	0	0	4
3991	0	0	2	0	0	2
3992	2	0	4	0	0	6
3993	0	0	2	0	0	2
3994	0	0	1	0	0	1

3995	1	0	1	0	0	2
3996	0	3	0	0	0	3
3997	0	0	0	2	0	2
3998	0	0	0	2	2	4
3999	0	0	0	2	2	4
4000	3	4	0	0	0	7
4001	0	3	0	0	0	3
4002	1	4	0	0	0	5
4003	0	0	0	1	0	1
4004	0	4	0	0	0	4
4005	0	0	1	0	0	1
4006	0	2	0	0	2	4
4007	0	0	0	2	0	2
4008	0	0	4	0	0	4
4009	0	0	0	2	0	2
4010	0	0	2	0	0	2
4011	1	2	0	0	0	3
4012	0	1	0	0	0	1
4013	0	0	0	2	0	2
4014	0	3	0	0	0	3
4015	0	0	0	2	0	2
4016	0	0	0	2	0	2
4017	0	3	0	0	0	3
4018	0	2	0	0	0	2
4019	0	2	0	0	0	2
4020	0	0	0	1	0	1
4021	0	0	3	0	0	3
4022	0	0	1	0	0	1
4023	0	4	0	0	0	4
4024	0	0	2	0	0	2
4025	1	3	0	0	0	4
4026	1	0	0	1	0	2
4027	0	0	4	0	2	6
4028	0	0	0	1	0	1
4029	0	0	0	2	0	2
4030	2	2	0	0	1	5
4031	0	0	1	0	0	1
4032	1	0	0	1	0	2
4033	1	0	0	2	0	3
4034	0	0	0	2	0	2
4035	0	0	2	0	0	2
4036	0	0	0	2	0	2
4037	0	4	0	0	0	4
4038	0	0	0	2	2	4
4039	0	0	1	0	0	1
4040	0	0	2	0	0	2
4041	0	0	2	0	0	2

4042	0	0	2	0	0	2
4043	0	2	0	0	0	2
4044	0	0	2	0	0	2
4045	1	0	3	0	0	4
4046	0	3	0	0	0	3
4047	0	3	0	0	0	3
4048	0	1	0	0	0	1
4049	1	0	1	0	0	2
4050	0	0	0	2	0	2
4051	1	0	0	1	0	2
4052	3	1	0	0	0	4
4053	1	0	0	2	0	3
4054	0	0	0	1	1	2
4055	0	1	0	0	0	1
4056	0	0	0	2	0	2
4057	0	0	2	0	0	2
4058	0	4	0	0	1	5
4059	0	3	0	0	0	3
4060	2	0	0	1	0	3
4061	0	1	0	0	2	3
4062	0	0	0	1	0	1
4063	0	0	2	0	0	2
4064	0	3	0	0	0	3
4065	0	0	0	2	0	2
4066	1	0	0	2	0	3
4067	0	0	1	0	0	1
4068	0	0	0	2	0	2
4069	1	0	1	0	1	3
4070	1	1	0	0	2	4
4071	2	0	1	0	0	3
4072	0	0	1	0	2	3
4073	0	0	0	2	0	2
4074	0	0	0	2	1	3
4075	0	0	0	2	2	4
4076	0	2	0	0	0	2
4077	0	3	0	0	0	3
4078	0	0	0	2	0	2
4079	0	0	2	0	0	2
4080	0	0	1	0	0	1
4081	3	3	0	0	0	6
4082	0	4	0	0	1	5
4083	0	0	0	1	0	1
4084	0	0	0	2	0	2
4085	1	2	0	0	0	3
4086	0	0	0	2	1	3
4087	3	0	0	2	1	6
4088	0	0	2	0	2	4

4089	0	1	0	0	0	1
4090	0	1	0	0	0	1
4091	0	0	2	0	0	2
4092	0	1	0	0	0	1
4093	1	4	0	0	0	5
4094	0	0	2	0	1	3
4095	0	0	0	2	0	2
4096	0	0	0	1	0	1
4097	0	0	0	1	0	1
4098	0	0	0	2	0	2
4099	0	0	1	0	0	1
4100	0	4	0	0	2	6
4101	0	3	0	0	0	3
4102	0	0	0	1	0	1
4103	0	0	0	2	0	2
4104	0	3	0	0	0	3
4105	0	0	2	0	0	2
4106	0	0	0	2	2	4
4107	0	0	0	2	0	2
4108	0	2	0	0	2	4
4109	0	2	0	0	2	4
4110	1	1	0	0	0	2
4111	0	0	2	0	0	2
4112	0	0	2	0	0	2
4113	0	0	1	0	1	2
4114	0	0	0	2	0	2
4115	0	4	0	0	2	6
4116	0	0	1	0	0	1
4117	0	0	0	2	0	2
4118	2	1	0	0	0	3
4119	0	0	0	2	0	2
4120	0	0	2	0	0	2
4121	0	1	0	0	0	1
4122	0	0	2	0	1	3
4123	0	0	2	0	0	2
4124	0	0	0	2	1	3
4125	4	0	2	0	0	6
4126	0	1	0	0	1	2
4127	1	0	0	2	1	4
4128	0	0	2	0	0	2
4129	3	3	0	0	0	6
4130	0	0	1	0	0	1
4131	0	2	0	0	0	2
4132	0	2	0	0	1	3
4133	0	0	1	0	0	1
4134	1	0	0	2	2	5
4135	0	3	0	0	1	4

4136	1	0	0	2	0	3
4137	0	0	0	2	0	2
4138	0	0	2	0	1	3
4139	0	1	0	0	2	3
4140	0	3	0	0	0	3
4141	0	4	0	0	0	4
4142	0	0	2	0	0	2
4143	0	4	0	0	0	4
4144	0	4	0	0	2	6
4145	0	0	4	0	2	6
4146	1	0	0	1	0	2
4147	0	3	0	0	0	3
4148	0	0	1	0	0	1
4149	0	0	2	0	0	2
4150	0	0	0	2	0	2
4151	0	2	0	0	0	2
4152	0	0	2	0	0	2
4153	0	0	1	0	0	1
4154	0	0	1	0	1	2
4155	0	0	2	0	0	2
4156	0	1	0	0	0	1
4157	0	0	0	2	0	2
4158	0	0	1	0	2	3
4159	0	0	0	2	0	2
4160	0	0	0	2	0	2
4161	0	0	4	0	0	4
4162	0	0	0	2	0	2
4163	1	1	0	0	1	3
4164	0	3	0	0	0	3
4165	0	0	0	2	0	2
4166	0	4	0	0	1	5
4167	0	0	0	2	1	3
4168	0	0	0	1	1	2
4169	0	0	2	0	0	2
4170	0	0	2	0	1	3
4171	1	0	0	2	0	3
4172	0	1	0	0	0	1
4173	0	0	0	1	0	1
4174	3	3	0	0	0	6
4175	2	0	0	2	0	4
4176	0	0	0	2	0	2
4177	1	0	2	0	0	3
4178	0	0	2	0	0	2
4179	0	0	0	2	0	2
4180	2	3	0	0	0	5
4181	0	0	2	0	0	2
4182	0	0	0	1	0	1

4183	0	1	0	0	0	1
4184	0	1	0	0	1	2
4185	0	4	0	0	2	6
4186	1	0	1	0	0	2
4187	0	0	0	2	0	2
4188	0	4	0	0	0	4
4189	0	3	0	0	0	3
4190	1	0	1	0	1	3
4191	0	0	0	1	0	1
4192	0	0	0	2	0	2
4193	0	4	0	0	1	5
4194	0	2	0	0	0	2
4195	1	4	0	0	0	5
4196	1	0	2	0	1	4
4197	2	0	1	0	0	3
4198	1	0	2	0	0	3
4199	4	2	0	0	0	6
4200	0	0	3	0	0	3
4201	0	0	0	2	0	2
4202	0	4	0	0	0	4
4203	2	2	0	0	0	4
4204	1	0	1	0	2	4
4205	0	0	0	1	0	1
4206	0	0	0	1	0	1
4207	1	0	1	0	0	2
4208	0	0	0	1	0	1
4209	0	0	0	1	2	3
4210	0	0	2	0	1	3
4211	0	0	4	0	2	6
4212	0	1	0	0	0	1
4213	0	3	0	0	0	3
4214	2	0	0	1	0	3
4215	1	0	4	0	0	5
4216	0	3	0	0	0	3
4217	0	0	1	0	0	1
4218	0	1	0	0	0	1
4219	0	4	0	0	2	6
4220	0	2	0	0	2	4
4221	2	0	1	0	0	3
4222	2	1	0	0	0	3
4223	0	4	0	0	0	4
4224	0	1	0	0	0	1
4225	0	0	1	0	2	3
4226	0	0	3	0	0	3
4227	3	3	0	0	0	6
4228	0	0	0	2	0	2
4229	0	1	0	0	0	1

4230	1	1	0	0	0	2
4231	1	3	0	0	0	4
4232	0	0	2	0	0	2
4233	1	0	0	1	0	2
4234	0	1	0	0	0	1
4235	0	2	0	0	0	2
4236	1	0	0	2	0	3
4237	0	0	1	0	0	1
4238	3	2	0	0	2	7
4239	0	0	2	0	0	2
4240	1	0	1	0	0	2
4241	0	0	0	2	0	2
4242	1	2	0	0	2	5
4243	0	0	0	2	0	2
4244	0	2	0	0	0	2
4245	0	1	0	0	0	1
4246	0	0	0	1	0	1
4247	2	2	0	0	1	5
4248	0	2	0	0	0	2
4249	0	0	0	1	1	2
4250	0	0	1	0	1	2
4251	0	0	2	0	0	2
4252	0	2	0	0	0	2
4253	0	0	0	1	0	1
4254	1	0	1	0	0	2
4255	0	2	0	0	0	2
4256	0	1	0	0	0	1
4257	4	0	2	0	0	6
4258	0	3	0	0	0	3
4259	0	0	0	2	1	3
4260	1	0	0	1	0	2
4261	0	1	0	0	0	1
4262	0	3	0	0	0	3
4263	0	0	0	2	0	2
4264	0	1	0	0	0	1
4265	0	0	0	2	0	2
4266	0	0	0	2	0	2
4267	3	0	2	0	2	7
4268	0	4	0	0	0	4
4269	0	0	0	1	1	2
4270	1	1	0	0	0	2
4271	3	3	0	0	0	6
4272	1	0	0	2	0	3
4273	0	0	0	2	0	2
4274	1	0	0	1	0	2
4275	0	2	0	0	0	2
4276	0	0	0	2	2	4

4277	0	0	0	2	2	4
4278	0	3	0	0	0	3
4279	0	0	0	2	0	2
4280	0	1	0	0	1	2
4281	0	0	2	0	0	2
4282	0	0	2	0	0	2
4283	0	0	2	0	0	2
4284	0	3	0	0	2	5
4285	0	0	0	2	0	2
4286	1	0	1	0	0	2
4287	1	3	0	0	0	4
4288	1	2	0	0	0	3
4289	0	0	2	0	0	2
4290	0	0	1	0	0	1
4291	1	2	0	0	0	3
4292	0	4	0	0	0	4
4293	0	0	0	1	0	1
4294	0	0	2	0	1	3
4295	0	0	0	2	0	2
4296	0	0	0	1	0	1
4297	0	0	4	0	0	4
4298	0	0	0	2	2	4
4299	0	3	0	0	0	3
4300	3	2	0	0	0	5
4301	0	0	0	2	0	2
4302	0	0	2	0	0	2
4303	3	2	0	0	0	5
4304	0	0	0	2	0	2
4305	0	0	2	0	0	2
4306	0	1	0	0	0	1
4307	0	0	1	0	0	1
4308	0	0	0	2	0	2
4309	0	2	0	0	0	2
4310	2	3	0	0	0	5
4311	2	0	1	0	0	3
4312	0	0	0	2	0	2
4313	1	0	2	0	0	3
4314	0	0	2	0	2	4
4315	0	0	0	2	0	2
4316	0	0	1	0	0	1
4317	1	0	0	2	0	3
4318	0	0	0	2	0	2
4319	0	0	0	2	0	2
4320	0	0	2	0	1	3
4321	0	0	0	1	0	1
4322	0	1	0	0	0	1
4323	0	2	0	0	0	2

4324	1	0	2	0	0	3
4325	0	1	0	0	0	1
4326	3	0	0	2	0	5
4327	0	1	0	0	0	1
4328	1	0	0	2	0	3
4329	1	0	1	0	0	2
4330	0	4	0	0	2	6
4331	0	0	2	0	2	4
4332	0	0	0	2	0	2
4333	0	0	2	0	0	2
4334	0	1	0	0	0	1
4335	1	0	2	0	0	3
4336	2	0	0	2	0	4
4337	1	1	0	0	0	2
4338	2	0	0	2	0	4
4339	0	4	0	0	0	4
4340	1	4	0	0	0	5
4341	0	0	0	2	1	3
4342	0	3	0	0	1	4
4343	0	0	2	0	0	2
4344	0	0	0	2	0	2
4345	0	4	0	0	0	4
4346	0	0	0	2	0	2
4347	0	0	2	0	0	2
4348	0	0	2	0	0	2
4349	3	1	0	0	0	4
4350	0	1	0	0	1	2
4351	0	1	0	0	0	1
4352	0	4	0	0	0	4
4353	0	0	1	0	0	1
4354	0	0	1	0	0	1
4355	3	0	1	0	0	4
4356	0	0	1	0	0	1
4357	0	0	0	2	0	2
4358	0	0	0	2	0	2
4359	0	4	0	0	0	4
4360	1	0	4	0	0	5
4361	4	1	0	0	0	5
4362	0	0	2	0	0	2
4363	0	0	0	2	0	2
4364	0	3	0	0	0	3
4365	0	0	4	0	0	4
4366	0	0	0	2	0	2
4367	0	0	0	2	0	2
4368	0	3	0	0	0	3
4369	2	0	1	0	0	3
4370	0	3	0	0	0	3

4371	1	1	0	0	1	3
4372	0	0	1	0	0	1
4373	0	0	2	0	0	2
4374	1	4	0	0	0	5
4375	1	1	0	0	2	4
4376	0	3	0	0	0	3
4377	0	0	0	2	0	2
4378	0	0	1	0	0	1
4379	0	0	0	2	0	2
4380	0	0	2	0	0	2
4381	0	0	3	0	1	4
4382	0	4	0	0	0	4
4383	0	0	0	2	0	2
4384	0	3	0	0	0	3
4385	0	0	2	0	2	4
4386	0	0	0	1	1	2
4387	1	4	0	0	0	5
4388	1	0	0	2	0	3
4389	0	0	0	2	1	3
4390	0	3	0	0	0	3
4391	0	0	0	1	0	1
4392	0	1	0	0	0	1
4393	0	4	0	0	0	4
4394	0	1	0	0	0	1
4395	0	0	0	2	0	2
4396	0	0	1	0	0	1
4397	0	0	1	0	0	1
4398	1	1	0	0	0	2
4399	0	0	2	0	0	2
4400	0	0	1	0	1	2
4401	0	0	1	0	0	1
4402	1	0	0	1	0	2
4403	0	0	1	0	0	1
4404	1	1	0	0	2	4
4405	0	2	0	0	0	2
4406	0	0	0	2	2	4
4407	0	4	0	0	0	4
4408	0	1	0	0	0	1
4409	1	0	1	0	1	3
4410	2	1	0	0	2	5
4411	2	0	2	0	0	4
4412	0	0	2	0	0	2
4413	2	0	1	0	0	3
4414	0	4	0	0	1	5
4415	0	0	1	0	0	1
4416	0	1	0	0	0	1
4417	2	0	2	0	0	4

4418	0	4	0	0	2	6
4419	0	3	0	0	2	5
4420	0	1	0	0	1	2
4421	0	4	0	0	1	5
4422	0	0	2	0	0	2
4423	0	0	0	1	0	1
4424	1	0	1	0	0	2
4425	0	4	0	0	0	4
4426	0	0	0	1	0	1
4427	0	0	0	2	0	2
4428	2	3	0	0	0	5
4429	0	0	1	0	0	1
4430	1	0	2	0	1	4
4431	0	0	2	0	0	2
4432	3	0	2	0	0	5
4433	0	0	2	0	0	2
4434	0	0	0	2	0	2
4435	0	0	1	0	0	1
4436	0	0	2	0	0	2
4437	0	0	0	1	0	1
4438	0	0	0	2	0	2
4439	0	4	0	0	1	5
4440	1	0	2	0	0	3
4441	0	0	0	2	2	4
4442	0	0	1	0	0	1
4443	0	2	0	0	0	2
4444	0	1	0	0	0	1
4445	3	3	0	0	0	6
4446	2	4	0	0	0	6
4447	0	2	0	0	0	2
4448	0	0	0	2	2	4
4449	0	1	0	0	0	1
4450	0	4	0	0	1	5
4451	0	1	0	0	0	1
4452	1	4	0	0	1	6
4453	0	1	0	0	0	1
4454	0	4	0	0	0	4
4455	0	0	2	0	0	2
4456	0	3	0	0	1	4
4457	0	2	0	0	0	2
4458	0	3	0	0	0	3
4459	0	0	0	2	0	2
4460	1	4	0	0	0	5
4461	0	4	0	0	0	4
4462	0	2	0	0	2	4
4463	2	1	0	0	1	4
4464	0	1	0	0	0	1

4465	1	0	4	0	0	5
4466	0	0	0	2	0	2
4467	0	4	0	0	1	5
4468	1	3	0	0	0	4
4469	0	0	0	1	0	1
4470	0	1	0	0	1	2
4471	0	4	0	0	2	6
4472	0	0	0	2	0	2
4473	0	0	2	0	0	2
4474	3	0	0	1	1	5
4475	0	2	0	0	0	2
4476	0	2	0	0	2	4
4477	0	3	0	0	0	3
4478	0	4	0	0	1	5
4479	0	0	1	0	0	1
4480	0	0	0	1	0	1
4481	0	0	0	2	0	2
4482	1	2	0	0	0	3
4483	0	4	0	0	0	4
4484	0	0	0	1	0	1
4485	0	1	0	0	2	3
4486	0	1	0	0	0	1
4487	0	1	0	0	0	1
4488	0	0	0	1	0	1
4489	0	3	0	0	0	3
4490	0	0	1	0	0	1
4491	0	2	0	0	0	2
4492	0	0	0	2	0	2
4493	0	0	0	2	0	2
4494	0	1	0	0	0	1
4495	0	0	0	2	0	2
4496	0	0	0	2	0	2
4497	1	0	1	0	0	2
4498	0	0	2	0	0	2
4499	0	0	0	1	0	1
4500	3	0	1	0	0	4
4501	0	4	0	0	2	6
4502	4	0	4	0	0	8
4503	2	4	0	0	0	6
4504	0	0	2	0	0	2
4505	0	0	0	1	0	1
4506	0	4	0	0	1	5
4507	0	2	0	0	0	2
4508	0	0	3	0	2	5
4509	0	0	1	0	1	2
4510	0	0	0	1	0	1
4511	2	0	0	2	1	5

4512	0	4	0	0	0	4
4513	0	2	0	0	1	3
4514	0	0	0	2	0	2
4515	0	4	0	0	1	5
4516	0	0	2	0	0	2
4517	0	0	0	2	2	4
4518	0	2	0	0	0	2
4519	0	0	0	1	0	1
4520	0	0	1	0	2	3
4521	0	0	2	0	0	2
4522	1	0	0	1	0	2
4523	3	0	0	1	0	4
4524	0	0	2	0	0	2
4525	0	3	0	0	0	3
4526	0	0	0	2	0	2
4527	0	3	0	0	0	3
4528	0	0	0	1	2	3
4529	0	1	0	0	0	1
4530	0	0	0	1	0	1
4531	0	0	0	1	0	1
4532	1	0	2	0	0	3
4533	2	1	0	0	0	3
4534	0	0	0	1	0	1
4535	0	3	0	0	0	3
4536	0	0	0	2	0	2
4537	0	2	0	0	0	2
4538	0	0	0	2	1	3
4539	0	4	0	0	0	4
4540	1	0	0	2	0	3
4541	0	0	1	0	0	1
4542	0	0	1	0	0	1
4543	0	1	0	0	1	2
4544	1	0	1	0	0	2
4545	0	0	2	0	0	2
4546	0	0	0	1	2	3
4547	0	0	2	0	2	4
4548	0	0	0	2	0	2
4549	0	0	0	2	0	2
4550	0	2	0	0	0	2
4551	0	0	0	2	1	3
4552	0	2	0	0	1	3
4553	0	0	2	0	0	2
4554	0	0	0	1	0	1
4555	0	0	1	0	0	1
4556	0	2	0	0	2	4
4557	3	0	2	0	0	5
4558	0	0	2	0	2	4

4559	0	3	0	0	0	3
4560	0	1	0	0	0	1
4561	0	0	2	0	0	2
4562	1	4	0	0	0	5
4563	0	0	0	1	1	2
4564	0	2	0	0	0	2
4565	2	2	0	0	0	4
4566	0	3	0	0	0	3
4567	0	2	0	0	0	2
4568	2	2	0	0	0	4
4569	0	0	0	2	2	4
4570	0	0	0	1	0	1
4571	0	0	1	0	0	1
4572	1	0	0	2	0	3
4573	0	0	0	2	0	2
4574	0	2	0	0	0	2
4575	0	0	1	0	0	1
4576	0	1	0	0	0	1
4577	0	0	3	0	1	4
4578	0	0	0	2	0	2
4579	0	0	1	0	0	1
4580	2	0	0	1	0	3
4581	0	0	0	1	0	1
4582	2	0	0	1	0	3
4583	0	0	0	2	0	2
4584	0	2	0	0	0	2
4585	0	0	1	0	0	1
4586	0	3	0	0	1	4
4587	1	0	0	2	0	3
4588	1	0	2	0	0	3
4589	1	0	2	0	0	3
4590	0	2	0	0	1	3
4591	0	0	1	0	0	1
4592	0	4	0	0	0	4
4593	0	1	0	0	0	1
4594	0	0	1	0	0	1
4595	0	0	1	0	0	1
4596	1	0	2	0	2	5
4597	0	3	0	0	2	5
4598	1	0	0	2	0	3
4599	0	0	1	0	0	1
4600	0	0	1	0	0	1
4601	0	2	0	0	0	2
4602	0	2	0	0	1	3
4603	0	3	0	0	2	5
4604	3	0	1	0	0	4
4605	0	0	0	2	1	3

4606	0	0	0	2	2	4
4607	0	4	0	0	0	4
4608	0	0	2	0	1	3
4609	1	0	2	0	0	3
4610	0	0	2	0	0	2
4611	0	4	0	0	0	4
4612	1	0	4	0	0	5
4613	1	1	0	0	1	3
4614	1	0	0	1	2	4
4615	0	3	0	0	2	5
4616	0	2	0	0	0	2
4617	0	0	0	2	2	4
4618	1	1	0	0	0	2
4619	0	4	0	0	0	4
4620	0	0	0	2	2	4
4621	0	2	0	0	2	4
4622	0	0	0	1	0	1
4623	0	0	1	0	0	1
4624	3	3	0	0	2	8
4625	0	0	2	0	0	2
4626	0	0	0	1	0	1
4627	0	0	0	2	0	2
4628	0	0	2	0	0	2
4629	0	0	2	0	1	3
4630	1	0	2	0	1	4
4631	0	1	0	0	0	1
4632	0	4	0	0	0	4
4633	0	0	0	2	0	2
4634	1	0	1	0	0	2
4635	1	4	0	0	0	5
4636	1	0	0	2	0	3
4637	0	2	0	0	0	2
4638	0	0	0	2	2	4
4639	0	0	0	1	0	1
4640	0	3	0	0	0	3
4641	0	2	0	0	0	2
4642	0	0	0	2	0	2
4643	0	0	0	2	0	2
4644	2	0	1	0	0	3
4645	0	0	0	1	1	2
4646	0	0	1	0	0	1
4647	0	1	0	0	0	1
4648	0	0	3	0	2	5
4649	0	4	0	0	0	4
4650	0	0	0	2	0	2
4651	0	4	0	0	0	4
4652	0	3	0	0	0	3

4653	0	4	0	0	0	4
4654	0	2	0	0	0	2
4655	1	0	0	1	2	4
4656	0	4	0	0	0	4
4657	0	2	0	0	0	2
4658	2	0	2	0	0	4
4659	0	3	0	0	0	3
4660	1	0	2	0	0	3
4661	0	0	1	0	1	2
4662	1	0	0	2	1	4
4663	0	2	0	0	1	3
4664	1	0	0	1	0	2
4665	0	0	2	0	0	2
4666	0	0	0	2	0	2
4667	0	0	2	0	0	2
4668	0	0	1	0	0	1
4669	0	0	0	1	0	1
4670	0	1	0	0	0	1
4671	3	0	0	2	0	5
4672	0	0	0	1	0	1
4673	0	0	2	0	0	2
4674	0	3	0	0	0	3
4675	0	0	0	2	0	2
4676	0	2	0	0	0	2
4677	0	1	0	0	0	1
4678	0	0	1	0	2	3
4679	4	0	1	0	0	5
4680	0	3	0	0	0	3
4681	0	4	0	0	0	4
4682	0	2	0	0	0	2
4683	0	0	0	2	2	4
4684	0	4	0	0	0	4
4685	1	1	0	0	0	2
4686	0	1	0	0	0	1
4687	0	1	0	0	0	1
4688	0	0	2	0	0	2
4689	0	0	0	2	0	2
4690	0	0	0	2	0	2
4691	0	0	0	2	0	2
4692	0	1	0	0	1	2
4693	0	4	0	0	0	4
4694	1	2	0	0	0	3
4695	1	1	0	0	0	2
4696	0	0	0	2	0	2
4697	0	4	0	0	0	4
4698	3	0	1	0	0	4
4699	0	0	4	0	0	4

4700	0	2	0	0	0	2
4701	0	1	0	0	2	3
4702	0	0	1	0	0	1
4703	0	0	1	0	0	1
4704	0	2	0	0	0	2
4705	2	0	1	0	0	3
4706	3	0	0	1	0	4
4707	0	0	0	2	0	2
4708	0	3	0	0	0	3
4709	0	0	0	1	0	1
4710	0	0	1	0	0	1
4711	0	3	0	0	0	3
4712	0	0	0	1	1	2
4713	0	0	0	1	0	1
4714	0	0	1	0	0	1
4715	1	0	1	0	0	2
4716	1	1	0	0	0	2
4717	0	3	0	0	0	3
4718	1	3	0	0	0	4
4719	0	4	0	0	0	4
4720	0	1	0	0	0	1
4721	1	0	2	0	0	3
4722	0	0	1	0	0	1
4723	0	0	2	0	0	2
4724	0	3	0	0	0	3
4725	0	1	0	0	1	2
4726	0	0	1	0	0	1
4727	0	4	0	0	0	4
4728	0	0	2	0	0	2
4729	3	1	0	0	2	6
4730	0	0	0	1	0	1
4731	0	0	1	0	2	3
4732	1	2	0	0	0	3
4733	0	0	3	0	0	3
4734	0	4	0	0	0	4
4735	0	1	0	0	2	3
4736	0	0	2	0	0	2
4737	0	0	1	0	0	1
4738	1	2	0	0	1	4
4739	0	0	2	0	0	2
4740	0	0	0	2	0	2
4741	0	0	2	0	0	2
4742	0	1	0	0	0	1
4743	0	1	0	0	0	1
4744	2	0	3	0	0	5
4745	1	4	0	0	1	6
4746	0	0	1	0	0	1

4747	2	0	2	0	0	4
4748	0	3	0	0	0	3
4749	2	0	4	0	0	6
4750	0	0	0	2	1	3
4751	0	3	0	0	0	3
4752	0	2	0	0	0	2
4753	0	1	0	0	0	1
4754	1	0	0	2	0	3
4755	0	0	1	0	0	1
4756	0	1	0	0	0	1
4757	0	0	0	2	0	2
4758	0	0	1	0	0	1
4759	0	1	0	0	0	1
4760	0	0	1	0	0	1
4761	0	0	1	0	0	1
4762	0	0	0	2	0	2
4763	0	0	0	2	0	2
4764	0	0	1	0	0	1
4765	0	0	1	0	0	1
4766	0	0	1	0	0	1
4767	0	2	0	0	0	2
4768	0	0	2	0	1	3
4769	0	0	0	1	0	1
4770	0	2	0	0	0	2
4771	0	0	2	0	0	2
4772	0	1	0	0	0	1
4773	0	2	0	0	0	2
4774	0	2	0	0	0	2
4775	0	1	0	0	0	1
4776	2	0	0	2	0	4
4777	0	4	0	0	0	4
4778	0	0	0	2	0	2
4779	0	0	2	0	0	2
4780	0	0	0	2	0	2
4781	0	2	0	0	0	2
4782	0	0	1	0	0	1
4783	1	0	1	0	1	3
4784	0	0	2	0	2	4
4785	1	0	0	2	0	3
4786	0	0	0	2	2	4
4787	1	0	0	2	0	3
4788	1	1	0	0	0	2
4789	1	2	0	0	0	3
4790	0	0	0	1	0	1
4791	0	0	0	2	0	2
4792	0	4	0	0	2	6
4793	0	0	0	2	0	2

4794	3	3	0	0	0	6
4795	0	0	2	0	0	2
4796	0	4	0	0	0	4
4797	0	0	2	0	0	2
4798	0	0	0	2	0	2
4799	4	2	0	0	0	6
4800	0	4	0	0	0	4
4801	0	0	0	1	0	1
4802	0	2	0	0	0	2
4803	0	0	1	0	2	3
4804	1	0	0	1	0	2
4805	0	2	0	0	2	4
4806	2	1	0	0	0	3
4807	0	0	0	1	0	1
4808	0	0	2	0	0	2
4809	0	0	2	0	0	2
4810	1	0	0	2	0	3
4811	0	0	1	0	1	2
4812	3	0	2	0	0	5
4813	0	0	2	0	0	2
4814	2	0	0	2	0	4
4815	1	4	0	0	0	5
4816	0	0	0	1	0	1
4817	0	0	1	0	0	1
4818	0	2	0	0	0	2
4819	0	0	2	0	0	2
4820	0	4	0	0	0	4
4821	2	4	0	0	0	6
4822	0	1	0	0	0	1
4823	0	0	0	2	0	2
4824	2	0	0	2	0	4
4825	0	2	0	0	0	2
4826	0	2	0	0	0	2
4827	3	1	0	0	0	4
4828	0	0	0	2	0	2
4829	0	1	0	0	0	1
4830	0	4	0	0	1	5
4831	0	0	1	0	0	1
4832	0	0	1	0	0	1
4833	0	0	0	2	1	3
4834	4	1	0	0	1	6
4835	2	0	0	2	0	4
4836	1	0	0	2	0	3
4837	0	0	0	2	1	3
4838	1	0	0	1	0	2
4839	0	0	0	2	2	4
4840	1	1	0	0	0	2

4841	0	0	0	2	0	2
4842	4	0	4	0	1	9
4843	0	4	0	0	0	4
4844	0	0	1	0	0	1
4845	0	0	0	1	0	1
4846	1	0	1	0	0	2
4847	0	0	0	2	0	2
4848	0	0	2	0	0	2
4849	0	3	0	0	0	3
4850	0	2	0	0	0	2
4851	1	0	1	0	0	2
4852	0	2	0	0	0	2
4853	0	0	4	0	0	4
4854	1	1	0	0	0	2
4855	0	0	0	2	0	2
4856	0	2	0	0	1	3
4857	0	2	0	0	0	2
4858	0	4	0	0	0	4
4859	0	4	0	0	0	4
4860	0	1	0	0	0	1
4861	1	0	0	2	0	3
4862	0	1	0	0	1	2
4863	0	0	1	0	0	1
4864	0	4	0	0	0	4
4865	0	1	0	0	0	1
4866	0	4	0	0	1	5
4867	0	4	0	0	0	4
4868	0	0	3	0	1	4
4869	0	0	2	0	1	3
4870	0	4	0	0	0	4
4871	0	4	0	0	0	4
4872	0	0	0	2	2	4
4873	0	0	1	0	0	1
4874	0	1	0	0	0	1
4875	2	0	0	2	0	4
4876	1	1	0	0	1	3
4877	2	2	0	0	0	4
4878	0	2	0	0	0	2
4879	0	0	1	0	2	3
4880	0	0	0	1	0	1
4881	0	0	0	1	0	1
4882	0	0	0	1	0	1
4883	0	2	0	0	0	2
4884	0	0	0	2	0	2
4885	0	0	0	1	2	3
4886	0	2	0	0	0	2
4887	0	4	0	0	1	5

4888	0	0	1	0	0	1
4889	1	1	0	0	0	2
4890	1	0	4	0	1	6
4891	0	3	0	0	2	5
4892	1	1	0	0	0	2
4893	0	0	1	0	0	1
4894	0	0	1	0	1	2
4895	3	0	0	2	1	6
4896	0	0	2	0	0	2
4897	2	2	0	0	0	4
4898	0	0	0	1	0	1
4899	0	1	0	0	1	2
4900	0	4	0	0	0	4
4901	1	2	0	0	2	5
4902	2	0	0	2	0	4
4903	0	3	0	0	0	3
4904	0	1	0	0	0	1
4905	0	4	0	0	0	4
4906	0	0	0	2	0	2
4907	0	0	0	2	2	4
4908	0	0	0	2	0	2
4909	0	0	0	2	2	4
4910	0	0	1	0	0	1
4911	3	1	0	0	0	4
4912	0	2	0	0	0	2
4913	0	3	0	0	0	3
4914	0	4	0	0	0	4
4915	0	1	0	0	0	1
4916	0	4	0	0	0	4
4917	0	2	0	0	0	2
4918	0	0	0	2	0	2
4919	1	1	0	0	0	2
4920	0	3	0	0	0	3
4921	0	0	0	2	0	2
4922	0	3	0	0	0	3
4923	2	0	0	1	0	3
4924	0	0	0	2	1	3
4925	0	0	0	2	0	2
4926	0	4	0	0	1	5
4927	1	0	0	2	0	3
4928	0	4	0	0	0	4
4929	2	0	2	0	0	4
4930	0	0	0	2	0	2
4931	0	0	0	2	0	2
4932	2	3	0	0	0	5
4933	0	3	0	0	1	4
4934	0	0	0	2	0	2

4935	0	1	0	0	0	1
4936	4	0	0	1	0	5
4937	1	1	0	0	0	2
4938	0	4	0	0	2	6
4939	0	2	0	0	0	2
4940	0	2	0	0	0	2
4941	1	3	0	0	0	4
4942	0	3	0	0	0	3
4943	0	0	0	1	1	2
4944	0	0	0	1	0	1
4945	0	3	0	0	0	3
4946	0	1	0	0	1	2
4947	0	0	0	2	2	4
4948	0	0	0	1	0	1
4949	0	0	1	0	0	1
4950	0	0	0	2	0	2
4951	0	0	0	2	0	2
4952	0	0	0	1	1	2
4953	2	0	0	2	0	4
4954	3	4	0	0	1	8
4955	1	0	0	0	1	2
4956	0	1	0	0	0	1
4957	0	1	0	0	0	1
4958	0	4	0	0	1	5
4959	0	1	0	0	0	1
4960	0	2	0	0	1	3
4961	0	1	0	0	0	1
4962	0	0	1	0	0	1
4963	2	2	0	0	0	4
4964	0	4	0	0	0	4
4965	0	0	0	2	0	2
4966	1	1	0	0	0	2
4967	1	2	0	0	2	5
4968	0	0	2	0	2	4
4969	0	0	2	0	1	3
4970	1	1	0	0	0	2
4971	0	0	0	2	0	2
4972	0	3	0	0	1	4
4973	0	0	0	2	0	2
4974	0	0	0	2	2	4
4975	0	4	0	0	0	4
4976	0	1	0	0	0	1
4977	0	0	0	2	0	2
4978	0	0	0	1	2	3
4979	0	4	0	0	0	4
4980	0	4	0	0	0	4
4981	0	3	0	0	0	3

4982	2	3	0	0	0	5
4983	0	4	0	0	0	4
4984	2	3	0	0	0	5
4985	0	0	1	0	0	1
4986	0	2	0	0	0	2
4987	1	0	0	2	0	3
4988	0	2	0	0	0	2
4989	1	0	1	0	0	2
4990	0	4	0	0	2	6
4991	0	2	0	0	0	2
4992	1	2	0	0	0	3
4993	0	4	0	0	2	6
4994	2	0	1	0	0	3
4995	0	1	0	0	0	1
4996	0	0	0	1	0	1
4997	0	0	0	2	1	3
4998	0	1	0	0	0	1
4999	0	0	3	0	0	3
5000	0	4	0	0	1	5
5001	0	3	0	0	2	5
5002	0	0	0	2	0	2
5003	1	0	0	1	0	2
5004	0	3	0	0	0	3
5005	0	2	0	0	0	2
5006	0	2	0	0	0	2
5007	1	0	0	2	1	4
5008	0	0	0	2	0	2
5009	1	0	0	1	0	2
5010	1	0	2	0	0	3
5011	1	1	0	0	2	4
5012	0	0	0	2	2	4
5013	0	0	0	1	0	1
5014	0	0	0	2	0	2
5015	2	0	0	1	1	4
5016	0	0	0	1	0	1
5017	0	0	1	0	0	1
5018	0	3	0	0	0	3
5019	0	1	0	0	0	1
5020	0	0	1	0	1	2
5021	3	4	0	0	1	8
5022	0	0	0	2	0	2
5023	2	0	0	2	0	4
5024	1	3	0	0	0	4
5025	0	1	0	0	0	1
5026	0	4	0	0	0	4
5027	0	0	1	0	0	1
5028	0	2	0	0	0	2

5029	0	0	0	2	0	2
5030	0	3	0	0	2	5
5031	1	0	0	2	1	4
5032	1	2	0	0	2	5
5033	0	0	3	0	1	4
5034	0	0	1	0	0	1
5035	0	0	0	1	2	3
5036	1	0	0	1	0	2
5037	0	1	0	0	0	1
5038	0	3	0	0	0	3
5039	0	4	0	0	2	6
5040	0	1	0	0	0	1
5041	0	1	0	0	0	1
5042	0	3	0	0	1	4
5043	0	4	0	0	0	4
5044	0	3	0	0	0	3
5045	3	0	1	0	0	4
5046	0	0	1	0	0	1
5047	0	0	0	2	0	2
5048	0	1	0	0	0	1
5049	0	2	0	0	1	3
5050	0	0	0	1	0	1
5051	1	4	0	0	0	5
5052	0	0	2	0	0	2
5053	0	0	0	2	1	3
5054	3	1	0	0	2	6
5055	0	0	0	1	0	1
5056	0	0	1	0	0	1
5057	1	0	2	0	0	3
5058	0	2	0	0	0	2
5059	3	0	0	2	0	5
5060	2	2	0	0	0	4
5061	0	0	1	0	0	1
5062	0	4	0	0	1	5
5063	3	0	0	2	0	5
5064	0	3	0	0	0	3
5065	1	3	0	0	0	4
5066	0	0	0	1	0	1
5067	0	3	0	0	0	3
5068	0	0	1	0	2	3
5069	0	3	0	0	0	3
5070	0	0	0	2	0	2
5071	0	0	1	0	0	1
5072	0	3	0	0	0	3
5073	0	2	0	0	2	4
5074	0	0	1	0	0	1
5075	1	0	1	0	0	2

5076	0	0	1	0	0	1
5077	1	3	0	0	2	6
5078	0	0	1	0	0	1
5079	0	4	0	0	1	5
5080	0	0	2	0	0	2
5081	0	2	0	0	0	2
5082	0	3	0	0	0	3
5083	0	0	2	0	0	2
5084	0	2	0	0	0	2
5085	1	2	0	0	0	3
5086	0	1	0	0	0	1
5087	0	0	0	1	0	1
5088	0	2	0	0	2	4
5089	0	2	0	0	0	2
5090	0	0	0	2	0	2
5091	0	0	2	0	0	2
5092	2	2	0	0	1	5
5093	2	2	0	0	0	4
5094	0	1	0	0	0	1
5095	0	2	0	0	1	3
5096	3	0	0	1	0	4
5097	1	0	0	2	0	3
5098	0	0	0	1	0	1
5099	0	0	0	2	0	2
5100	0	0	0	2	0	2
5101	1	0	0	2	0	3
5102	0	0	2	0	1	3
5103	2	2	0	0	0	4
5104	0	0	0	2	1	3
5105	0	0	1	0	0	1
5106	1	0	0	2	0	3
5107	0	2	0	0	0	2
5108	0	0	0	2	0	2
5109	3	0	0	2	2	7
5110	0	0	0	2	0	2
5111	0	0	2	0	2	4
5112	0	4	0	0	0	4
5113	0	3	0	0	0	3
5114	0	0	1	0	0	1
5115	0	0	0	1	0	1
5116	0	1	0	0	0	1
5117	0	4	0	0	0	4
5118	0	0	0	2	1	3
5119	0	0	0	1	0	1
5120	1	0	1	0	0	2
5121	0	0	0	2	0	2
5122	0	0	0	2	0	2

5123	0	0	4	0	0	4
5124	1	0	2	0	0	3
5125	2	1	0	0	0	3
5126	0	0	0	2	2	4
5127	0	2	0	0	0	2
5128	4	4	0	0	0	8
5129	0	1	0	0	0	1
5130	0	0	4	0	0	4
5131	1	0	1	0	0	2
5132	2	0	2	0	0	4
5133	0	2	0	0	0	2
5134	0	0	2	0	0	2
5135	0	0	0	2	0	2
5136	0	2	0	0	2	4
5137	0	1	0	0	0	1
5138	0	0	1	0	0	1
5139	0	3	0	0	2	5
5140	0	0	1	0	0	1
5141	0	0	2	0	2	4
5142	2	0	2	0	0	4
5143	0	1	0	0	1	2
5144	0	0	0	1	0	1
5145	0	3	0	0	0	3
5146	0	3	0	0	0	3
5147	2	2	0	0	1	5
5148	0	0	2	0	0	2
5149	0	0	2	0	0	2
5150	0	0	2	0	0	2
5151	0	0	1	0	0	1
5152	0	0	0	1	0	1
5153	0	0	2	0	0	2
5154	0	0	0	1	0	1
5155	0	0	0	2	0	2
5156	0	0	2	0	0	2
5157	0	0	2	0	0	2
5158	2	0	0	2	0	4
5159	0	0	0	1	0	1
5160	0	0	0	1	0	1
5161	0	0	0	2	1	3
5162	0	0	2	0	0	2
5163	0	0	2	0	0	2
5164	0	0	0	1	0	1
5165	0	2	0	0	0	2
5166	0	0	0	2	0	2
5167	0	1	0	0	0	1
5168	0	0	0	1	0	1
5169	0	1	0	0	2	3

5170	0	4	0	0	0	4
5171	0	0	2	0	0	2
5172	0	0	2	0	1	3
5173	0	4	0	0	0	4
5174	0	0	0	1	1	2
5175	2	0	0	2	0	4
5176	0	0	2	0	0	2
5177	1	0	0	1	0	2
5178	0	1	0	0	1	2
5179	0	1	0	0	0	1
5180	0	0	2	0	0	2
5181	0	0	0	2	1	3
5182	0	3	0	0	0	3
5183	0	0	0	2	0	2
5184	1	4	0	0	0	5
5185	0	0	0	2	0	2
5186	1	4	0	0	0	5
5187	0	1	0	0	0	1
5188	0	0	0	2	0	2
5189	1	0	0	2	0	3
5190	0	3	0	0	1	4
5191	0	0	0	2	1	3
5192	0	0	2	0	1	3
5193	0	0	0	2	0	2
5194	2	0	4	0	0	6
5195	2	0	0	1	0	3
5196	0	3	0	0	0	3
5197	0	0	2	0	0	2
5198	2	0	0	2	0	4
5199	3	0	2	0	2	7
5200	0	0	1	0	2	3
5201	0	0	1	0	0	1
5202	0	2	0	0	0	2
5203	0	3	0	0	2	5
5204	0	0	1	0	0	1
5205	0	2	0	0	0	2
5206	3	0	0	2	0	5
5207	0	0	0	2	0	2
5208	1	1	0	0	0	2
5209	0	0	1	0	2	3
5210	0	0	0	1	0	1
5211	0	0	0	2	0	2
5212	0	0	1	0	0	1
5213	0	4	0	0	0	4
5214	0	0	0	1	0	1
5215	1	2	0	0	0	3
5216	1	4	0	0	0	5

5217	0	4	0	0	0	4
5218	0	4	0	0	0	4
5219	0	0	1	0	2	3
5220	0	1	0	0	0	1
5221	0	3	0	0	0	3
5222	0	3	0	0	1	4
5223	0	0	1	0	0	1
5224	0	0	0	2	0	2
5225	0	0	2	0	1	3
5226	0	0	0	2	0	2
5227	0	4	0	0	0	4
5228	0	1	0	0	0	1
5229	1	2	0	0	0	3
5230	0	0	2	0	0	2
5231	0	0	0	2	2	4
5232	2	4	0	0	0	6
5233	0	0	0	2	0	2
5234	1	1	0	0	0	2
5235	0	4	0	0	0	4
5236	0	0	2	0	0	2
5237	0	1	0	0	0	1
5238	0	0	2	0	0	2
5239	0	0	2	0	0	2
5240	1	0	4	0	0	5
5241	2	0	0	1	0	3
5242	0	3	0	0	0	3
5243	0	0	2	0	0	2
5244	0	1	0	0	0	1
5245	0	0	0	2	0	2
5246	0	0	0	2	0	2
5247	0	4	0	0	0	4
5248	0	0	1	0	0	1
5249	0	2	0	0	0	2
5250	2	0	0	2	0	4
5251	3	0	2	0	0	5
5252	0	0	2	0	2	4
5253	1	2	0	0	0	3
5254	0	0	1	0	0	1
5255	0	0	1	0	0	1
5256	0	0	1	0	0	1
5257	0	0	0	2	2	4
5258	2	0	0	1	0	3
5259	0	2	0	0	0	2
5260	0	0	3	0	2	5
5261	0	0	0	1	0	1
5262	0	0	1	0	2	3
5263	0	2	0	0	0	2

5264	2	0	0	2	0	4
5265	0	4	0	0	0	4
5266	0	3	0	0	0	3
5267	4	0	0	2	0	6
5268	2	2	0	0	0	4
5269	0	0	0	1	0	1
5270	0	2	0	0	0	2
5271	1	0	0	2	0	3
5272	0	0	2	0	1	3
5273	1	0	0	1	0	2
5274	0	4	0	0	1	5
5275	0	2	0	0	0	2
5276	2	2	0	0	0	4
5277	0	3	0	0	0	3
5278	0	0	1	0	0	1
5279	0	0	0	1	0	1
5280	0	1	0	0	0	1
5281	0	0	0	2	2	4
5282	0	0	1	0	1	2
5283	0	2	0	0	0	2
5284	1	0	0	2	0	3
5285	0	3	0	0	0	3
5286	1	0	1	0	1	3
5287	1	4	0	0	1	6
5288	1	1	0	0	1	3
5289	0	0	2	0	1	3
5290	0	0	0	2	0	2
5291	0	0	2	0	0	2
5292	2	0	1	0	0	3
5293	0	0	1	0	2	3
5294	0	1	0	0	0	1
5295	0	0	0	2	2	4
5296	4	0	1	0	0	5
5297	2	2	0	0	0	4
5298	0	0	0	2	0	2
5299	0	0	4	0	0	4
5300	1	0	0	1	0	2
5301	0	0	1	0	0	1
5302	0	1	0	0	0	1
5303	0	2	0	0	0	2
5304	0	4	0	0	2	6
5305	0	3	0	0	0	3
5306	1	0	2	0	0	3
5307	0	1	0	0	0	1
5308	1	3	0	0	0	4
5309	0	0	0	2	0	2
5310	0	0	0	2	0	2

5311	0	0	0	2	0	2
5312	3	4	0	0	0	7
5313	2	3	0	0	1	6
5314	2	4	0	0	0	6
5315	0	4	0	0	0	4
5316	0	4	0	0	1	5
5317	0	0	1	0	2	3
5318	0	3	0	0	0	3
5319	0	0	1	0	0	1
5320	0	0	0	2	0	2
5321	0	3	0	0	0	3
5322	0	0	1	0	0	1
5323	1	1	0	0	0	2
5324	0	0	1	0	0	1
5325	0	0	0	2	1	3
5326	0	1	0	0	0	1
5327	1	2	0	0	2	5
5328	0	0	2	0	0	2
5329	0	0	1	0	1	2
5330	0	0	2	0	0	2
5331	0	0	2	0	0	2
5332	0	2	0	0	0	2
5333	0	0	2	0	1	3
5334	0	0	0	1	1	2
5335	0	3	0	0	1	4
5336	0	0	1	0	0	1
5337	0	0	1	0	0	1
5338	0	4	0	0	0	4
5339	0	0	1	0	2	3
5340	0	0	0	1	0	1
5341	4	4	0	0	0	8
5342	1	0	0	2	0	3
5343	0	3	0	0	0	3
5344	1	4	0	0	0	5
5345	0	0	2	0	1	3
5346	0	0	0	2	0	2
5347	0	0	0	2	0	2
5348	3	0	0	2	2	7
5349	1	0	1	0	0	2
5350	0	2	0	0	0	2
5351	3	0	1	0	1	5
5352	0	0	2	0	2	4
5353	1	0	1	0	0	2
5354	0	0	2	0	0	2
5355	0	0	0	2	0	2
5356	0	0	0	1	0	1
5357	0	3	0	0	0	3

5358	0	0	0	1	0	1
5359	1	1	0	0	0	2
5360	2	3	0	0	2	7
5361	0	0	1	0	1	2
5362	0	4	0	0	0	4
5363	0	0	1	0	0	1
5364	0	3	0	0	0	3
5365	0	3	0	0	2	5
5366	4	0	1	0	0	5
5367	0	0	0	1	0	1
5368	0	3	0	0	0	3
5369	0	0	0	2	0	2
5370	0	0	2	0	0	2
5371	0	2	0	0	0	2
5372	1	0	0	1	2	4
5373	2	0	1	0	0	3
5374	0	0	1	0	2	3
5375	0	3	0	0	0	3
5376	0	4	0	0	0	4
5377	0	0	2	0	0	2
5378	0	0	1	0	0	1
5379	0	1	0	0	1	2
5380	1	0	0	1	0	2
5381	0	0	0	1	2	3
5382	0	0	2	0	0	2
5383	0	0	0	2	0	2
5384	0	0	0	2	1	3
5385	0	0	0	2	1	3
5386	0	4	0	0	1	5
5387	0	1	0	0	0	1
5388	0	0	2	0	2	4
5389	0	2	0	0	0	2
5390	0	0	2	0	0	2
5391	1	0	0	2	0	3
5392	0	0	1	0	2	3
5393	0	3	0	0	0	3
5394	1	0	2	0	0	3
5395	2	0	1	0	0	3
5396	0	0	2	0	0	2
5397	0	0	2	0	0	2
5398	0	3	0	0	0	3
5399	0	0	0	2	0	2
5400	2	0	0	2	0	4
5401	0	0	0	2	0	2
5402	1	0	0	2	0	3
5403	0	0	1	0	0	1
5404	0	0	1	0	0	1

5405	0	0	0	1	1	2
5406	0	0	0	2	0	2
5407	0	1	0	0	0	1
5408	0	2	0	0	0	2
5409	0	0	2	0	0	2
5410	0	0	0	2	0	2
5411	0	0	2	0	0	2
5412	0	0	0	2	0	2
5413	2	0	1	0	0	3
5414	0	0	0	2	1	3
5415	0	0	0	2	1	3
5416	0	0	2	0	0	2
5417	0	4	0	0	0	4
5418	0	4	0	0	0	4
5419	1	0	0	2	0	3
5420	1	3	0	0	0	4
5421	0	0	0	2	0	2
5422	3	0	2	0	0	5
5423	0	4	0	0	0	4
5424	3	0	0	2	0	5
5425	0	2	0	0	2	4
5426	0	0	2	0	0	2
5427	3	0	0	2	2	7
5428	0	0	0	2	1	3
5429	3	0	2	0	0	5
5430	4	4	0	0	0	8
5431	0	0	0	1	0	1
5432	0	2	0	0	0	2
5433	0	0	0	2	0	2
5434	0	0	1	0	1	2
5435	0	0	1	0	0	1
5436	0	1	0	0	0	1
5437	0	4	0	0	0	4
5438	3	0	0	2	0	5
5439	4	1	0	0	2	7
5440	3	0	1	0	0	4
5441	0	0	1	0	2	3
5442	0	2	0	0	2	4
5443	0	0	0	2	0	2
5444	0	1	0	0	0	1
5445	2	0	0	1	0	3
5446	0	0	0	2	1	3
5447	0	0	2	0	0	2
5448	3	0	0	2	0	5
5449	0	1	0	0	0	1
5450	0	0	0	1	2	3
5451	0	0	2	0	0	2

5452	0	1	0	0	0	1
5453	0	0	1	0	0	1
5454	0	0	0	2	2	4
5455	0	4	0	0	0	4
5456	0	0	0	1	0	1
5457	0	0	0	2	0	2
5458	0	0	1	0	0	1
5459	2	0	1	0	0	3
5460	0	0	0	2	0	2
5461	3	2	0	0	1	6
5462	0	4	0	0	0	4
5463	0	0	0	2	0	2
5464	1	4	0	0	0	5
5465	1	2	0	0	1	4
5466	0	0	2	0	0	2
5467	1	1	0	0	0	2
5468	0	0	0	2	0	2
5469	0	0	2	0	0	2
5470	0	4	0	0	0	4
5471	0	0	4	0	0	4
5472	2	2	0	0	0	4
5473	0	4	0	0	2	6
5474	0	0	0	2	0	2
5475	3	0	1	0	0	4
5476	0	0	2	0	0	2
5477	0	2	0	0	0	2
5478	1	0	0	1	2	4
5479	0	0	2	0	0	2
5480	0	4	0	0	0	4
5481	0	4	0	0	0	4
5482	0	0	1	0	1	2
5483	1	0	1	0	1	3
5484	0	4	0	0	2	6
5485	0	0	1	0	2	3
5486	1	0	0	1	1	3
5487	0	2	0	0	2	4
5488	0	0	0	1	0	1
5489	0	0	0	2	0	2
5490	0	0	0	1	0	1
5491	0	0	1	0	1	2
5492	0	0	0	2	2	4
5493	2	4	0	0	0	6
5494	0	0	2	0	0	2
5495	0	1	0	0	1	2
5496	1	0	1	0	0	2
5497	0	0	0	2	2	4
5498	0	1	0	0	0	1

5499	0	3	0	0	0	3
5500	0	4	0	0	0	4
5501	0	2	0	0	0	2
5502	1	0	2	0	0	3
5503	0	0	0	1	0	1
5504	0	0	2	0	0	2
5505	0	0	2	0	0	2
5506	0	0	0	1	0	1
5507	0	0	1	0	0	1
5508	1	0	0	2	0	3
5509	0	0	0	1	0	1
5510	0	0	2	0	2	4
5511	2	0	1	0	0	3
5512	0	4	0	0	0	4
5513	0	0	4	0	1	5
5514	0	4	0	0	0	4
5515	0	1	0	0	0	1
5516	1	0	1	0	0	2
5517	2	0	2	0	0	4
5518	0	0	0	1	0	1
5519	0	4	0	0	0	4
5520	0	0	1	0	0	1
5521	0	0	0	2	1	3
5522	1	0	1	0	0	2
5523	0	2	0	0	0	2
5524	0	0	0	1	0	1
5525	0	1	0	0	0	1
5526	0	1	0	0	0	1
5527	0	0	1	0	0	1
5528	0	0	0	1	0	1
5529	0	4	0	0	0	4
5530	1	0	0	2	0	3
5531	0	0	0	1	0	1
5532	2	0	0	1	0	3
5533	0	0	1	0	0	1
5534	2	0	2	0	0	4
5535	0	0	0	2	0	2
5536	0	0	0	1	0	1
5537	2	0	1	0	2	5
5538	0	4	0	0	0	4
5539	0	0	0	2	0	2
5540	0	0	0	2	0	2
5541	3	0	1	0	0	4
5542	1	0	0	1	0	2
5543	1	0	2	0	0	3
5544	1	0	0	2	0	3
5545	0	0	2	0	0	2

5546	0	0	0	2	1	3
5547	2	0	2	0	0	4
5548	0	1	0	0	1	2
5549	0	4	0	0	0	4
5550	0	0	1	0	0	1
5551	1	2	0	0	0	3
5552	0	1	0	0	0	1
5553	0	0	2	0	0	2
5554	1	0	0	1	0	2
5555	0	0	0	1	0	1
5556	1	3	0	0	1	5
5557	0	0	0	1	0	1
5558	0	0	0	2	0	2
5559	0	0	0	2	1	3
5560	0	3	0	0	0	3
5561	0	0	0	2	0	2
5562	0	1	0	0	0	1
5563	0	0	1	0	0	1
5564	0	0	1	0	1	2
5565	2	0	0	2	1	5
5566	4	0	2	0	0	6
5567	0	3	0	0	2	5
5568	0	0	0	1	0	1
5569	0	0	0	2	0	2
5570	1	0	1	0	0	2
5571	3	2	0	0	0	5
5572	0	0	2	0	0	2
5573	0	0	0	2	0	2
5574	0	1	0	0	0	1
5575	0	0	0	1	0	1
5576	0	3	0	0	0	3
5577	1	0	2	0	0	3
5578	0	0	0	2	1	3
5579	1	1	0	0	0	2
5580	0	0	1	0	2	3
5581	0	0	0	1	0	1
5582	0	4	0	0	0	4
5583	0	0	0	1	0	1
5584	0	0	1	0	2	3
5585	0	1	0	0	0	1
5586	0	0	2	0	2	4
5587	0	4	0	0	0	4
5588	0	3	0	0	1	4
5589	0	3	0	0	0	3
5590	0	0	1	0	0	1
5591	0	0	2	0	0	2
5592	0	1	0	0	0	1

5593	0	2	0	0	2	4
5594	1	2	0	0	0	3
5595	1	0	0	2	0	3
5596	0	3	0	0	0	3
5597	0	4	0	0	0	4
5598	0	0	0	2	0	2
5599	0	1	0	0	0	1
5600	2	1	0	0	1	4
5601	0	0	0	1	0	1
5602	0	0	0	2	0	2
5603	0	0	1	0	0	1
5604	0	0	2	0	2	4
5605	0	3	0	0	0	3
5606	0	1	0	0	0	1
5607	0	0	1	0	0	1
5608	0	0	0	2	2	4
5609	0	0	2	0	0	2
5610	0	0	0	2	0	2
5611	0	4	0	0	0	4
5612	0	2	0	0	0	2
5613	0	0	1	0	0	1
5614	1	4	0	0	2	7
5615	0	2	0	0	0	2
5616	1	0	0	2	0	3
5617	0	1	0	0	2	3
5618	0	0	0	2	0	2
5619	0	0	2	0	0	2
5620	1	0	1	0	0	2
5621	4	1	0	0	0	5
5622	0	0	0	1	0	1
5623	0	1	0	0	0	1
5624	2	0	4	0	2	8
5625	1	1	0	0	1	3
5626	0	0	2	0	1	3
5627	0	3	0	0	0	3
5628	0	3	0	0	0	3
5629	0	0	0	2	0	2
5630	0	2	0	0	1	3
5631	1	0	1	0	0	2
5632	0	0	0	2	0	2
5633	1	0	2	0	2	5
5634	0	2	0	0	0	2
5635	0	0	0	1	0	1
5636	0	0	0	2	0	2
5637	0	0	1	0	0	1
5638	1	0	2	0	0	3
5639	0	0	0	2	0	2

5640	0	0	2	0	0	2
5641	0	1	0	0	0	1
5642	0	3	0	0	0	3
5643	0	0	1	0	0	1
5644	0	3	0	0	0	3
5645	0	3	0	0	0	3
5646	0	3	0	0	1	4
5647	0	4	0	0	0	4
5648	0	0	0	1	2	3
5649	0	0	0	2	0	2
5650	0	0	2	0	0	2
5651	0	2	0	0	0	2
5652	0	0	0	2	0	2
5653	0	0	0	2	0	2
5654	0	0	1	0	0	1
5655	0	0	2	0	0	2
5656	0	0	2	0	1	3
5657	0	0	1	0	2	3
5658	1	0	0	2	0	3
5659	0	0	0	2	0	2
5660	2	0	0	2	0	4
5661	0	1	0	0	0	1
5662	0	3	0	0	0	3
5663	0	0	0	2	0	2
5664	0	0	0	1	0	1
5665	0	0	1	0	0	1
5666	3	0	1	0	0	4
5667	2	0	0	2	1	5
5668	0	0	1	0	0	1
5669	1	0	0	1	0	2
5670	0	2	0	0	0	2
5671	0	1	0	0	0	1
5672	0	0	2	0	2	4
5673	0	0	0	1	1	2
5674	0	0	0	2	2	4
5675	1	3	0	0	0	4
5676	0	0	0	1	0	1
5677	0	0	0	2	0	2
5678	2	0	2	0	0	4
5679	0	2	0	0	0	2
5680	0	0	4	0	2	6
5681	0	0	2	0	0	2
5682	1	3	0	0	0	4
5683	0	0	2	0	0	2
5684	0	2	0	0	0	2
5685	0	0	2	0	0	2
5686	0	0	1	0	0	1

5687	0	0	1	0	0	1
5688	0	0	1	0	0	1
5689	0	0	0	2	2	4
5690	0	3	0	0	0	3
5691	0	1	0	0	2	3
5692	0	0	2	0	0	2
5693	2	3	0	0	0	5
5694	0	0	0	2	0	2
5695	0	1	0	0	0	1
5696	3	0	0	2	0	5
5697	0	0	0	1	0	1
5698	1	0	3	0	0	4
5699	0	2	0	0	2	4
5700	0	3	0	0	0	3
5701	0	4	0	0	0	4
5702	1	0	0	1	0	2
5703	1	0	1	0	0	2
5704	1	3	0	0	0	4
5705	1	2	0	0	0	3
5706	0	1	0	0	0	1
5707	2	0	2	0	1	5
5708	3	4	0	0	0	7
5709	0	0	0	2	0	2
5710	0	2	0	0	0	2
5711	0	4	0	0	0	4
5712	0	4	0	0	0	4
5713	0	0	1	0	0	1
5714	0	3	0	0	0	3
5715	1	0	0	1	1	3
5716	0	3	0	0	0	3
5717	0	3	0	0	1	4
5718	1	0	2	0	0	3
5719	0	0	0	1	0	1
5720	0	0	0	1	1	2
5721	0	1	0	0	0	1
5722	0	0	1	0	1	2
5723	0	2	0	0	0	2
5724	1	0	2	0	0	3
5725	0	0	0	2	0	2
5726	0	0	0	2	0	2
5727	0	0	0	2	0	2
5728	2	0	0	1	1	4
5729	1	1	0	0	0	2
5730	0	0	1	0	0	1
5731	0	0	1	0	0	1
5732	1	2	0	0	0	3
5733	0	0	0	1	1	2

5734	0	0	2	0	0	2
5735	0	0	2	0	0	2
5736	0	2	0	0	2	4
5737	1	0	2	0	1	4
5738	0	2	0	0	0	2
5739	0	0	1	0	0	1
5740	0	0	0	2	0	2
5741	0	0	1	0	0	1
5742	0	0	1	0	0	1
5743	0	0	1	0	0	1
5744	0	3	0	0	0	3
5745	0	0	2	0	2	4
5746	0	0	1	0	1	2
5747	0	0	2	0	0	2
5748	0	0	0	2	0	2
5749	0	3	0	0	0	3
5750	0	3	0	0	0	3
5751	0	0	3	0	0	3
5752	0	0	0	2	0	2
5753	0	0	2	0	0	2
5754	0	1	0	0	0	1
5755	0	0	2	0	0	2
5756	0	1	0	0	0	1
5757	0	2	0	0	0	2
5758	4	3	0	0	2	9
5759	0	0	0	1	0	1
5760	0	0	0	2	2	4
5761	0	0	0	2	0	2
5762	0	3	0	0	0	3
5763	2	0	3	0	0	5
5764	0	0	2	0	0	2
5765	4	2	0	0	0	6
5766	0	0	0	2	0	2
5767	0	0	2	0	2	4
5768	1	4	0	0	0	5
5769	0	2	0	0	0	2
5770	0	0	2	0	0	2
5771	0	0	3	0	0	3
5772	0	0	0	2	2	4
5773	3	0	2	0	0	5
5774	1	0	2	0	0	3
5775	0	3	0	0	0	3
5776	0	3	0	0	0	3
5777	0	0	0	1	1	2
5778	0	0	1	0	0	1
5779	0	1	0	0	0	1
5780	0	4	0	0	0	4

5781	0	1	0	0	2	3
5782	0	3	0	0	1	4
5783	1	2	0	0	0	3
5784	0	1	0	0	0	1
5785	1	0	0	2	1	4
5786	0	0	0	2	0	2
5787	0	0	2	0	0	2
5788	2	0	0	2	0	4
5789	0	0	0	2	0	2
5790	0	1	0	0	0	1
5791	0	3	0	0	2	5
5792	0	1	0	0	2	3
5793	3	4	0	0	0	7
5794	0	0	0	2	0	2
5795	2	0	0	2	2	6
5796	0	0	0	2	0	2
5797	0	1	0	0	0	1
5798	0	0	0	2	1	3
5799	0	3	0	0	0	3
5800	1	0	0	2	0	3
5801	0	0	2	0	0	2
5802	0	0	0	2	0	2
5803	0	0	1	0	0	1
5804	2	0	0	2	0	4
5805	2	0	1	0	0	3
5806	1	0	0	2	0	3
5807	2	0	0	2	0	4
5808	0	0	0	2	0	2
5809	0	4	0	0	0	4
5810	0	0	4	0	1	5
5811	4	2	0	0	0	6
5812	1	0	1	0	0	2
5813	1	0	0	2	0	3
5814	0	0	2	0	0	2
5815	3	3	0	0	0	6
5816	0	3	0	0	0	3
5817	2	0	1	0	2	5
5818	0	3	0	0	0	3
5819	2	1	0	0	0	3
5820	0	0	0	2	0	2
5821	0	0	2	0	0	2
5822	0	3	0	0	0	3
5823	0	0	1	0	0	1
5824	0	0	0	1	1	2
5825	0	0	0	2	0	2
5826	0	0	0	2	0	2
5827	0	0	0	2	0	2

5828	0	2	0	0	0	2
5829	0	0	1	0	0	1
5830	0	1	0	0	0	1
5831	0	1	0	0	0	1
5832	0	0	0	1	0	1
5833	0	0	0	1	0	1
5834	0	0	1	0	0	1
5835	1	1	0	0	1	3
5836	1	4	0	0	0	5
5837	2	0	0	2	2	6
5838	0	4	0	0	2	6
5839	0	3	0	0	0	3
5840	0	0	0	2	0	2
5841	1	0	1	0	0	2
5842	0	4	0	0	0	4
5843	0	0	4	0	0	4
5844	0	0	2	0	2	4
5845	0	3	0	0	0	3
5846	0	3	0	0	0	3
5847	0	4	0	0	0	4
5848	0	0	0	2	1	3
5849	0	1	0	0	0	1
5850	0	4	0	0	2	6
5851	2	0	1	0	0	3
5852	0	0	0	2	2	4
5853	0	1	0	0	0	1
5854	0	0	0	2	0	2
5855	1	3	0	0	0	4
5856	2	0	0	2	0	4
5857	0	0	0	2	1	3
5858	2	2	0	0	0	4
5859	0	0	0	1	0	1
5860	0	0	0	2	0	2
5861	0	0	3	0	0	3
5862	0	0	0	2	0	2
5863	0	3	0	0	2	5
5864	0	0	0	2	0	2
5865	0	0	0	2	0	2
5866	0	0	2	0	0	2
5867	0	2	0	0	0	2
5868	1	4	0	0	0	5
5869	0	0	0	1	2	3
5870	0	0	0	1	0	1
5871	3	0	0	2	0	5
5872	0	4	0	0	0	4
5873	0	2	0	0	0	2
5874	1	4	0	0	0	5

5875	2	0	1	0	0	3
5876	0	4	0	0	0	4
5877	2	3	0	0	0	5
5878	4	4	0	0	0	8
5879	0	4	0	0	0	4
5880	0	1	0	0	0	1
5881	1	4	0	0	2	7
5882	0	0	0	1	0	1
5883	0	0	0	2	0	2
5884	0	2	0	0	1	3
5885	0	0	3	0	0	3
5886	0	0	0	2	0	2
5887	0	0	1	0	0	1
5888	0	0	0	2	2	4
5889	1	0	0	2	1	4
5890	0	0	0	2	0	2
5891	0	0	1	0	0	1
5892	0	3	0	0	0	3
5893	0	1	0	0	1	2
5894	0	0	0	2	0	2
5895	0	3	0	0	0	3
5896	0	0	0	2	0	2
5897	0	0	1	0	0	1
5898	1	0	2	0	2	5
5899	0	0	0	1	0	1
5900	2	0	0	2	0	4
5901	0	3	0	0	0	3
5902	0	4	0	0	0	4
5903	0	2	0	0	2	4
5904	0	0	0	1	1	2
5905	0	0	1	0	0	1
5906	0	1	0	0	0	1
5907	1	0	2	0	0	3
5908	0	0	2	0	0	2
5909	0	3	0	0	0	3
5910	0	2	0	0	1	3
5911	0	2	0	0	0	2
5912	0	1	0	0	2	3
5913	1	0	2	0	0	3
5914	1	0	0	1	2	4
5915	1	0	0	2	0	3
5916	0	1	0	0	0	1
5917	0	0	2	0	1	3
5918	0	1	0	0	2	3
5919	1	0	0	1	0	2
5920	0	2	0	0	1	3
5921	0	0	1	0	0	1

5922	0	0	1	0	0	1
5923	0	2	0	0	0	2
5924	2	4	0	0	2	8
5925	1	1	0	0	1	3
5926	0	0	2	0	0	2
5927	0	3	0	0	0	3
5928	1	0	0	2	0	3
5929	0	1	0	0	0	1
5930	0	0	2	0	0	2
5931	1	0	2	0	0	3
5932	1	2	0	0	0	3
5933	1	1	0	0	0	2
5934	0	0	0	2	0	2
5935	0	0	0	2	0	2
5936	0	0	0	2	2	4
5937	0	2	0	0	1	3
5938	0	4	0	0	0	4
5939	0	0	1	0	0	1
5940	2	3	0	0	0	5
5941	2	2	0	0	0	4
5942	0	0	0	2	0	2
5943	0	0	0	2	0	2
5944	0	0	1	0	0	1
5945	0	4	0	0	0	4
5946	0	1	0	0	0	1
5947	1	3	0	0	0	4
5948	0	0	2	0	0	2
5949	0	0	0	1	0	1
5950	0	0	0	1	0	1
5951	0	0	0	1	0	1
5952	0	0	1	0	0	1
5953	0	3	0	0	1	4
5954	0	0	0	1	0	1
5955	1	0	1	0	1	3
5956	0	3	0	0	0	3
5957	0	3	0	0	0	3
5958	0	4	0	0	0	4
5959	0	0	2	0	0	2
5960	0	3	0	0	0	3
5961	0	0	0	2	0	2
5962	0	0	2	0	0	2
5963	0	2	0	0	0	2
5964	0	0	0	1	1	2
5965	0	0	0	2	0	2
5966	0	0	0	2	1	3
5967	0	4	0	0	0	4
5968	1	2	0	0	0	3

5969	0	2	0	0	0	2
5970	0	1	0	0	2	3
5971	0	0	3	0	0	3
5972	1	1	0	0	0	2
5973	0	4	0	0	0	4
5974	0	2	0	0	0	2
5975	0	1	0	0	0	1
5976	0	4	0	0	0	4
5977	0	0	1	0	1	2
5978	0	0	0	2	0	2
5979	0	0	2	0	0	2
5980	0	2	0	0	2	4
5981	0	4	0	0	0	4
5982	0	0	0	1	1	2
5983	1	0	1	0	1	3
5984	0	0	2	0	0	2
5985	0	0	0	2	0	2
5986	0	2	0	0	0	2
5987	0	0	2	0	0	2
5988	0	3	0	0	1	4
5989	0	0	2	0	0	2
5990	0	0	1	0	1	2
5991	0	0	0	2	0	2
5992	0	0	0	1	1	2
5993	0	0	0	1	1	2
5994	0	0	0	1	0	1
5995	0	1	0	0	1	2
5996	0	0	1	0	2	3
5997	0	2	0	0	0	2
5998	0	0	0	1	0	1
5999	0	0	0	2	0	2
6000	0	1	0	0	0	1
6001	0	2	0	0	0	2
6002	0	0	2	0	0	2
6003	0	3	0	0	2	5
6004	0	1	0	0	1	2
6005	1	0	1	0	0	2
6006	0	1	0	0	0	1
6007	0	0	0	2	0	2
6008	0	0	2	0	0	2
6009	1	1	0	0	0	2
6010	0	0	1	0	0	1
6011	0	1	0	0	0	1
6012	1	0	2	0	0	3
6013	0	0	1	0	0	1
6014	0	0	1	0	0	1
6015	0	0	1	0	0	1

6016	0	1	0	0	0	1
6017	4	0	0	1	1	6
6018	0	0	0	2	0	2
6019	0	0	1	0	2	3
6020	0	2	0	0	2	4
6021	0	0	0	2	1	3
6022	0	0	1	0	1	2
6023	0	0	0	2	1	3
6024	0	0	0	2	0	2
6025	0	0	0	1	0	1
6026	0	0	2	0	0	2
6027	0	2	0	0	0	2
6028	0	4	0	0	0	4
6029	0	0	0	1	0	1
6030	0	0	0	1	0	1
6031	1	0	2	0	0	3
6032	0	0	0	2	0	2
6033	0	0	0	1	1	2
6034	2	2	0	0	0	4
6035	0	0	0	1	0	1
6036	0	3	0	0	0	3
6037	0	0	0	2	0	2
6038	0	1	0	0	0	1
6039	1	2	0	0	0	3
6040	0	0	0	2	0	2
6041	2	2	0	0	0	4
6042	0	0	2	0	0	2
6043	0	3	0	0	0	3
6044	0	0	0	1	2	3
6045	0	1	0	0	0	1
6046	2	0	2	0	0	4
6047	0	0	0	2	0	2
6048	0	0	0	2	0	2
6049	0	0	3	0	0	3
6050	0	0	2	0	0	2
6051	0	0	2	0	0	2
6052	0	0	1	0	0	1
6053	1	1	0	0	0	2
6054	2	2	0	0	1	5
6055	0	0	0	2	2	4
6056	0	0	0	2	2	4
6057	0	0	2	0	0	2
6058	1	0	0	1	0	2
6059	0	2	0	0	0	2
6060	0	0	4	0	0	4
6061	0	2	0	0	0	2
6062	0	0	0	1	1	2

6063	0	0	0	2	0	2
6064	0	2	0	0	0	2
6065	0	0	0	2	1	3
6066	0	0	0	1	0	1
6067	0	1	0	0	0	1
6068	0	0	1	0	0	1
6069	1	0	0	2	0	3
6070	0	0	2	0	0	2
6071	0	2	0	0	0	2
6072	1	0	0	1	0	2
6073	0	2	0	0	0	2
6074	0	0	0	2	0	2
6075	0	0	0	2	1	3
6076	0	0	0	2	0	2
6077	2	2	0	0	0	4
6078	0	1	0	0	0	1
6079	0	0	0	2	0	2
6080	0	0	0	2	0	2
6081	0	3	0	0	0	3
6082	0	0	1	0	0	1
6083	0	3	0	0	0	3
6084	2	4	0	0	2	8
6085	0	0	0	2	0	2
6086	2	0	3	0	0	5
6087	0	0	0	2	1	3
6088	0	1	0	0	0	1
6089	0	0	0	1	0	1
6090	0	0	0	2	0	2
6091	0	0	1	0	0	1
6092	0	0	1	0	0	1
6093	0	4	0	0	0	4
6094	0	4	0	0	0	4
6095	0	1	0	0	1	2
6096	0	1	0	0	0	1
6097	2	2	0	0	2	6
6098	1	0	0	2	2	5
6099	0	0	2	0	0	2
6100	0	0	2	0	2	4
6101	0	3	0	0	2	5
6102	1	0	4	0	0	5
6103	0	0	0	1	1	2
6104	0	0	0	1	1	2
6105	1	0	0	2	0	3
6106	0	1	0	0	0	1
6107	0	0	0	2	1	3
6108	0	0	0	2	2	4
6109	0	0	4	0	0	4

6110	1	0	0	1	0	2
6111	0	0	2	0	0	2
6112	0	2	0	0	0	2
6113	0	3	0	0	0	3
6114	1	0	4	0	0	5
6115	0	3	0	0	0	3
6116	1	2	0	0	0	3
6117	2	1	0	0	1	4
6118	0	4	0	0	0	4
6119	0	0	0	1	0	1
6120	2	0	1	0	0	3
6121	0	0	0	2	1	3
6122	1	4	0	0	0	5
6123	0	0	0	2	1	3
6124	0	0	2	0	0	2
6125	0	0	1	0	0	1
6126	1	4	0	0	2	7
6127	0	0	2	0	0	2
6128	0	4	0	0	0	4
6129	0	4	0	0	2	6
6130	1	0	2	0	2	5
6131	0	2	0	0	0	2
6132	0	3	0	0	0	3
6133	3	2	0	0	0	5
6134	0	0	0	2	0	2
6135	0	0	1	0	0	1
6136	0	2	0	0	0	2
6137	0	0	1	0	0	1
6138	1	0	1	0	0	2
6139	0	2	0	0	0	2
6140	0	1	0	0	0	1
6141	0	1	0	0	0	1
6142	1	0	1	0	0	2
6143	2	0	0	2	0	4
6144	0	0	1	0	1	2
6145	0	2	0	0	2	4
6146	0	1	0	0	0	1
6147	0	0	0	2	1	3
6148	0	0	1	0	0	1
6149	0	4	0	0	0	4
6150	0	0	2	0	0	2
6151	0	0	1	0	0	1
6152	0	2	0	0	0	2
6153	0	0	0	2	0	2
6154	0	1	0	0	0	1
6155	0	1	0	0	0	1
6156	0	2	0	0	0	2

6157	0	3	0	0	0	3
6158	0	0	0	2	0	2
6159	0	0	2	0	2	4
6160	0	0	0	2	0	2
6161	0	0	2	0	0	2
6162	0	3	0	0	0	3
6163	2	0	2	0	1	5
6164	0	2	0	0	2	4
6165	0	3	0	0	0	3
6166	0	0	0	2	0	2
6167	4	0	0	2	0	6
6168	1	2	0	0	2	5
6169	0	0	2	0	0	2
6170	1	0	0	2	0	3
6171	0	0	0	1	0	1
6172	1	0	0	1	0	2
6173	0	0	0	1	0	1
6174	0	0	0	2	0	2
6175	0	0	1	0	0	1
6176	1	0	2	0	0	3
6177	0	1	0	0	0	1
6178	0	4	0	0	2	6
6179	0	0	0	2	0	2
6180	2	0	2	0	0	4
6181	0	0	1	0	0	1
6182	0	0	0	2	0	2
6183	1	1	0	0	1	3
6184	0	0	1	0	0	1
6185	0	0	2	0	0	2
6186	0	0	3	0	0	3
6187	3	0	0	1	0	4
6188	0	0	0	2	0	2
6189	0	2	0	0	0	2
6190	0	0	0	1	0	1
6191	0	0	1	0	0	1
6192	0	0	2	0	0	2
6193	0	4	0	0	0	4
6194	0	3	0	0	0	3
6195	0	0	2	0	0	2
6196	0	2	0	0	0	2
6197	0	0	0	2	0	2
6198	1	4	0	0	0	5
6199	3	0	1	0	0	4
6200	0	0	0	1	0	1
6201	0	0	2	0	0	2
6202	0	0	2	0	1	3
6203	0	3	0	0	0	3

6204	1	0	0	2	0	3
6205	1	0	4	0	0	5
6206	1	4	0	0	0	5
6207	2	1	0	0	0	3
6208	0	0	1	0	0	1
6209	2	1	0	0	0	3
6210	0	0	1	0	0	1
6211	2	0	1	0	0	3
6212	0	0	2	0	0	2
6213	0	0	0	1	2	3
6214	0	0	0	2	0	2
6215	3	0	0	2	2	7
6216	0	0	0	2	1	3
6217	0	3	0	0	0	3
6218	0	0	2	0	0	2
6219	2	0	0	2	0	4
6220	0	2	0	0	2	4
6221	1	4	0	0	0	5
6222	1	1	0	0	0	2
6223	1	0	2	0	0	3
6224	0	0	1	0	0	1
6225	0	0	2	0	0	2
6226	1	0	4	0	0	5
6227	0	0	1	0	0	1
6228	0	2	0	0	0	2
6229	2	1	0	0	0	3
6230	0	0	2	0	1	3
6231	0	0	2	0	0	2
6232	0	2	0	0	0	2
6233	0	0	1	0	0	1
6234	0	0	0	1	0	1
6235	0	1	0	0	0	1
6236	0	1	0	0	0	1
6237	1	3	0	0	0	4
6238	2	4	0	0	0	6
6239	0	0	0	2	0	2
6240	0	0	0	2	0	2
6241	0	1	0	0	1	2
6242	0	0	1	0	2	3
6243	0	0	0	1	0	1
6244	0	1	0	0	1	2
6245	0	0	0	2	0	2
6246	0	3	0	0	0	3
6247	0	0	1	0	0	1
6248	3	0	0	1	0	4
6249	0	0	0	1	0	1
6250	0	0	0	1	1	2

6251	0	0	0	2	0	2
6252	0	0	1	0	0	1
6253	0	4	0	0	0	4
6254	0	0	0	1	0	1
6255	3	0	0	1	0	4
6256	1	4	0	0	0	5
6257	1	2	0	0	0	3
6258	0	0	0	2	0	2
6259	0	2	0	0	0	2
6260	0	0	0	2	0	2
6261	0	4	0	0	0	4
6262	0	0	0	1	2	3
6263	0	2	0	0	0	2
6264	1	0	0	2	0	3
6265	0	3	0	0	2	5
6266	2	4	0	0	1	7
6267	0	4	0	0	2	6
6268	0	0	1	0	1	2
6269	0	0	2	0	1	3
6270	1	0	0	1	2	4
6271	0	0	0	2	1	3
6272	0	0	2	0	0	2
6273	0	0	1	0	0	1
6274	0	0	0	2	0	2
6275	0	2	0	0	1	3
6276	1	1	0	0	1	3
6277	0	3	0	0	0	3
6278	0	2	0	0	0	2
6279	1	0	0	2	2	5
6280	1	3	0	0	0	4
6281	2	1	0	0	0	3
6282	0	0	3	0	0	3
6283	1	0	0	2	0	3
6284	0	2	0	0	0	2
6285	0	4	0	0	2	6
6286	0	0	1	0	0	1
6287	0	0	2	0	0	2
6288	0	0	0	2	0	2
6289	0	1	0	0	0	1
6290	2	0	0	1	0	3
6291	4	1	0	0	0	5
6292	0	0	1	0	1	2
6293	2	3	0	0	2	7
6294	0	2	0	0	0	2
6295	0	3	0	0	0	3
6296	0	0	0	2	0	2
6297	1	4	0	0	0	5

6298	0	0	3	0	0	3
6299	0	1	0	0	2	3
6300	4	0	3	0	0	7
6301	3	2	0	0	0	5
6302	0	0	0	2	0	2
6303	1	1	0	0	0	2
6304	0	0	1	0	0	1
6305	0	1	0	0	2	3
6306	0	0	2	0	0	2
6307	0	0	0	1	0	1
6308	1	3	0	0	0	4
6309	1	3	0	0	1	5
6310	0	0	0	2	0	2
6311	0	0	1	0	0	1
6312	0	0	0	2	0	2
6313	0	0	1	0	0	1
6314	0	3	0	0	2	5
6315	0	0	1	0	0	1
6316	2	4	0	0	1	7
6317	0	0	1	0	0	1
6318	0	4	0	0	0	4
6319	1	2	0	0	0	3
6320	0	3	0	0	0	3
6321	0	0	1	0	0	1
6322	2	0	2	0	0	4
6323	0	0	0	1	0	1
6324	0	0	0	2	0	2
6325	0	0	2	0	0	2
6326	0	4	0	0	0	4
6327	0	0	2	0	0	2
6328	0	4	0	0	0	4
6329	0	0	2	0	0	2
6330	0	0	0	1	0	1
6331	0	4	0	0	0	4
6332	0	0	0	2	1	3
6333	0	3	0	0	0	3
6334	0	0	0	2	0	2
6335	0	2	0	0	0	2
6336	0	0	0	2	0	2
6337	0	0	0	2	0	2
6338	0	0	1	0	2	3
6339	0	0	2	0	0	2
6340	1	0	0	2	0	3
6341	0	0	0	2	1	3
6342	0	3	0	0	0	3
6343	1	4	0	0	0	5
6344	0	2	0	0	1	3

6345	0	0	0	1	0	1
6346	0	3	0	0	0	3
6347	0	0	0	1	2	3
6348	0	0	1	0	1	2
6349	0	1	0	0	1	2
6350	0	1	0	0	0	1
6351	0	0	0	2	1	3
6352	1	4	0	0	0	5
6353	0	0	0	2	0	2
6354	1	0	0	1	0	2
6355	0	1	0	0	0	1
6356	0	1	0	0	2	3
6357	0	0	0	1	0	1
6358	0	2	0	0	0	2
6359	1	4	0	0	1	6
6360	0	0	0	2	0	2
6361	1	3	0	0	0	4
6362	1	0	0	1	0	2
6363	1	0	1	0	0	2
6364	3	0	0	2	0	5
6365	0	0	0	1	0	1
6366	0	0	2	0	0	2
6367	0	3	0	0	0	3
6368	1	0	1	0	0	2
6369	0	0	0	2	2	4
6370	0	2	0	0	0	2
6371	1	0	0	1	0	2
6372	0	1	0	0	0	1
6373	0	3	0	0	2	5
6374	0	4	0	0	0	4
6375	0	0	3	0	0	3
6376	2	1	0	0	0	3
6377	0	2	0	0	0	2
6378	1	1	0	0	2	4
6379	0	0	0	2	0	2
6380	2	0	1	0	0	3
6381	0	0	1	0	0	1
6382	0	0	0	2	0	2
6383	0	0	0	2	0	2
6384	2	0	0	2	0	4
6385	1	0	0	1	0	2
6386	0	0	0	2	0	2
6387	1	3	0	0	0	4
6388	2	0	0	2	1	5
6389	1	0	0	2	0	3
6390	0	0	0	2	0	2
6391	1	0	0	2	0	3

6392	0	0	0	2	0	2
6393	0	0	2	0	1	3
6394	0	0	1	0	0	1
6395	0	0	2	0	0	2
6396	1	0	0	2	0	3
6397	1	0	1	0	0	2
6398	0	0	0	2	1	3
6399	0	0	0	2	2	4
6400	0	0	2	0	0	2
6401	0	3	0	0	0	3
6402	0	0	2	0	0	2
6403	1	0	3	0	2	6
6404	0	0	0	2	0	2
6405	0	0	0	2	0	2
6406	0	0	0	2	0	2
6407	0	1	0	0	0	1
6408	0	2	0	0	1	3
6409	0	0	0	1	0	1
6410	0	3	0	0	0	3
6411	2	0	0	2	2	6
6412	0	0	0	2	0	2
6413	0	0	0	2	0	2
6414	0	0	0	2	0	2
6415	3	0	0	2	0	5
6416	0	4	0	0	0	4
6417	2	3	0	0	0	5
6418	0	0	2	0	0	2
6419	0	4	0	0	0	4
6420	0	4	0	0	1	5
6421	0	2	0	0	0	2
6422	0	1	0	0	0	1
6423	0	0	2	0	0	2
6424	0	4	0	0	2	6
6425	0	0	1	0	0	1
6426	0	3	0	0	0	3
6427	0	0	1	0	1	2
6428	0	0	0	2	0	2
6429	0	0	0	1	0	1
6430	0	2	0	0	1	3
6431	0	0	2	0	0	2
6432	2	1	0	0	1	4
6433	0	2	0	0	0	2
6434	0	3	0	0	0	3
6435	0	1	0	0	0	1
6436	0	0	2	0	0	2
6437	0	0	2	0	0	2
6438	0	0	0	1	0	1

6439	0	1	0	0	0	1
6440	0	1	0	0	0	1
6441	0	0	1	0	0	1
6442	0	0	0	2	0	2
6443	0	0	0	1	1	2
6444	1	1	0	0	0	2
6445	0	0	1	0	0	1
6446	0	0	0	1	2	3
6447	2	4	0	0	2	8
6448	0	0	0	1	1	2
6449	1	0	2	0	0	3
6450	0	2	0	0	0	2
6451	3	4	0	0	0	7
6452	0	4	0	0	0	4
6453	0	0	3	0	0	3
6454	0	0	2	0	1	3
6455	0	2	0	0	0	2
6456	0	0	1	0	0	1
6457	0	0	0	2	0	2
6458	2	0	2	0	0	4
6459	0	0	0	2	0	2
6460	1	0	2	0	0	3
6461	0	1	0	0	0	1
6462	0	0	1	0	0	1
6463	0	4	0	0	2	6
6464	3	0	0	2	0	5
6465	0	0	2	0	1	3
6466	0	0	2	0	0	2
6467	0	4	0	0	0	4
6468	4	3	0	0	2	9
6469	1	1	0	0	0	2
6470	0	0	1	0	0	1
6471	0	0	0	1	0	1
6472	0	0	2	0	0	2
6473	0	0	0	1	0	1
6474	0	0	2	0	0	2
6475	2	2	0	0	0	4
6476	0	0	3	0	0	3
6477	2	0	0	2	0	4
6478	0	0	4	0	0	4
6479	0	0	0	2	1	3
6480	0	0	0	1	0	1
6481	0	0	1	0	1	2
6482	0	2	0	0	0	2
6483	0	0	2	0	1	3
6484	1	0	0	1	1	3
6485	0	3	0	0	0	3

6486	0	0	0	2	0	2
6487	0	0	2	0	0	2
6488	0	4	0	0	0	4
6489	0	2	0	0	0	2
6490	0	0	1	0	0	1
6491	0	0	0	2	2	4
6492	1	0	2	0	1	4
6493	2	0	1	0	0	3
6494	0	0	0	2	0	2
6495	2	0	2	0	0	4
6496	1	4	0	0	0	5
6497	2	2	0	0	0	4
6498	1	0	1	0	0	2
6499	1	1	0	0	0	2
6500	3	3	0	0	1	7
6501	0	0	1	0	0	1
6502	1	1	0	0	0	2
6503	0	2	0	0	1	3
6504	0	4	0	0	0	4
6505	0	0	1	0	0	1
6506	3	0	0	2	0	5
6507	0	0	0	1	0	1
6508	0	2	0	0	0	2
6509	0	0	1	0	2	3
6510	0	0	0	2	0	2
6511	0	0	2	0	2	4
6512	0	2	0	0	1	3
6513	0	2	0	0	0	2
6514	0	0	0	2	2	4
6515	0	4	0	0	0	4
6516	0	0	0	2	0	2
6517	0	0	0	1	0	1
6518	0	0	1	0	0	1
6519	2	1	0	0	0	3
6520	0	0	0	1	0	1
6521	0	2	0	0	0	2
6522	0	0	1	0	0	1
6523	1	0	0	2	1	4
6524	2	0	0	1	0	3
6525	0	0	1	0	0	1
6526	0	0	0	2	0	2
6527	0	0	0	2	0	2
6528	0	0	1	0	2	3
6529	0	4	0	0	0	4
6530	0	0	0	2	0	2
6531	0	4	0	0	0	4
6532	0	0	2	0	0	2

6533	2	0	0	2	0	4
6534	0	0	2	0	0	2
6535	0	0	1	0	0	1
6536	0	0	0	2	2	4
6537	1	2	0	0	0	3
6538	0	0	1	0	0	1
6539	1	0	0	2	0	3
6540	0	3	0	0	0	3
6541	0	0	1	0	0	1
6542	0	0	2	0	0	2
6543	1	0	0	1	0	2
6544	0	2	0	0	0	2
6545	0	0	1	0	0	1
6546	0	0	0	2	0	2
6547	0	1	0	0	0	1
6548	0	4	0	0	0	4
6549	0	0	0	2	0	2
6550	0	0	1	0	0	1
6551	0	3	0	0	0	3
6552	0	0	0	2	1	3
6553	0	0	4	0	0	4
6554	1	0	1	0	0	2
6555	1	0	0	2	0	3
6556	0	2	0	0	0	2
6557	0	3	0	0	1	4
6558	0	0	3	0	0	3
6559	2	2	0	0	0	4
6560	0	3	0	0	0	3
6561	0	0	1	0	0	1
6562	1	0	0	2	0	3
6563	0	0	0	2	0	2
6564	0	0	1	0	2	3
6565	0	0	1	0	0	1
6566	0	0	1	0	0	1
6567	0	0	1	0	1	2
6568	0	0	0	1	0	1
6569	0	2	0	0	0	2
6570	0	0	0	2	0	2
6571	1	4	0	0	2	7
6572	0	0	1	0	1	2
6573	0	0	0	2	0	2
6574	0	0	0	2	0	2
6575	0	0	0	1	1	2
6576	0	0	0	1	2	3
6577	0	4	0	0	2	6
6578	3	0	0	2	1	6
6579	0	0	0	2	0	2

6580	4	1	0	0	0	5
6581	1	0	0	1	0	2
6582	0	0	0	2	0	2
6583	0	0	0	2	0	2
6584	0	0	0	2	0	2
6585	0	0	0	1	0	1
6586	0	0	0	1	0	1
6587	0	0	2	0	0	2
6588	0	4	0	0	2	6
6589	0	4	0	0	0	4
6590	0	2	0	0	0	2
6591	0	3	0	0	0	3
6592	0	4	0	0	0	4
6593	0	2	0	0	0	2
6594	0	0	2	0	0	2
6595	0	0	1	0	0	1
6596	2	0	0	2	2	6
6597	0	0	0	2	1	3
6598	0	0	1	0	1	2
6599	0	0	2	0	0	2
6600	0	0	0	2	0	2
6601	0	1	0	0	0	1
6602	0	0	2	0	0	2
6603	0	0	2	0	2	4
6604	2	0	2	0	0	4
6605	1	0	0	2	0	3
6606	0	0	1	0	0	1
6607	0	0	4	0	0	4
6608	0	0	0	2	0	2
6609	0	1	0	0	0	1
6610	0	0	2	0	0	2
6611	0	3	0	0	0	3
6612	0	1	0	0	0	1
6613	1	0	0	2	0	3
6614	0	3	0	0	0	3
6615	0	0	0	2	0	2
6616	2	4	0	0	0	6
6617	0	1	0	0	0	1
6618	0	4	0	0	0	4
6619	0	2	0	0	0	2
6620	0	0	1	0	0	1
6621	2	0	1	0	0	3
6622	0	4	0	0	0	4
6623	0	0	1	0	0	1
6624	0	0	2	0	1	3
6625	0	2	0	0	0	2
6626	2	1	0	0	2	5

6627	0	2	0	0	0	2
6628	0	2	0	0	0	2
6629	0	0	2	0	0	2
6630	0	0	1	0	0	1
6631	0	0	0	2	0	2
6632	0	0	0	2	0	2
6633	0	0	2	0	0	2
6634	0	1	0	0	0	1
6635	0	0	1	0	0	1
6636	0	0	2	0	0	2
6637	0	0	0	2	0	2
6638	0	0	1	0	2	3
6639	0	0	2	0	0	2
6640	0	1	0	0	0	1
6641	0	3	0	0	0	3
6642	0	0	2	0	0	2
6643	0	3	0	0	0	3
6644	0	1	0	0	0	1
6645	0	0	2	0	0	2
6646	0	0	1	0	0	1
6647	0	4	0	0	0	4
6648	0	0	0	2	0	2
6649	2	4	0	0	2	8
6650	0	0	1	0	0	1
6651	0	0	2	0	2	4
6652	0	3	0	0	0	3
6653	3	0	0	1	0	4
6654	1	0	0	2	2	5
6655	0	0	1	0	0	1
6656	0	0	0	2	2	4
6657	0	3	0	0	0	3
6658	0	0	0	2	0	2
6659	0	4	0	0	0	4
6660	0	3	0	0	0	3
6661	0	2	0	0	0	2
6662	0	0	2	0	0	2
6663	2	0	3	0	2	7
6664	0	2	0	0	0	2
6665	0	0	1	0	0	1
6666	0	4	0	0	1	5
6667	0	0	2	0	0	2
6668	0	3	0	0	0	3
6669	0	0	0	1	0	1
6670	0	0	1	0	0	1
6671	1	0	2	0	2	5
6672	0	3	0	0	0	3
6673	1	0	1	0	0	2

6674	0	0	0	2	0	2
6675	0	1	0	0	0	1
6676	4	0	0	2	0	6
6677	0	2	0	0	0	2
6678	0	4	0	0	1	5
6679	0	0	0	1	0	1
6680	0	0	2	0	0	2
6681	0	4	0	0	0	4
6682	0	2	0	0	2	4
6683	0	0	0	1	0	1
6684	0	4	0	0	0	4
6685	0	4	0	0	2	6
6686	3	0	1	0	0	4
6687	0	0	1	0	0	1
6688	1	0	0	2	0	3
6689	2	4	0	0	1	7
6690	0	3	0	0	0	3
6691	1	0	0	2	0	3
6692	0	3	0	0	2	5
6693	0	1	0	0	1	2
6694	0	3	0	0	0	3
6695	0	0	0	2	0	2
6696	0	3	0	0	0	3
6697	1	0	0	2	2	5
6698	0	0	3	0	0	3
6699	1	0	2	0	0	3
6700	1	0	0	1	0	2
6701	1	1	0	0	0	2
6702	1	0	0	1	2	4
6703	3	4	0	0	0	7
6704	3	0	1	0	0	4
6705	2	2	0	0	0	4
6706	0	4	0	0	0	4
6707	0	0	0	1	2	3
6708	1	0	2	0	0	3
6709	0	0	0	1	0	1
6710	0	0	2	0	1	3
6711	1	0	2	0	0	3
6712	0	1	0	0	0	1
6713	1	0	4	0	0	5
6714	1	3	0	0	0	4
6715	0	2	0	0	2	4
6716	0	0	1	0	2	3
6717	0	0	0	1	0	1
6718	0	0	2	0	0	2
6719	0	3	0	0	1	4
6720	0	0	2	0	2	4

6721	2	3	0	0	2	7
6722	0	0	0	2	1	3
6723	1	3	0	0	0	4
6724	1	0	0	2	0	3
6725	0	4	0	0	1	5
6726	0	1	0	0	0	1
6727	1	0	0	1	1	3
6728	0	0	0	2	0	2
6729	3	0	1	0	2	6
6730	1	0	0	1	2	4
6731	0	0	1	0	0	1
6732	0	0	1	0	0	1
6733	0	3	0	0	0	3
6734	2	0	1	0	0	3
6735	0	0	1	0	0	1
6736	0	3	0	0	0	3
6737	2	0	2	0	0	4
6738	2	0	0	2	2	6
6739	0	0	0	1	0	1
6740	0	0	0	2	2	4
6741	0	1	0	0	1	2
6742	4	0	2	0	0	6
6743	3	2	0	0	0	5
6744	0	1	0	0	1	2
6745	1	4	0	0	0	5
6746	0	0	1	0	0	1
6747	0	1	0	0	0	1
6748	0	4	0	0	0	4
6749	0	0	0	2	2	4
6750	0	0	0	1	1	2
6751	0	0	2	0	1	3
6752	2	0	0	1	0	3
6753	0	0	0	1	0	1
6754	0	0	0	2	1	3
6755	1	0	0	2	0	3
6756	0	0	0	2	0	2
6757	0	0	0	1	0	1
6758	0	0	2	0	0	2
6759	0	4	0	0	2	6
6760	0	0	0	2	2	4
6761	2	1	0	0	0	3
6762	1	4	0	0	0	5
6763	0	2	0	0	0	2
6764	0	0	0	1	1	2
6765	0	3	0	0	0	3
6766	0	1	0	0	0	1
6767	1	2	0	0	1	4

6768	0	0	2	0	0	2
6769	0	2	0	0	0	2
6770	0	0	2	0	0	2
6771	0	0	0	2	0	2
6772	0	2	0	0	0	2
6773	4	4	0	0	1	9
6774	2	0	1	0	1	4
6775	0	0	2	0	0	2
6776	0	0	0	2	0	2
6777	0	3	0	0	0	3
6778	0	4	0	0	0	4
6779	2	1	0	0	2	5
6780	0	0	0	2	0	2
6781	0	4	0	0	0	4
6782	1	0	1	0	1	3
6783	0	0	2	0	0	2
6784	3	3	0	0	0	6
6785	0	3	0	0	0	3
6786	0	0	0	2	0	2
6787	0	0	2	0	2	4
6788	0	0	0	2	1	3
6789	0	4	0	0	0	4
6790	0	0	2	0	2	4
6791	0	0	0	2	0	2
6792	0	0	1	0	0	1
6793	0	0	1	0	1	2
6794	0	3	0	0	0	3
6795	0	0	1	0	0	1
6796	0	4	0	0	1	5
6797	0	2	0	0	0	2
6798	0	3	0	0	0	3
6799	0	0	0	2	0	2
6800	0	2	0	0	0	2
6801	2	0	0	2	2	6
6802	0	0	0	2	0	2
6803	0	0	2	0	0	2
6804	1	0	0	2	1	4
6805	0	0	0	2	0	2
6806	0	4	0	0	1	5
6807	1	2	0	0	0	3
6808	0	0	3	0	1	4
6809	0	0	4	0	0	4
6810	0	0	2	0	0	2
6811	0	0	0	1	0	1
6812	0	0	0	1	1	2
6813	1	0	2	0	0	3
6814	0	0	0	2	0	2

6815	0	2	0	0	0	2
6816	0	0	2	0	0	2
6817	0	1	0	0	0	1
6818	0	2	0	0	0	2
6819	2	0	0	1	1	4
6820	1	4	0	0	0	5
6821	0	1	0	0	0	1
6822	1	2	0	0	0	3
6823	0	4	0	0	1	5
6824	1	1	0	0	0	2
6825	0	0	0	2	0	2
6826	1	0	1	0	0	2
6827	0	3	0	0	0	3
6828	0	3	0	0	0	3
6829	0	0	0	2	0	2
6830	0	3	0	0	0	3
6831	0	3	0	0	0	3
6832	0	1	0	0	0	1
6833	0	1	0	0	0	1
6834	0	3	0	0	0	3
6835	0	0	0	2	0	2
6836	0	2	0	0	0	2
6837	2	0	1	0	0	3
6838	0	0	0	2	0	2
6839	0	2	0	0	0	2
6840	1	1	0	0	0	2
6841	0	0	2	0	0	2
6842	0	0	0	1	2	3
6843	1	0	0	2	0	3
6844	4	0	2	0	0	6
6845	0	0	1	0	0	1
6846	0	1	0	0	0	1
6847	1	0	2	0	0	3
6848	0	0	2	0	0	2
6849	0	0	0	1	0	1
6850	0	1	0	0	2	3
6851	3	1	0	0	1	5
6852	0	0	0	2	0	2
6853	0	0	0	1	0	1
6854	2	0	0	2	0	4
6855	1	3	0	0	0	4
6856	0	4	0	0	1	5
6857	3	1	0	0	1	5
6858	1	0	0	0	2	3
6859	0	3	0	0	2	5
6860	0	0	2	0	0	2
6861	0	0	1	0	0	1

6862	0	0	0	2	0	2
6863	1	0	1	0	0	2
6864	0	0	1	0	0	1
6865	0	1	0	0	1	2
6866	0	1	0	0	0	1
6867	1	0	0	2	0	3
6868	0	1	0	0	0	1
6869	1	4	0	0	1	6
6870	0	4	0	0	0	4
6871	0	1	0	0	0	1
6872	3	3	0	0	0	6
6873	0	0	0	2	0	2
6874	0	0	2	0	0	2
6875	0	0	3	0	0	3
6876	0	4	0	0	2	6
6877	0	0	0	1	0	1
6878	0	3	0	0	0	3
6879	0	3	0	0	0	3
6880	0	0	0	2	2	4
6881	0	4	0	0	0	4
6882	0	3	0	0	0	3
6883	0	3	0	0	0	3
6884	1	0	1	0	0	2
6885	1	1	0	0	0	2
6886	2	0	0	1	0	3
6887	0	0	2	0	0	2
6888	0	0	1	0	0	1
6889	0	3	0	0	0	3
6890	2	2	0	0	1	5
6891	0	3	0	0	0	3
6892	0	3	0	0	0	3
6893	0	0	0	1	0	1
6894	1	0	0	2	0	3
6895	0	1	0	0	0	1
6896	0	0	0	2	0	2
6897	1	3	0	0	0	4
6898	0	0	1	0	0	1
6899	0	2	0	0	0	2
6900	0	0	2	0	0	2
6901	0	0	0	1	0	1
6902	0	0	1	0	0	1
6903	0	4	0	0	0	4
6904	1	0	1	0	0	2
6905	0	0	0	2	1	3
6906	0	3	0	0	0	3
6907	0	0	0	1	2	3
6908	0	0	1	0	0	1

6909	0	3	0	0	0	3
6910	0	3	0	0	0	3
6911	0	2	0	0	2	4
6912	0	4	0	0	1	5
6913	3	0	0	2	0	5
6914	0	4	0	0	2	6
6915	0	0	0	2	0	2
6916	0	0	0	2	0	2
6917	1	2	0	0	0	3
6918	0	0	0	2	0	2
6919	0	0	0	1	0	1
6920	0	3	0	0	0	3
6921	2	0	0	2	2	6
6922	0	0	0	1	0	1
6923	0	0	0	2	2	4
6924	1	1	0	0	0	2
6925	0	0	0	1	0	1
6926	1	0	0	1	0	2
6927	0	0	2	0	0	2
6928	0	1	0	0	0	1
6929	0	2	0	0	0	2
6930	0	0	0	1	0	1
6931	0	1	0	0	0	1
6932	0	0	1	0	1	2
6933	3	3	0	0	0	6
6934	0	0	0	2	1	3
6935	0	2	0	0	0	2
6936	0	0	2	0	0	2
6937	1	0	2	0	1	4
6938	0	0	2	0	0	2
6939	0	0	2	0	1	3
6940	0	0	2	0	0	2
6941	0	0	0	2	0	2
6942	0	0	1	0	0	1
6943	1	1	0	0	0	2
6944	2	4	0	0	1	7
6945	0	2	0	0	0	2
6946	0	0	1	0	0	1
6947	0	0	1	0	0	1
6948	0	0	2	0	0	2
6949	3	4	0	0	0	7
6950	0	4	0	0	0	4
6951	0	0	3	0	0	3
6952	0	3	0	0	2	5
6953	0	1	0	0	0	1
6954	0	3	0	0	0	3
6955	1	0	0	1	0	2

6956	0	0	0	2	0	2
6957	0	0	2	0	0	2
6958	0	0	1	0	0	1
6959	0	0	2	0	0	2
6960	0	1	0	0	2	3
6961	0	0	0	1	0	1
6962	0	3	0	0	0	3
6963	0	0	0	1	0	1
6964	0	0	0	2	0	2
6965	3	1	0	0	0	4
6966	1	0	1	0	1	3
6967	0	0	0	2	2	4
6968	0	0	2	0	0	2
6969	0	4	0	0	0	4
6970	0	0	0	1	0	1
6971	2	0	2	0	0	4
6972	1	3	0	0	0	4
6973	0	3	0	0	0	3
6974	0	2	0	0	1	3
6975	0	0	0	1	1	2
6976	2	0	1	0	0	3
6977	1	0	0	2	0	3
6978	0	0	0	2	0	2
6979	0	0	0	2	0	2
6980	0	0	2	0	0	2
6981	1	0	0	1	0	2
6982	0	0	0	1	0	1
6983	1	0	1	0	0	2
6984	0	3	0	0	2	5
6985	0	0	0	2	0	2
6986	0	4	0	0	0	4
6987	0	0	0	2	0	2
6988	1	0	1	0	0	2
6989	1	0	0	1	0	2
6990	0	2	0	0	2	4
6991	0	0	2	0	0	2
6992	0	4	0	0	0	4
6993	1	0	0	2	0	3
6994	1	0	0	2	0	3
6995	0	0	0	2	0	2
6996	0	0	1	0	1	2
6997	0	0	0	1	0	1
6998	0	0	1	0	0	1
6999	0	2	0	0	0	2
7000	0	0	1	0	0	1
7001	0	0	1	0	0	1
7002	2	0	1	0	0	3

7003	0	0	0	1	0	1
7004	2	0	2	0	0	4
7005	0	2	0	0	0	2
7006	2	0	0	2	0	4
7007	0	3	0	0	2	5
7008	0	3	0	0	0	3
7009	0	0	0	1	2	3
7010	0	0	0	1	0	1
7011	0	4	0	0	0	4
7012	0	0	0	1	0	1
7013	1	1	0	0	0	2
7014	0	1	0	0	0	1
7015	1	2	0	0	0	3
7016	0	0	2	0	0	2
7017	0	4	0	0	2	6
7018	0	0	0	2	0	2
7019	0	0	2	0	0	2
7020	1	0	0	2	0	3
7021	0	0	1	0	0	1
7022	1	1	0	0	0	2
7023	0	0	0	2	2	4
7024	0	0	1	0	0	1
7025	0	4	0	0	0	4
7026	1	0	2	0	0	3
7027	0	3	0	0	0	3
7028	0	0	1	0	0	1
7029	0	0	0	1	1	2
7030	0	0	1	0	0	1
7031	0	4	0	0	2	6
7032	0	3	0	0	1	4
7033	0	0	0	1	0	1
7034	0	0	0	2	0	2
7035	0	0	0	1	0	1
7036	0	4	0	0	0	4
7037	0	0	1	0	0	1
7038	0	0	1	0	0	1
7039	2	0	2	0	0	4
7040	0	1	0	0	0	1
7041	0	4	0	0	0	4
7042	0	0	1	0	1	2
7043	0	0	1	0	0	1
7044	0	0	0	1	1	2
7045	2	0	0	2	0	4
7046	0	1	0	0	0	1
7047	0	1	0	0	0	1
7048	1	0	1	0	0	2
7049	0	3	0	0	0	3

7050	0	0	0	2	0	2
7051	0	3	0	0	0	3
7052	0	2	0	0	0	2
7053	0	0	0	1	0	1
7054	0	3	0	0	0	3
7055	0	0	1	0	0	1
7056	0	0	0	2	0	2
7057	0	0	1	0	0	1
7058	0	4	0	0	0	4
7059	0	0	0	2	2	4
7060	0	0	0	1	0	1
7061	0	0	0	2	0	2
7062	0	0	2	0	0	2
7063	1	0	0	1	0	2
7064	0	0	2	0	0	2
7065	0	4	0	0	2	6
7066	0	4	0	0	0	4
7067	1	0	3	0	2	6
7068	0	0	0	2	1	3
7069	0	0	2	0	0	2
7070	1	4	0	0	0	5
7071	1	0	0	2	2	5
7072	0	2	0	0	0	2
7073	0	0	1	0	0	1
7074	0	0	0	2	0	2
7075	0	1	0	0	1	2
7076	0	4	0	0	0	4
7077	0	0	0	2	2	4
7078	0	2	0	0	0	2
7079	0	2	0	0	0	2
7080	1	3	0	0	0	4
7081	0	4	0	0	0	4
7082	0	4	0	0	0	4
7083	0	4	0	0	0	4
7084	0	1	0	0	0	1
7085	0	0	0	2	0	2
7086	0	2	0	0	0	2
7087	0	3	0	0	2	5
7088	0	0	1	0	1	2
7089	0	0	0	2	0	2
7090	0	0	0	1	0	1
7091	0	0	0	1	0	1
7092	1	4	0	0	1	6
7093	0	0	0	2	0	2
7094	0	0	1	0	0	1
7095	1	0	0	2	0	3
7096	0	0	0	2	2	4

7097	0	0	2	0	0	2
7098	0	1	0	0	2	3
7099	0	0	1	0	0	1
7100	0	0	1	0	0	1
7101	2	3	0	0	0	5
7102	0	1	0	0	0	1
7103	0	0	2	0	0	2
7104	1	0	2	0	0	3
7105	1	0	0	2	0	3
7106	0	3	0	0	0	3
7107	0	1	0	0	0	1
7108	1	0	0	1	0	2
7109	0	1	0	0	1	2
7110	2	1	0	0	2	5
7111	1	2	0	0	1	4
7112	3	4	0	0	0	7
7113	0	1	0	0	0	1
7114	0	0	2	0	0	2
7115	0	0	0	2	0	2
7116	3	4	0	0	0	7
7117	0	0	1	0	2	3
7118	1	3	0	0	0	4
7119	0	3	0	0	0	3
7120	0	0	0	2	0	2
7121	1	2	0	0	0	3
7122	1	1	0	0	0	2
7123	0	2	0	0	1	3
7124	0	0	0	2	0	2
7125	0	0	0	1	0	1
7126	1	2	0	0	0	3
7127	1	0	0	2	0	3
7128	1	0	2	0	0	3
7129	1	0	2	0	0	3
7130	3	0	0	2	0	5
7131	0	0	0	2	0	2
7132	0	0	0	1	0	1
7133	0	1	0	0	0	1
7134	0	0	0	1	0	1
7135	0	3	0	0	0	3
7136	0	2	0	0	0	2
7137	0	0	1	0	2	3
7138	0	0	0	2	0	2
7139	3	3	0	0	0	6
7140	0	0	3	0	2	5
7141	0	1	0	0	0	1
7142	0	0	0	2	2	4
7143	0	0	0	1	1	2

7144	0	0	1	0	0	1
7145	0	0	1	0	0	1
7146	0	0	0	2	2	4
7147	3	0	0	1	0	4
7148	0	0	1	0	0	1
7149	0	0	3	0	0	3
7150	0	0	1	0	2	3
7151	0	0	2	0	1	3
7152	1	0	2	0	0	3
7153	2	0	0	1	0	3
7154	0	0	0	1	2	3
7155	0	0	4	0	0	4
7156	2	4	0	0	0	6
7157	1	0	0	1	2	4
7158	1	0	1	0	0	2
7159	0	0	2	0	0	2
7160	0	2	0	0	0	2
7161	0	0	2	0	0	2
7162	0	2	0	0	0	2
7163	0	2	0	0	0	2
7164	0	0	0	2	0	2
7165	0	4	0	0	1	5
7166	0	0	2	0	0	2
7167	1	0	1	0	1	3
7168	0	1	0	0	0	1
7169	0	4	0	0	0	4
7170	0	0	0	1	0	1
7171	1	2	0	0	0	3
7172	2	0	0	2	0	4
7173	3	0	0	2	0	5
7174	0	3	0	0	0	3
7175	0	2	0	0	2	4
7176	1	2	0	0	0	3
7177	0	1	0	0	1	2
7178	0	0	3	0	0	3
7179	0	4	0	0	0	4
7180	0	0	0	2	0	2
7181	4	3	0	0	2	9
7182	1	0	2	0	2	5
7183	0	0	0	2	0	2
7184	0	0	1	0	0	1
7185	0	0	2	0	0	2
7186	0	0	0	2	0	2
7187	0	0	1	0	1	2
7188	0	4	0	0	0	4
7189	0	0	0	2	0	2
7190	2	0	0	2	0	4

7191	3	0	1	0	0	4
7192	0	0	4	0	0	4
7193	0	0	0	2	0	2
7194	1	2	0	0	0	3
7195	0	0	2	0	0	2
7196	0	0	0	2	0	2
7197	2	0	0	1	0	3
7198	0	2	0	0	2	4
7199	0	1	0	0	0	1
7200	0	3	0	0	1	4
7201	1	0	2	0	1	4
7202	3	0	0	2	0	5
7203	0	0	4	0	0	4
7204	0	0	0	1	1	2
7205	0	0	2	0	0	2
7206	0	3	0	0	0	3
7207	0	0	2	0	0	2
7208	2	0	2	0	0	4
7209	0	0	2	0	0	2
7210	0	0	1	0	0	1
7211	0	0	3	0	2	5
7212	1	2	0	0	0	3
7213	0	0	1	0	0	1
7214	1	0	0	2	0	3
7215	0	4	0	0	0	4
7216	1	4	0	0	1	6
7217	0	0	0	2	1	3
7218	0	0	0	1	0	1
7219	0	4	0	0	2	6
7220	0	0	0	2	0	2
7221	1	0	1	0	0	2
7222	1	0	1	0	2	4
7223	1	1	0	0	0	2
7224	0	1	0	0	0	1
7225	0	0	0	2	0	2
7226	0	0	0	2	2	4
7227	1	0	1	0	0	2
7228	0	0	1	0	0	1
7229	0	0	0	2	1	3
7230	0	0	0	2	0	2
7231	0	4	0	0	2	6
7232	2	0	0	1	1	4
7233	0	2	0	0	0	2
7234	0	0	0	2	1	3
7235	1	0	1	0	0	2
7236	0	0	1	0	0	1
7237	0	1	0	0	0	1

7238	3	4	0	0	0	7
7239	0	0	0	1	0	1
7240	0	0	0	1	0	1
7241	0	0	0	2	0	2
7242	0	0	0	2	1	3
7243	0	0	1	0	0	1
7244	1	0	2	0	0	3
7245	2	0	1	0	0	3
7246	0	2	0	0	0	2
7247	0	4	0	0	0	4
7248	3	1	0	0	0	4
7249	1	3	0	0	2	6
7250	0	2	0	0	0	2
7251	0	0	3	0	0	3
7252	0	0	0	2	2	4
7253	2	0	3	0	1	6
7254	0	0	0	1	2	3
7255	3	0	0	2	0	5
7256	0	1	0	0	0	1
7257	0	0	2	0	0	2
7258	0	0	0	2	0	2
7259	0	0	0	2	1	3
7260	0	4	0	0	0	4
7261	0	0	2	0	0	2
7262	2	4	0	0	0	6
7263	3	0	1	0	2	6
7264	0	0	0	1	0	1
7265	0	3	0	0	0	3
7266	0	0	2	0	0	2
7267	0	0	0	1	2	3
7268	0	0	0	1	1	2
7269	0	0	2	0	0	2
7270	0	0	1	0	0	1
7271	0	0	0	2	0	2
7272	0	2	0	0	0	2
7273	2	1	0	0	0	3
7274	0	0	0	2	0	2
7275	0	2	0	0	0	2
7276	1	0	0	2	2	5
7277	0	0	0	2	0	2
7278	2	0	2	0	0	4
7279	0	0	1	0	0	1
7280	1	0	1	0	0	2
7281	1	0	2	0	0	3
7282	0	0	2	0	0	2
7283	0	2	0	0	0	2
7284	0	0	0	2	0	2

7285	0	0	0	1	2	3
7286	0	0	0	2	2	4
7287	2	2	0	0	0	4
7288	0	0	1	0	0	1
7289	2	0	0	2	0	4
7290	0	0	0	2	0	2
7291	0	4	0	0	0	4
7292	1	0	0	1	0	2
7293	1	0	1	0	0	2
7294	0	0	1	0	0	1
7295	0	3	0	0	0	3
7296	1	0	2	0	0	3
7297	0	0	0	2	0	2
7298	2	0	0	2	0	4
7299	0	0	1	0	0	1
7300	1	4	0	0	0	5
7301	0	0	0	1	0	1
7302	0	0	4	0	1	5
7303	0	1	0	0	0	1
7304	0	0	0	2	0	2
7305	3	3	0	0	0	6
7306	0	0	1	0	0	1
7307	1	4	0	0	0	5
7308	0	0	0	2	0	2
7309	1	0	0	1	0	2
7310	4	1	0	0	0	5
7311	0	0	0	1	0	1
7312	0	0	0	2	0	2
7313	0	0	0	1	1	2
7314	0	2	0	0	0	2
7315	0	0	0	2	0	2
7316	0	0	2	0	0	2
7317	0	0	1	0	2	3
7318	0	1	0	0	0	1
7319	1	0	1	0	0	2
7320	1	2	0	0	0	3
7321	0	4	0	0	0	4
7322	0	0	0	2	0	2
7323	1	2	0	0	0	3
7324	3	1	0	0	0	4
7325	0	0	0	2	0	2
7326	0	0	2	0	0	2
7327	0	0	0	2	0	2
7328	0	1	0	0	0	1
7329	0	0	2	0	0	2
7330	0	0	2	0	0	2
7331	1	0	0	2	0	3

7332	0	0	3	0	2	5
7333	0	0	0	2	0	2
7334	0	0	2	0	0	2
7335	0	0	0	2	0	2
7336	0	0	0	2	0	2
7337	0	0	2	0	0	2
7338	1	0	0	1	0	2
7339	4	0	1	0	0	5
7340	0	0	2	0	0	2
7341	0	0	2	0	0	2
7342	0	0	1	0	0	1
7343	2	0	4	0	0	6
7344	0	1	0	0	0	1
7345	1	0	1	0	2	4
7346	0	0	0	1	0	1
7347	0	4	0	0	0	4
7348	0	0	2	0	0	2
7349	0	1	0	0	0	1
7350	0	1	0	0	0	1
7351	0	2	0	0	0	2
7352	0	0	0	1	0	1
7353	0	1	0	0	0	1
7354	0	0	0	2	0	2
7355	0	0	2	0	0	2
7356	0	2	0	0	1	3
7357	0	0	0	2	0	2
7358	3	0	1	0	1	5
7359	0	2	0	0	1	3
7360	0	3	0	0	0	3
7361	0	0	1	0	0	1
7362	0	0	0	1	2	3
7363	0	3	0	0	0	3
7364	0	0	0	1	0	1
7365	0	0	0	2	0	2
7366	0	0	1	0	0	1
7367	0	4	0	0	0	4
7368	0	4	0	0	0	4
7369	0	4	0	0	0	4
7370	1	1	0	0	0	2
7371	0	0	0	2	0	2
7372	0	4	0	0	0	4
7373	0	0	2	0	0	2
7374	1	0	0	1	0	2
7375	0	0	1	0	0	1
7376	0	0	1	0	0	1
7377	0	0	1	0	0	1
7378	1	3	0	0	0	4

7379	1	3	0	0	0	4
7380	0	0	2	0	0	2
7381	3	0	0	2	0	5
7382	1	0	1	0	1	3
7383	0	0	2	0	0	2
7384	0	0	0	2	1	3
7385	0	3	0	0	0	3
7386	0	0	0	2	0	2
7387	0	0	1	0	0	1
7388	0	0	0	1	0	1
7389	2	0	1	0	0	3
7390	0	0	0	2	1	3
7391	0	0	0	2	2	4
7392	0	0	0	2	1	3
7393	0	0	0	2	0	2
7394	0	0	0	2	0	2
7395	0	2	0	0	0	2
7396	1	4	0	0	0	5
7397	0	3	0	0	0	3
7398	0	0	2	0	0	2
7399	0	0	1	0	0	1
7400	0	0	0	1	0	1
7401	1	0	0	1	0	2
7402	0	0	0	2	0	2
7403	0	4	0	0	0	4
7404	1	4	0	0	2	7
7405	0	0	1	0	0	1
7406	3	0	0	2	0	5
7407	3	0	3	0	0	6
7408	3	1	0	0	0	4
7409	2	0	1	0	1	4
7410	0	4	0	0	0	4
7411	0	0	0	2	0	2
7412	1	1	0	0	0	2
7413	0	0	0	1	0	1
7414	0	0	0	1	1	2
7415	0	0	0	2	0	2
7416	0	2	0	0	0	2
7417	2	0	1	0	0	3
7418	0	0	2	0	0	2
7419	0	1	0	0	0	1
7420	1	0	0	2	0	3
7421	0	4	0	0	1	5
7422	0	0	0	2	0	2
7423	1	2	0	0	1	4
7424	1	0	0	1	0	2
7425	0	2	0	0	1	3

7426	2	0	2	0	2	6
7427	1	0	1	0	0	2
7428	0	0	2	0	0	2
7429	0	0	1	0	0	1
7430	0	2	0	0	1	3
7431	1	0	0	1	0	2
7432	0	0	0	1	0	1
7433	0	0	0	2	0	2
7434	0	1	0	0	0	1
7435	0	0	0	2	0	2
7436	0	2	0	0	0	2
7437	0	0	2	0	1	3
7438	1	0	0	2	0	3
7439	0	0	0	1	2	3
7440	2	0	2	0	0	4
7441	2	2	0	0	0	4
7442	0	0	0	2	0	2
7443	0	0	0	2	2	4
7444	0	0	0	2	0	2
7445	0	0	2	0	0	2
7446	1	3	0	0	0	4
7447	0	1	0	0	0	1
7448	0	3	0	0	0	3
7449	3	0	0	2	0	5
7450	0	0	1	0	0	1
7451	2	0	1	0	0	3
7452	2	3	0	0	0	5
7453	0	0	0	1	0	1
7454	0	3	0	0	0	3
7455	0	0	2	0	0	2
7456	0	3	0	0	0	3
7457	0	0	1	0	0	1
7458	2	4	0	0	0	6
7459	0	0	3	0	0	3
7460	0	4	0	0	0	4
7461	0	3	0	0	0	3
7462	2	1	0	0	0	3
7463	0	2	0	0	1	3
7464	0	0	0	1	0	1
7465	0	0	0	2	0	2
7466	0	3	0	0	1	4
7467	0	0	0	2	1	3
7468	0	0	0	2	0	2
7469	0	3	0	0	0	3
7470	1	0	0	1	2	4
7471	0	2	0	0	0	2
7472	0	1	0	0	0	1

7473	0	0	0	2	0	2
7474	0	1	0	0	0	1
7475	0	0	0	2	2	4
7476	0	2	0	0	1	3
7477	1	4	0	0	0	5
7478	2	0	2	0	0	4
7479	0	0	2	0	0	2
7480	0	3	0	0	0	3
7481	0	0	0	2	0	2
7482	0	4	0	0	0	4
7483	0	1	0	0	0	1
7484	1	4	0	0	0	5
7485	0	0	1	0	1	2
7486	0	0	2	0	0	2
7487	0	0	0	1	1	2
7488	0	0	1	0	0	1
7489	0	0	2	0	0	2
7490	1	2	0	0	0	3
7491	0	0	0	1	0	1
7492	0	2	0	0	2	4
7493	0	0	0	2	0	2
7494	0	0	0	2	1	3
7495	0	0	0	2	0	2
7496	0	0	0	2	0	2
7497	0	2	0	0	0	2
7498	1	3	0	0	0	4
7499	2	2	0	0	1	5
7500	0	4	0	0	0	4
7501	0	0	2	0	1	3
7502	0	3	0	0	1	4
7503	2	1	0	0	1	4
7504	0	1	0	0	0	1
7505	0	0	1	0	0	1
7506	0	0	1	0	0	1
7507	0	0	2	0	0	2
7508	0	3	0	0	2	5
7509	0	0	2	0	2	4
7510	0	0	0	1	0	1
7511	0	4	0	0	0	4
7512	2	1	0	0	0	3
7513	0	2	0	0	0	2
7514	0	0	0	1	0	1
7515	0	4	0	0	1	5
7516	2	0	2	0	0	4
7517	0	0	0	2	0	2
7518	0	3	0	0	2	5
7519	0	0	0	1	0	1

7520	0	0	0	2	2	4
7521	0	0	0	1	1	2
7522	0	0	0	1	0	1
7523	1	1	0	0	0	2
7524	0	0	0	1	0	1
7525	0	1	0	0	0	1
7526	0	4	0	0	1	5
7527	2	2	0	0	0	4
7528	0	0	2	0	2	4
7529	0	0	0	2	0	2
7530	2	0	0	2	0	4
7531	1	0	2	0	0	3
7532	1	3	0	0	0	4
7533	0	3	0	0	0	3
7534	0	0	3	0	0	3
7535	0	0	0	2	0	2
7536	3	2	0	0	0	5
7537	0	0	0	2	1	3
7538	0	4	0	0	2	6
7539	2	4	0	0	0	6
7540	0	0	1	0	1	2
7541	0	0	2	0	0	2
7542	0	0	1	0	0	1
7543	0	1	0	0	0	1
7544	0	3	0	0	0	3
7545	0	3	0	0	0	3
7546	0	1	0	0	0	1
7547	1	0	4	0	0	5
7548	1	1	0	0	2	4
7549	0	3	0	0	0	3
7550	0	0	0	2	0	2
7551	0	0	2	0	0	2
7552	1	2	0	0	0	3
7553	1	0	1	0	0	2
7554	0	0	3	0	0	3
7555	0	0	2	0	1	3
7556	0	1	0	0	1	2
7557	1	0	0	2	2	5
7558	2	0	2	0	0	4
7559	0	0	1	0	0	1
7560	1	0	0	2	1	4
7561	0	0	2	0	0	2
7562	0	2	0	0	0	2
7563	2	0	1	0	1	4
7564	0	0	0	2	0	2
7565	2	2	0	0	0	4
7566	0	2	0	0	2	4

7567	1	3	0	0	1	5
7568	0	0	2	0	0	2
7569	2	1	0	0	1	4
7570	0	4	0	0	0	4
7571	0	4	0	0	0	4
7572	0	0	0	2	0	2
7573	0	3	0	0	0	3
7574	0	4	0	0	1	5
7575	0	0	2	0	0	2
7576	3	0	0	1	0	4
7577	0	0	2	0	0	2
7578	0	0	0	1	0	1
7579	0	0	1	0	0	1
7580	2	0	0	2	0	4
7581	0	4	0	0	0	4
7582	0	0	3	0	2	5
7583	0	0	0	2	1	3
7584	0	0	2	0	0	2
7585	0	0	2	0	0	2
7586	1	0	1	0	0	2
7587	1	1	0	0	1	3
7588	1	2	0	0	0	3
7589	0	0	0	1	0	1
7590	1	0	0	2	0	3
7591	0	1	0	0	2	3
7592	0	2	0	0	1	3
7593	0	0	0	2	0	2
7594	0	0	1	0	0	1
7595	1	0	0	1	0	2
7596	0	0	0	1	0	1
7597	0	0	0	2	0	2
7598	0	0	1	0	0	1
7599	0	0	0	1	1	2
7600	0	0	2	0	2	4
7601	0	0	0	1	1	2
7602	0	0	1	0	0	1
7603	0	1	0	0	0	1
7604	0	0	3	0	1	4
7605	0	0	0	2	1	3
7606	0	0	0	2	0	2
7607	0	0	1	0	0	1
7608	0	0	1	0	0	1
7609	0	0	0	2	0	2
7610	0	4	0	0	2	6
7611	0	2	0	0	0	2
7612	0	1	0	0	0	1
7613	0	1	0	0	2	3

7614	0	1	0	0	0	1
7615	0	3	0	0	0	3
7616	1	0	0	1	1	3
7617	0	2	0	0	0	2
7618	1	0	2	0	0	3
7619	0	4	0	0	2	6
7620	1	0	2	0	2	5
7621	1	1	0	0	0	2
7622	0	0	0	1	1	2
7623	0	4	0	0	2	6
7624	1	0	0	2	0	3
7625	0	0	1	0	0	1
7626	0	3	0	0	0	3
7627	0	3	0	0	0	3
7628	0	0	0	1	0	1
7629	0	0	0	2	0	2
7630	0	0	0	2	0	2
7631	2	0	0	2	0	4
7632	0	4	0	0	0	4
7633	0	0	0	1	0	1
7634	1	0	1	0	0	2
7635	4	0	0	1	0	5
7636	0	1	0	0	1	2
7637	4	4	0	0	1	9
7638	1	3	0	0	1	5
7639	0	0	1	0	0	1
7640	0	0	2	0	0	2
7641	0	2	0	0	0	2
7642	0	0	0	2	0	2
7643	0	2	0	0	0	2
7644	2	0	0	1	0	3
7645	0	4	0	0	0	4
7646	0	4	0	0	0	4
7647	0	0	2	0	0	2
7648	0	0	2	0	0	2
7649	0	0	0	1	0	1
7650	0	1	0	0	0	1
7651	0	1	0	0	0	1
7652	0	2	0	0	0	2
7653	3	0	0	2	0	5
7654	2	0	2	0	0	4
7655	0	0	1	0	0	1
7656	0	0	4	0	2	6
7657	0	0	0	2	1	3
7658	0	0	2	0	0	2
7659	0	2	0	0	0	2
7660	0	4	0	0	0	4

7661	0	0	1	0	1	2
7662	1	2	0	0	0	3
7663	0	0	2	0	2	4
7664	0	0	1	0	1	2
7665	1	0	0	2	0	3
7666	0	0	0	2	0	2
7667	1	4	0	0	0	5
7668	0	2	0	0	2	4
7669	0	3	0	0	0	3
7670	0	4	0	0	0	4
7671	0	3	0	0	0	3
7672	0	0	0	1	0	1
7673	1	0	0	2	2	5
7674	1	3	0	0	0	4
7675	0	0	2	0	0	2
7676	0	0	0	2	0	2
7677	0	4	0	0	0	4
7678	0	1	0	0	0	1
7679	0	0	2	0	0	2
7680	0	0	0	2	0	2
7681	2	0	3	0	0	5
7682	0	0	0	1	0	1
7683	1	0	0	2	0	3
7684	0	0	0	1	0	1
7685	0	0	0	2	2	4
7686	0	0	1	0	0	1
7687	2	0	0	1	0	3
7688	1	2	0	0	1	4
7689	0	0	1	0	1	2
7690	0	4	0	0	0	4
7691	0	0	1	0	2	3
7692	0	0	2	0	0	2
7693	0	0	0	1	2	3
7694	1	1	0	0	0	2
7695	0	0	0	1	0	1
7696	0	0	0	1	0	1
7697	0	4	0	0	0	4
7698	0	1	0	0	0	1
7699	0	0	2	0	2	4
7700	2	3	0	0	0	5
7701	0	0	1	0	0	1
7702	0	0	0	1	0	1
7703	0	2	0	0	0	2
7704	3	1	0	0	0	4
7705	0	0	1	0	0	1
7706	0	1	0	0	0	1
7707	0	0	2	0	0	2

7708	0	0	2	0	0	2
7709	0	0	1	0	0	1
7710	0	1	0	0	0	1
7711	0	0	2	0	1	3
7712	0	0	0	2	2	4
7713	1	0	0	1	0	2
7714	0	1	0	0	0	1
7715	1	3	0	0	1	5
7716	0	2	0	0	1	3
7717	0	4	0	0	0	4
7718	0	3	0	0	0	3
7719	0	4	0	0	0	4
7720	0	2	0	0	0	2
7721	0	0	0	2	0	2
7722	2	0	2	0	1	5
7723	2	3	0	0	2	7
7724	0	0	0	1	0	1
7725	0	0	2	0	0	2
7726	0	0	2	0	0	2
7727	0	4	0	0	0	4
7728	1	4	0	0	0	5
7729	0	0	1	0	0	1
7730	0	2	0	0	0	2
7731	0	3	0	0	0	3
7732	0	3	0	0	1	4
7733	1	4	0	0	0	5
7734	1	0	1	0	0	2
7735	0	2	0	0	0	2
7736	1	0	0	1	0	2
7737	0	4	0	0	1	5
7738	0	1	0	0	0	1
7739	2	1	0	0	0	3
7740	0	0	2	0	0	2
7741	0	0	2	0	0	2
7742	3	4	0	0	0	7
7743	1	2	0	0	1	4
7744	2	0	0	1	0	3
7745	0	0	1	0	0	1
7746	0	0	0	2	0	2
7747	4	0	2	0	0	6
7748	0	0	2	0	0	2
7749	0	4	0	0	0	4
7750	0	0	0	2	0	2
7751	0	0	2	0	0	2
7752	2	0	2	0	0	4
7753	0	0	0	1	2	3
7754	0	0	0	2	0	2

7755	1	0	0	2	0	3
7756	0	3	0	0	1	4
7757	0	0	0	2	0	2
7758	0	1	0	0	2	3
7759	2	2	0	0	0	4
7760	0	2	0	0	0	2
7761	0	0	0	1	1	2
7762	0	4	0	0	1	5
7763	1	0	0	1	0	2
7764	0	4	0	0	0	4
7765	0	0	2	0	0	2
7766	0	4	0	0	1	5
7767	1	0	0	2	1	4
7768	0	0	2	0	0	2
7769	0	0	1	0	0	1
7770	0	1	0	0	0	1
7771	0	1	0	0	0	1
7772	0	0	3	0	0	3
7773	0	0	0	2	0	2
7774	0	2	0	0	0	2
7775	1	2	0	0	0	3
7776	0	3	0	0	0	3
7777	1	0	0	1	0	2
7778	0	2	0	0	0	2
7779	1	4	0	0	0	5
7780	0	1	0	0	0	1
7781	0	2	0	0	1	3
7782	0	0	0	2	1	3
7783	0	0	1	0	0	1
7784	0	4	0	0	0	4
7785	0	3	0	0	0	3
7786	1	0	4	0	1	6
7787	0	1	0	0	0	1
7788	0	0	2	0	0	2
7789	0	0	2	0	0	2
7790	2	0	0	1	2	5
7791	0	0	2	0	0	2
7792	0	0	2	0	0	2
7793	0	0	2	0	0	2
7794	0	4	0	0	0	4
7795	0	0	1	0	0	1
7796	0	3	0	0	0	3
7797	0	0	2	0	0	2
7798	0	0	2	0	0	2
7799	0	0	2	0	0	2
7800	0	0	0	2	0	2
7801	0	0	0	2	0	2

7802	0	4	0	0	0	4
7803	0	0	0	2	1	3
7804	0	3	0	0	0	3
7805	0	3	0	0	0	3
7806	2	0	0	2	0	4
7807	2	0	1	0	0	3
7808	0	0	2	0	1	3
7809	0	4	0	0	0	4
7810	0	0	0	1	0	1
7811	0	0	1	0	0	1
7812	0	4	0	0	0	4
7813	0	0	0	1	1	2
7814	0	3	0	0	1	4
7815	0	2	0	0	1	3
7816	0	1	0	0	2	3
7817	0	0	0	2	2	4
7818	1	0	0	1	0	2
7819	0	4	0	0	1	5
7820	1	0	0	2	0	3
7821	0	4	0	0	0	4
7822	0	4	0	0	0	4
7823	0	0	0	2	0	2
7824	1	0	2	0	0	3
7825	0	0	2	0	0	2
7826	1	1	0	0	0	2
7827	2	1	0	0	0	3
7828	0	0	0	2	0	2
7829	1	2	0	0	0	3
7830	0	0	0	2	0	2
7831	0	0	1	0	0	1
7832	2	0	3	0	0	5
7833	0	4	0	0	0	4
7834	1	4	0	0	0	5
7835	1	3	0	0	0	4
7836	0	3	0	0	0	3
7837	3	0	1	0	1	5
7838	0	0	1	0	0	1
7839	0	3	0	0	0	3
7840	3	1	0	0	0	4
7841	3	4	0	0	0	7
7842	0	4	0	0	0	4
7843	0	1	0	0	1	2
7844	0	0	2	0	0	2
7845	0	0	0	1	2	3
7846	1	0	0	1	0	2
7847	1	2	0	0	0	3
7848	1	0	0	2	0	3

7849	0	0	2	0	0	2
7850	1	0	0	2	0	3
7851	0	1	0	0	0	1
7852	1	3	0	0	0	4
7853	0	0	1	0	0	1
7854	0	0	2	0	0	2
7855	0	3	0	0	0	3
7856	0	0	2	0	0	2
7857	0	1	0	0	0	1
7858	0	0	0	2	0	2
7859	0	0	4	0	0	4
7860	0	3	0	0	2	5
7861	1	0	0	2	0	3
7862	1	3	0	0	1	5
7863	1	1	0	0	0	2
7864	0	0	0	1	2	3
7865	0	1	0	0	0	1
7866	1	1	0	0	0	2
7867	0	0	1	0	0	1
7868	0	4	0	0	0	4
7869	0	0	2	0	0	2
7870	1	0	2	0	0	3
7871	0	4	0	0	2	6
7872	0	2	0	0	0	2
7873	2	4	0	0	0	6
7874	0	0	0	1	0	1
7875	0	0	2	0	0	2
7876	0	0	1	0	0	1
7877	0	2	0	0	0	2
7878	2	0	0	1	1	4
7879	1	4	0	0	0	5
7880	2	2	0	0	1	5
7881	1	0	1	0	0	2
7882	0	0	0	2	0	2
7883	0	4	0	0	0	4
7884	0	0	1	0	0	1
7885	0	3	0	0	0	3
7886	0	0	2	0	0	2
7887	1	2	0	0	0	3
7888	1	1	0	0	0	2
7889	0	0	0	1	1	2
7890	0	0	1	0	1	2
7891	0	0	0	2	0	2
7892	0	0	4	0	0	4
7893	0	0	2	0	1	3
7894	0	3	0	0	0	3
7895	0	0	1	0	0	1

7896	0	0	3	0	0	3
7897	0	0	2	0	0	2
7898	2	4	0	0	0	6
7899	0	3	0	0	0	3
7900	0	0	2	0	0	2
7901	0	0	0	1	0	1
7902	0	4	0	0	0	4
7903	0	0	1	0	0	1
7904	1	3	0	0	0	4
7905	0	0	2	0	1	3
7906	2	0	0	1	0	3
7907	0	0	0	1	0	1
7908	0	0	0	2	0	2
7909	0	1	0	0	0	1
7910	0	0	0	1	0	1
7911	0	1	0	0	2	3
7912	0	2	0	0	1	3
7913	0	0	1	0	0	1
7914	1	0	0	1	1	3
7915	0	1	0	0	0	1
7916	4	0	0	2	0	6
7917	3	0	1	0	0	4
7918	0	0	1	0	0	1
7919	0	0	0	1	0	1
7920	0	0	0	2	0	2
7921	0	0	0	2	0	2
7922	0	0	1	0	0	1
7923	0	0	2	0	1	3
7924	0	4	0	0	0	4
7925	1	0	0	2	0	3
7926	0	0	0	2	0	2
7927	0	0	0	1	0	1
7928	0	2	0	0	0	2
7929	0	0	2	0	0	2
7930	0	0	0	2	2	4
7931	0	0	0	2	0	2
7932	0	0	0	2	0	2
7933	1	0	2	0	0	3
7934	4	0	1	0	2	7
7935	0	0	0	2	1	3
7936	0	3	0	0	0	3
7937	2	0	0	2	0	4
7938	1	0	0	2	1	4
7939	0	2	0	0	0	2
7940	0	0	0	1	0	1
7941	0	0	0	2	0	2
7942	0	2	0	0	0	2

7943	1	0	2	0	0	3
7944	0	0	2	0	0	2
7945	0	0	0	1	0	1
7946	0	0	2	0	2	4
7947	2	3	0	0	0	5
7948	0	0	0	1	0	1
7949	0	2	0	0	0	2
7950	0	0	0	2	0	2
7951	4	0	0	2	0	6
7952	0	0	0	2	0	2
7953	1	1	0	0	0	2
7954	0	2	0	0	0	2
7955	0	0	0	1	0	1
7956	0	0	1	0	0	1
7957	0	4	0	0	0	4
7958	2	0	2	0	0	4
7959	0	0	1	0	0	1
7960	0	0	0	2	0	2
7961	0	0	2	0	1	3
7962	0	4	0	0	0	4
7963	0	4	0	0	0	4
7964	0	0	0	2	0	2
7965	0	0	2	0	2	4
7966	0	0	0	2	0	2
7967	2	0	0	1	0	3
7968	0	3	0	0	0	3
7969	0	1	0	0	0	1
7970	0	0	1	0	0	1
7971	0	0	0	2	0	2
7972	0	2	0	0	0	2
7973	0	0	0	1	0	1
7974	1	4	0	0	0	5
7975	0	2	0	0	0	2
7976	0	4	0	0	0	4
7977	0	0	0	2	0	2
7978	1	0	0	2	0	3
7979	1	0	2	0	0	3
7980	0	1	0	0	0	1
7981	0	0	0	1	0	1
7982	0	2	0	0	0	2
7983	0	0	1	0	0	1
7984	0	0	3	0	0	3
7985	1	0	0	2	1	4
7986	0	0	2	0	0	2
7987	0	4	0	0	1	5
7988	0	3	0	0	0	3
7989	1	1	0	0	0	2

7990	0	0	0	2	0	2
7991	0	0	0	2	0	2
7992	1	0	0	1	1	3
7993	0	2	0	0	0	2
7994	0	0	1	0	0	1
7995	0	1	0	0	0	1
7996	0	0	1	0	2	3
7997	0	0	2	0	0	2
7998	0	0	0	1	0	1
7999	0	4	0	0	0	4
8000	1	3	0	0	0	4
8001	0	0	0	1	1	2
8002	0	0	0	1	0	1
8003	0	2	0	0	2	4
8004	0	0	0	2	0	2
8005	0	3	0	0	0	3
8006	0	0	1	0	1	2
8007	0	0	1	0	1	2
8008	0	0	0	1	0	1
8009	0	0	0	2	0	2
8010	0	0	0	2	0	2
8011	0	0	3	0	0	3
8012	0	0	0	2	0	2
8013	0	0	3	0	0	3
8014	0	0	0	1	0	1
8015	0	0	0	2	0	2
8016	0	3	0	0	0	3
8017	1	0	2	0	1	4
8018	1	4	0	0	0	5
8019	0	0	2	0	0	2
8020	0	0	1	0	0	1
8021	0	0	2	0	0	2
8022	0	0	0	2	2	4
8023	0	3	0	0	2	5
8024	0	0	2	0	1	3
8025	0	4	0	0	0	4
8026	3	0	0	1	1	5
8027	1	0	1	0	1	3
8028	0	0	3	0	1	4
8029	0	0	0	1	0	1
8030	0	0	0	2	0	2
8031	0	2	0	0	0	2
8032	0	0	0	1	0	1
8033	0	0	0	1	0	1
8034	0	1	0	0	0	1
8035	1	2	0	0	0	3
8036	0	0	2	0	1	3

8037	0	0	2	0	0	2
8038	2	2	0	0	0	4
8039	1	0	0	2	0	3
8040	1	0	0	2	0	3
8041	1	1	0	0	0	2
8042	1	3	0	0	0	4
8043	0	4	0	0	0	4
8044	0	0	0	1	0	1
8045	0	0	1	0	1	2
8046	0	0	4	0	0	4
8047	0	2	0	0	0	2
8048	2	4	0	0	1	7
8049	0	2	0	0	0	2
8050	0	2	0	0	0	2
8051	0	0	0	2	0	2
8052	1	2	0	0	0	3
8053	0	0	2	0	1	3
8054	1	2	0	0	0	3
8055	0	0	0	2	0	2
8056	0	0	0	2	0	2
8057	1	0	1	0	0	2
8058	4	0	0	1	0	5
8059	0	0	4	0	0	4
8060	0	0	2	0	0	2
8061	0	0	0	1	0	1
8062	0	0	0	2	0	2
8063	0	0	0	2	0	2
8064	0	0	1	0	0	1
8065	2	0	0	1	0	3
8066	0	3	0	0	0	3
8067	0	2	0	0	0	2
8068	0	0	1	0	1	2
8069	0	4	0	0	0	4
8070	0	3	0	0	0	3
8071	2	0	1	0	0	3
8072	0	0	1	0	2	3
8073	0	0	2	0	0	2
8074	0	0	0	2	0	2
8075	0	0	0	2	0	2
8076	0	0	2	0	0	2
8077	0	2	0	0	0	2
8078	0	0	2	0	0	2
8079	0	0	0	2	0	2
8080	0	0	1	0	2	3
8081	0	4	0	0	0	4
8082	0	0	2	0	0	2
8083	0	0	1	0	0	1

8084	0	0	0	1	0	1
8085	0	0	1	0	0	1
8086	1	4	0	0	0	5
8087	0	0	0	2	0	2
8088	0	0	2	0	0	2
8089	0	2	0	0	0	2
8090	0	0	0	1	0	1
8091	1	2	0	0	0	3
8092	0	0	0	2	0	2
8093	0	0	1	0	1	2
8094	0	0	0	1	0	1
8095	0	3	0	0	1	4
8096	2	2	0	0	0	4
8097	0	0	2	0	0	2
8098	0	0	2	0	0	2
8099	1	0	0	2	0	3
8100	0	3	0	0	2	5
8101	0	3	0	0	0	3
8102	0	0	0	2	0	2
8103	0	2	0	0	0	2
8104	0	2	0	0	0	2
8105	0	1	0	0	0	1
8106	3	0	2	0	0	5
8107	0	0	0	2	0	2
8108	0	2	0	0	0	2
8109	1	2	0	0	0	3
8110	0	0	0	1	0	1
8111	0	0	0	1	0	1
8112	2	0	0	2	0	4
8113	1	4	0	0	1	6
8114	0	3	0	0	0	3
8115	0	0	0	2	0	2
8116	4	0	1	0	0	5
8117	0	2	0	0	0	2
8118	0	0	1	0	0	1
8119	2	0	0	2	0	4
8120	1	0	1	0	0	2
8121	2	2	0	0	0	4
8122	1	0	2	0	0	3
8123	0	1	0	0	0	1
8124	0	0	0	2	0	2
8125	0	0	0	2	0	2
8126	0	0	2	0	0	2
8127	0	0	2	0	0	2
8128	0	0	0	2	0	2
8129	0	0	1	0	0	1
8130	0	0	0	2	0	2

8131	0	0	1	0	0	1
8132	0	2	0	0	0	2
8133	0	0	0	2	0	2
8134	0	3	0	0	0	3
8135	2	3	0	0	0	5
8136	0	1	0	0	0	1
8137	0	0	3	0	0	3
8138	2	0	0	2	0	4
8139	2	2	0	0	1	5
8140	1	0	1	0	0	2
8141	0	3	0	0	0	3
8142	0	0	0	1	0	1
8143	0	4	0	0	0	4
8144	0	2	0	0	0	2
8145	0	0	0	2	0	2
8146	0	4	0	0	0	4
8147	0	0	1	0	2	3
8148	0	1	0	0	0	1
8149	0	0	2	0	0	2
8150	3	0	0	2	2	7
8151	0	4	0	0	0	4
8152	0	2	0	0	0	2
8153	0	2	0	0	0	2
8154	0	0	1	0	0	1
8155	0	2	0	0	0	2
8156	1	2	0	0	0	3
8157	1	3	0	0	0	4
8158	0	0	1	0	0	1
8159	0	4	0	0	0	4
8160	0	4	0	0	2	6
8161	0	0	1	0	0	1
8162	1	4	0	0	2	7
8163	0	0	0	2	0	2
8164	0	3	0	0	0	3
8165	0	0	0	2	0	2
8166	0	1	0	0	0	1
8167	2	0	4	0	0	6
8168	1	0	1	0	0	2
8169	1	0	0	2	0	3
8170	0	0	0	1	0	1
8171	0	0	0	2	1	3
8172	0	4	0	0	0	4
8173	2	0	2	0	1	5
8174	1	4	0	0	0	5
8175	0	1	0	0	0	1
8176	0	0	1	0	0	1
8177	0	0	1	0	0	1

8178	0	4	0	0	0	4
8179	0	4	0	0	0	4
8180	1	4	0	0	0	5
8181	0	0	4	0	2	6
8182	0	1	0	0	0	1
8183	0	0	0	1	0	1
8184	0	0	0	2	0	2
8185	0	4	0	0	0	4
8186	0	0	0	1	2	3
8187	2	0	0	1	0	3
8188	2	0	0	1	0	3
8189	0	0	1	0	0	1
8190	2	2	0	0	0	4
8191	2	0	0	2	0	4
8192	2	2	0	0	0	4
8193	1	0	0	2	0	3
8194	0	4	0	0	0	4
8195	0	0	0	1	0	1
8196	0	0	0	1	0	1
8197	0	3	0	0	0	3
8198	1	0	3	0	2	6
8199	0	1	0	0	0	1
8200	2	0	1	0	0	3
8201	0	4	0	0	0	4
8202	0	0	0	2	0	2
8203	0	0	0	1	0	1
8204	0	0	1	0	0	1
8205	1	0	2	0	0	3
8206	0	0	0	1	0	1
8207	3	2	0	0	0	5
8208	0	4	0	0	0	4
8209	0	0	3	0	0	3
8210	1	3	0	0	0	4
8211	0	2	0	0	1	3
8212	1	0	0	2	0	3
8213	0	1	0	0	2	3
8214	0	0	4	0	0	4
8215	0	3	0	0	0	3
8216	0	0	0	2	0	2
8217	0	0	0	1	0	1
8218	0	0	2	0	0	2
8219	2	4	0	0	0	6
8220	3	0	0	2	0	5
8221	0	3	0	0	1	4
8222	0	2	0	0	2	4
8223	0	0	0	2	0	2
8224	1	3	0	0	1	5

8225	4	4	0	0	0	8
8226	0	0	2	0	0	2
8227	0	4	0	0	0	4
8228	0	0	2	0	0	2
8229	0	0	0	1	0	1
8230	0	1	0	0	0	1
8231	0	3	0	0	0	3
8232	1	0	0	2	0	3
8233	0	0	0	1	2	3
8234	0	0	0	1	0	1
8235	0	0	0	2	0	2
8236	0	3	0	0	1	4
8237	0	0	1	0	0	1
8238	0	3	0	0	0	3
8239	0	1	0	0	0	1
8240	0	0	0	1	0	1
8241	2	0	0	2	0	4
8242	0	0	0	2	0	2
8243	0	0	0	2	0	2
8244	0	0	0	1	0	1
8245	0	0	0	2	0	2
8246	1	0	1	0	0	2
8247	0	1	0	0	0	1
8248	0	0	2	0	0	2
8249	0	0	1	0	0	1
8250	0	0	3	0	0	3
8251	1	0	1	0	0	2
8252	0	0	1	0	0	1
8253	0	0	2	0	0	2
8254	0	1	0	0	2	3
8255	0	3	0	0	0	3
8256	1	0	0	2	0	3
8257	0	0	0	1	0	1
8258	0	1	0	0	0	1
8259	0	0	2	0	0	2
8260	0	0	0	2	0	2
8261	0	0	1	0	0	1
8262	1	0	0	2	0	3
8263	0	0	0	1	0	1
8264	0	0	0	1	0	1
8265	0	0	1	0	0	1
8266	0	2	0	0	0	2
8267	0	0	0	1	0	1
8268	0	0	0	2	0	2
8269	2	1	0	0	2	5
8270	0	2	0	0	0	2
8271	2	0	1	0	2	5

8272	2	0	0	1	0	3
8273	0	1	0	0	0	1
8274	0	1	0	0	1	2
8275	0	0	0	2	0	2
8276	1	0	1	0	0	2
8277	0	1	0	0	0	1
8278	3	0	1	0	0	4
8279	0	1	0	0	0	1
8280	0	0	0	2	0	2
8281	0	0	1	0	2	3
8282	0	0	0	2	0	2
8283	0	0	1	0	0	1
8284	2	0	0	2	0	4
8285	0	1	0	0	2	3
8286	2	0	0	2	0	4
8287	0	0	0	1	0	1
8288	0	0	2	0	0	2
8289	1	0	0	1	0	2
8290	0	0	4	0	2	6
8291	0	0	2	0	0	2
8292	0	0	0	1	0	1
8293	1	0	0	2	0	3
8294	1	0	0	1	0	2
8295	0	0	1	0	2	3
8296	1	0	0	2	0	3
8297	0	0	0	2	0	2
8298	0	0	0	2	2	4
8299	1	3	0	0	0	4
8300	1	0	1	0	0	2
8301	0	0	2	0	0	2
8302	0	3	0	0	2	5
8303	0	0	0	1	0	1
8304	0	3	0	0	0	3
8305	0	0	0	2	0	2
8306	0	0	0	2	0	2
8307	1	0	0	1	0	2
8308	0	4	0	0	0	4
8309	0	0	0	1	1	2
8310	0	1	0	0	0	1
8311	3	0	2	0	0	5
8312	0	2	0	0	0	2
8313	1	0	0	2	0	3
8314	0	3	0	0	0	3
8315	0	0	1	0	2	3
8316	0	4	0	0	1	5
8317	0	0	0	2	0	2
8318	1	0	0	2	0	3

8319	1	0	2	0	2	5
8320	1	2	0	0	0	3
8321	0	1	0	0	0	1
8322	4	0	0	1	2	7
8323	2	0	0	2	0	4
8324	1	0	0	2	0	3
8325	0	3	0	0	0	3
8326	1	1	0	0	0	2
8327	0	0	0	1	0	1
8328	0	4	0	0	2	6
8329	2	1	0	0	0	3
8330	0	0	0	1	0	1
8331	0	0	2	0	0	2
8332	0	4	0	0	1	5
8333	0	0	0	2	0	2
8334	0	1	0	0	2	3
8335	0	0	0	1	0	1
8336	0	0	1	0	0	1
8337	2	0	1	0	0	3
8338	1	0	0	2	0	3
8339	0	0	0	2	1	3
8340	0	0	0	2	0	2
8341	0	2	0	0	0	2
8342	0	0	0	1	0	1
8343	0	2	0	0	0	2
8344	0	0	1	0	0	1
8345	2	0	2	0	2	6
8346	0	0	2	0	2	4
8347	0	0	0	2	1	3
8348	0	0	0	2	0	2
8349	0	0	3	0	0	3
8350	0	0	0	1	0	1
8351	0	0	0	2	0	2
8352	0	0	1	0	0	1
8353	0	0	0	1	0	1
8354	1	4	0	0	0	5
8355	0	0	1	0	0	1
8356	0	2	0	0	0	2
8357	0	3	0	0	0	3
8358	0	0	0	1	0	1
8359	2	0	1	0	0	3
8360	0	0	0	2	0	2
8361	0	0	0	2	0	2
8362	0	0	0	1	0	1
8363	0	3	0	0	0	3
8364	0	0	1	0	0	1
8365	0	0	0	2	2	4

8366	0	0	1	0	0	1
8367	2	0	0	2	2	6
8368	0	2	0	0	0	2
8369	0	0	0	2	0	2
8370	1	2	0	0	0	3
8371	0	1	0	0	0	1
8372	0	3	0	0	1	4
8373	0	0	2	0	0	2
8374	0	0	1	0	0	1
8375	0	0	0	1	0	1
8376	0	1	0	0	0	1
8377	0	0	2	0	0	2
8378	0	2	0	0	0	2
8379	0	0	2	0	0	2
8380	0	0	0	1	0	1
8381	1	0	0	2	0	3
8382	0	0	1	0	1	2
8383	0	0	2	0	0	2
8384	0	0	2	0	0	2
8385	0	0	2	0	0	2
8386	0	0	2	0	0	2
8387	0	0	0	2	0	2
8388	2	3	0	0	0	5
8389	0	4	0	0	0	4
8390	0	1	0	0	0	1
8391	0	3	0	0	0	3
8392	0	1	0	0	0	1
8393	0	4	0	0	1	5
8394	0	4	0	0	0	4
8395	1	3	0	0	2	6
8396	2	0	2	0	0	4
8397	0	0	0	2	0	2
8398	0	4	0	0	0	4
8399	0	0	0	1	0	1
8400	0	0	2	0	0	2
8401	0	0	1	0	2	3
8402	0	4	0	0	2	6
8403	0	0	2	0	1	3
8404	0	0	0	1	0	1
8405	0	1	0	0	0	1
8406	0	4	0	0	0	4
8407	0	4	0	0	0	4
8408	1	3	0	0	0	4
8409	0	0	2	0	0	2
8410	0	0	0	2	2	4
8411	0	0	2	0	0	2
8412	1	0	2	0	0	3

8413	0	3	0	0	0	3
8414	0	0	1	0	0	1
8415	0	4	0	0	0	4
8416	0	0	0	2	2	4
8417	0	0	0	1	0	1
8418	1	2	0	0	0	3
8419	0	0	0	2	0	2
8420	0	1	0	0	1	2
8421	2	0	0	1	0	3
8422	0	0	1	0	0	1
8423	0	0	2	0	1	3
8424	0	0	0	2	2	4
8425	0	0	0	2	0	2
8426	1	2	0	0	0	3
8427	0	1	0	0	0	1
8428	0	3	0	0	2	5
8429	1	4	0	0	0	5
8430	0	1	0	0	1	2
8431	0	0	1	0	0	1
8432	0	0	0	1	0	1
8433	0	0	1	0	2	3
8434	1	3	0	0	1	5
8435	0	4	0	0	0	4
8436	2	0	0	2	0	4
8437	1	4	0	0	0	5
8438	0	0	0	1	0	1
8439	0	2	0	0	0	2
8440	0	0	1	0	0	1
8441	1	3	0	0	0	4
8442	1	0	0	2	0	3
8443	0	0	0	2	0	2
8444	0	1	0	0	0	1
8445	0	0	0	2	0	2
8446	0	1	0	0	2	3
8447	2	0	1	0	1	4
8448	1	0	0	2	0	3
8449	0	0	0	1	0	1
8450	1	0	2	0	0	3
8451	0	0	2	0	0	2
8452	1	0	1	0	0	2
8453	0	0	0	2	0	2
8454	0	1	0	0	0	1
8455	0	1	0	0	0	1
8456	0	4	0	0	0	4
8457	0	0	0	2	0	2
8458	0	0	0	2	0	2
8459	0	0	2	0	0	2

8460	0	0	2	0	0	2
8461	2	3	0	0	0	5
8462	0	0	2	0	0	2
8463	1	0	0	2	2	5
8464	2	0	1	0	0	3
8465	0	0	0	1	1	2
8466	0	3	0	0	0	3
8467	0	0	2	0	0	2
8468	0	0	3	0	0	3
8469	0	4	0	0	0	4
8470	1	1	0	0	0	2
8471	0	3	0	0	0	3
8472	0	0	0	2	1	3
8473	0	0	2	0	2	4
8474	1	0	0	1	0	2
8475	0	3	0	0	0	3
8476	0	0	0	1	0	1
8477	1	0	2	0	0	3
8478	0	3	0	0	0	3
8479	0	0	2	0	0	2
8480	0	0	0	2	0	2
8481	0	0	2	0	0	2
8482	0	0	0	1	0	1
8483	1	3	0	0	2	6
8484	0	0	1	0	0	1
8485	0	0	4	0	0	4
8486	0	3	0	0	0	3
8487	1	0	0	2	0	3
8488	0	4	0	0	0	4
8489	0	0	1	0	0	1
8490	0	0	0	2	0	2
8491	1	0	0	2	0	3
8492	1	0	0	1	2	4
8493	1	0	0	1	2	4
8494	1	0	2	0	2	5
8495	0	0	0	1	0	1
8496	0	4	0	0	0	4
8497	0	0	0	2	0	2
8498	0	2	0	0	0	2
8499	0	0	0	1	0	1
8500	0	2	0	0	0	2
8501	1	0	0	2	0	3
8502	0	1	0	0	0	1
8503	1	0	0	1	0	2
8504	0	0	2	0	2	4
8505	1	0	1	0	0	2
8506	0	0	0	1	0	1

8507	2	0	0	2	2	6
8508	2	3	0	0	2	7
8509	2	4	0	0	0	6
8510	0	3	0	0	0	3
8511	0	2	0	0	1	3
8512	0	4	0	0	0	4
8513	0	0	2	0	0	2
8514	0	0	1	0	0	1
8515	1	3	0	0	0	4
8516	0	1	0	0	0	1
8517	0	1	0	0	2	3
8518	0	0	0	1	0	1
8519	0	2	0	0	0	2
8520	0	0	0	1	0	1
8521	0	0	0	1	1	2
8522	0	3	0	0	0	3
8523	0	0	0	2	0	2
8524	0	1	0	0	0	1
8525	0	4	0	0	0	4
8526	0	0	0	2	0	2
8527	0	0	2	0	0	2
8528	0	0	1	0	2	3
8529	0	1	0	0	0	1
8530	0	0	0	2	0	2
8531	0	2	0	0	2	4
8532	0	0	0	2	0	2
8533	0	4	0	0	0	4
8534	0	0	1	0	2	3
8535	1	0	0	2	0	3
8536	0	0	1	0	0	1
8537	0	0	0	2	0	2
8538	1	0	0	2	1	4
8539	0	4	0	0	0	4
8540	0	0	2	0	0	2
8541	0	0	0	2	0	2
8542	0	0	0	1	0	1
8543	0	0	0	2	0	2
8544	0	0	0	2	0	2
8545	0	0	1	0	2	3
8546	1	0	1	0	2	4
8547	0	2	0	0	0	2
8548	0	0	2	0	1	3
8549	0	1	0	0	0	1
8550	0	0	4	0	0	4
8551	0	0	1	0	0	1
8552	1	0	2	0	1	4
8553	0	4	0	0	2	6

8554	0	0	1	0	0	1
8555	0	0	0	2	0	2
8556	0	0	0	1	0	1
8557	0	1	0	0	0	1
8558	0	4	0	0	0	4
8559	0	0	0	1	1	2
8560	0	0	0	2	2	4
8561	0	0	1	0	2	3
8562	0	3	0	0	0	3
8563	0	0	0	2	0	2
8564	0	0	1	0	2	3
8565	0	0	0	2	0	2
8566	0	0	0	1	2	3
8567	0	1	0	0	0	1
8568	1	0	1	0	0	2
8569	0	0	2	0	0	2
8570	0	0	0	2	0	2
8571	0	0	2	0	0	2
8572	1	0	2	0	0	3
8573	2	0	0	2	0	4
8574	1	3	0	0	0	4
8575	0	0	2	0	1	3
8576	0	1	0	0	0	1
8577	0	0	0	2	0	2
8578	1	0	1	0	0	2
8579	0	3	0	0	0	3
8580	0	0	0	2	0	2
8581	0	3	0	0	0	3
8582	0	0	3	0	0	3
8583	0	1	0	0	0	1
8584	0	0	0	2	1	3
8585	1	0	0	1	0	2
8586	0	0	1	0	0	1
8587	2	3	0	0	0	5
8588	0	1	0	0	0	1
8589	0	0	0	1	0	1
8590	1	3	0	0	0	4
8591	0	0	1	0	0	1
8592	1	0	0	1	0	2
8593	0	4	0	0	0	4
8594	0	1	0	0	0	1
8595	0	0	0	2	0	2
8596	1	2	0	0	1	4
8597	1	0	2	0	2	5
8598	0	0	0	2	0	2
8599	0	3	0	0	0	3
8600	0	0	1	0	0	1

8601	1	0	1	0	0	2
8602	0	3	0	0	0	3
8603	0	0	0	1	0	1
8604	0	0	0	2	0	2
8605	2	0	2	0	2	6
8606	0	0	0	2	2	4
8607	1	1	0	0	0	2
8608	0	0	0	2	0	2
8609	1	0	0	1	0	2
8610	0	0	1	0	2	3
8611	0	2	0	0	0	2
8612	1	4	0	0	1	6
8613	0	0	2	0	0	2
8614	0	1	0	0	0	1
8615	0	3	0	0	1	4
8616	0	2	0	0	0	2
8617	0	0	1	0	0	1
8618	0	2	0	0	0	2
8619	0	1	0	0	0	1
8620	0	3	0	0	0	3
8621	2	4	0	0	0	6
8622	0	0	0	1	0	1
8623	1	2	0	0	0	3
8624	0	0	0	1	0	1
8625	0	2	0	0	0	2
8626	0	0	0	2	0	2
8627	0	1	0	0	0	1
8628	0	0	0	1	0	1
8629	0	0	1	0	0	1
8630	3	0	0	2	0	5
8631	1	0	0	2	0	3
8632	1	0	0	2	0	3
8633	1	3	0	0	0	4
8634	4	4	0	0	0	8
8635	0	0	0	1	0	1
8636	0	1	0	0	0	1
8637	0	2	0	0	0	2
8638	1	0	0	1	0	2
8639	0	2	0	0	0	2
8640	0	0	2	0	0	2
8641	0	0	0	2	0	2
8642	0	0	0	1	0	1
8643	0	0	0	1	0	1
8644	0	1	0	0	0	1
8645	1	0	0	2	2	5
8646	0	0	1	0	0	1
8647	1	1	0	0	1	3

8648	0	3	0	0	0	3
8649	0	0	0	2	0	2
8650	1	0	2	0	1	4
8651	0	0	0	2	2	4
8652	0	0	0	1	1	2
8653	0	0	2	0	1	3
8654	0	3	0	0	0	3
8655	0	0	2	0	0	2
8656	0	0	0	2	0	2
8657	0	0	2	0	0	2
8658	0	3	0	0	2	5
8659	0	3	0	0	0	3
8660	0	0	4	0	0	4
8661	1	3	0	0	0	4
8662	0	0	0	2	1	3
8663	0	0	1	0	0	1
8664	0	4	0	0	1	5
8665	0	0	2	0	1	3
8666	0	0	4	0	1	5
8667	0	0	1	0	0	1
8668	0	0	1	0	0	1
8669	3	0	1	0	0	4
8670	0	3	0	0	1	4
8671	0	0	1	0	0	1
8672	0	2	0	0	0	2
8673	0	2	0	0	0	2
8674	1	0	0	1	2	4
8675	0	3	0	0	0	3
8676	1	3	0	0	1	5
8677	0	0	1	0	1	2
8678	2	1	0	0	0	3
8679	1	3	0	0	0	4
8680	2	0	2	0	0	4
8681	0	0	2	0	0	2
8682	0	0	0	2	0	2
8683	0	3	0	0	0	3
8684	0	1	0	0	1	2
8685	0	3	0	0	0	3
8686	0	0	0	2	0	2
8687	0	0	1	0	0	1
8688	0	1	0	0	0	1
8689	0	0	1	0	0	1
8690	0	0	0	1	2	3
8691	0	3	0	0	1	4
8692	1	2	0	0	0	3
8693	1	4	0	0	2	7
8694	3	4	0	0	0	7

8695	0	3	0	0	0	3
8696	0	4	0	0	0	4
8697	0	3	0	0	0	3
8698	0	0	0	1	1	2
8699	2	0	0	2	0	4
8700	0	0	0	1	0	1
8701	0	0	2	0	0	2
8702	0	3	0	0	0	3
8703	2	0	1	0	0	3
8704	1	0	0	1	2	4
8705	0	0	2	0	0	2
8706	1	2	0	0	0	3
8707	1	0	0	2	2	5
8708	0	1	0	0	0	1
8709	0	2	0	0	0	2
8710	1	0	2	0	0	3
8711	0	0	0	1	2	3
8712	2	0	0	2	2	6
8713	0	1	0	0	0	1
8714	0	0	2	0	0	2
8715	0	0	2	0	0	2
8716	0	0	1	0	0	1
8717	1	0	0	1	0	2
8718	0	1	0	0	0	1
8719	0	3	0	0	2	5
8720	0	0	1	0	1	2
8721	1	2	0	0	0	3
8722	0	0	0	1	0	1
8723	0	0	0	2	0	2
8724	0	0	0	2	0	2
8725	2	0	0	2	2	6
8726	1	0	1	0	1	3
8727	4	0	0	1	0	5
8728	0	1	0	0	0	1
8729	0	4	0	0	2	6
8730	2	3	0	0	0	5
8731	0	0	0	2	1	3
8732	0	1	0	0	0	1
8733	0	0	0	1	0	1
8734	0	2	0	0	0	2
8735	0	1	0	0	1	2
8736	1	0	0	2	0	3
8737	1	0	0	2	0	3
8738	0	0	0	2	0	2
8739	1	0	0	2	0	3
8740	0	0	1	0	0	1
8741	0	0	2	0	0	2

8742	0	1	0	0	1	2
8743	3	0	0	1	0	4
8744	0	0	0	2	0	2
8745	0	0	2	0	2	4
8746	2	4	0	0	0	6
8747	3	4	0	0	0	7
8748	0	0	1	0	2	3
8749	0	4	0	0	2	6
8750	1	0	2	0	2	5
8751	0	0	0	1	0	1
8752	0	0	0	2	0	2
8753	0	0	2	0	0	2
8754	4	4	0	0	0	8
8755	0	0	0	2	0	2
8756	0	2	0	0	0	2
8757	0	0	0	0	2	2
8758	0	3	0	0	0	3
8759	1	0	2	0	0	3
8760	0	3	0	0	0	3
8761	0	2	0	0	0	2
8762	0	0	0	2	0	2
8763	2	0	2	0	0	4
8764	0	0	2	0	1	3
8765	0	0	1	0	0	1
8766	0	0	0	2	0	2
8767	0	4	0	0	2	6
8768	0	0	2	0	2	4
8769	0	0	1	0	1	2
8770	1	0	0	2	0	3
8771	0	4	0	0	0	4
8772	0	0	0	2	0	2
8773	0	0	1	0	0	1
8774	3	0	0	1	0	4
8775	1	0	1	0	0	2
8776	0	0	2	0	0	2
8777	0	0	0	2	0	2
8778	0	4	0	0	0	4
8779	1	0	1	0	0	2
8780	0	0	2	0	0	2
8781	0	0	2	0	2	4
8782	0	0	2	0	0	2
8783	0	0	2	0	0	2
8784	0	0	0	1	0	1
8785	0	0	0	2	2	4
8786	4	0	0	2	0	6
8787	1	0	0	2	0	3
8788	0	0	0	1	0	1

8789	0	2	0	0	0	2
8790	2	3	0	0	1	6
8791	0	0	0	1	2	3
8792	0	0	1	0	0	1
8793	3	0	0	1	0	4
8794	0	1	0	0	0	1
8795	0	4	0	0	0	4
8796	0	1	0	0	0	1
8797	0	0	0	1	0	1
8798	0	0	0	2	0	2
8799	0	0	0	2	2	4
8800	1	3	0	0	0	4
8801	0	0	0	1	0	1
8802	0	0	0	2	0	2
8803	0	4	0	0	0	4
8804	0	0	2	0	0	2
8805	0	0	0	2	0	2
8806	0	4	0	0	2	6
8807	0	0	1	0	2	3
8808	0	4	0	0	2	6
8809	2	0	0	2	0	4
8810	1	0	1	0	1	3
8811	0	0	4	0	0	4
8812	0	0	2	0	0	2
8813	0	0	0	2	0	2
8814	0	3	0	0	2	5
8815	1	0	0	1	0	2
8816	0	0	0	2	0	2
8817	0	0	1	0	0	1
8818	4	4	0	0	0	8
8819	0	4	0	0	0	4
8820	0	1	0	0	0	1
8821	0	0	0	2	1	3
8822	2	3	0	0	0	5
8823	0	0	2	0	0	2
8824	1	3	0	0	2	6
8825	0	2	0	0	2	4
8826	0	0	0	2	0	2
8827	0	0	0	2	2	4
8828	0	0	0	2	0	2
8829	3	0	0	1	1	5
8830	1	3	0	0	0	4
8831	0	0	1	0	1	2
8832	0	4	0	0	0	4
8833	0	0	0	2	2	4
8834	0	0	2	0	0	2
8835	0	0	2	0	0	2

8836	1	0	1	0	1	3
8837	0	3	0	0	0	3
8838	0	4	0	0	0	4
8839	0	0	1	0	0	1
8840	0	0	1	0	0	1
8841	0	1	0	0	0	1
8842	0	0	2	0	0	2
8843	0	3	0	0	0	3
8844	1	0	0	1	0	2
8845	0	2	0	0	0	2
8846	0	0	1	0	0	1
8847	0	0	0	2	0	2
8848	0	0	0	2	0	2
8849	0	2	0	0	0	2
8850	0	0	1	0	0	1
8851	1	0	2	0	0	3
8852	2	3	0	0	2	7
8853	0	0	2	0	0	2
8854	0	2	0	0	0	2
8855	1	0	3	0	2	6
8856	0	1	0	0	0	1
8857	1	4	0	0	0	5
8858	1	4	0	0	0	5
8859	2	3	0	0	0	5
8860	1	0	0	2	0	3
8861	0	0	0	2	1	3
8862	0	0	0	2	1	3
8863	1	1	0	0	0	2
8864	1	0	0	2	0	3
8865	1	0	0	2	2	5
8866	0	0	0	2	0	2
8867	2	3	0	0	0	5
8868	0	0	1	0	0	1
8869	0	2	0	0	0	2
8870	0	0	0	2	2	4
8871	0	4	0	0	0	4
8872	0	1	0	0	0	1
8873	0	0	0	2	0	2
8874	0	0	0	2	0	2
8875	0	0	1	0	0	1
8876	1	0	0	2	2	5
8877	0	0	2	0	2	4
8878	2	0	2	0	0	4
8879	0	0	1	0	0	1
8880	1	3	0	0	0	4
8881	0	0	1	0	0	1
8882	0	0	0	2	0	2

8883	2	0	0	1	1	4
8884	0	0	2	0	1	3
8885	0	0	2	0	0	2
8886	0	0	0	2	1	3
8887	0	0	1	0	0	1
8888	0	0	0	2	2	4
8889	0	0	1	0	0	1
8890	0	0	0	2	0	2
8891	0	0	1	0	0	1
8892	2	0	0	1	0	3
8893	0	0	0	1	0	1
8894	0	0	0	1	0	1
8895	0	1	0	0	0	1
8896	0	0	0	1	2	3
8897	1	0	1	0	0	2
8898	0	0	0	1	0	1
8899	0	2	0	0	0	2
8900	2	0	2	0	0	4
8901	0	0	0	1	0	1
8902	1	0	0	2	2	5
8903	0	0	0	1	0	1
8904	0	0	1	0	0	1
8905	1	4	0	0	0	5
8906	3	0	0	2	2	7
8907	0	4	0	0	0	4
8908	1	0	2	0	0	3
8909	1	0	1	0	0	2
8910	0	2	0	0	0	2
8911	2	0	0	1	0	3
8912	0	4	0	0	0	4
8913	4	0	0	2	1	7
8914	0	1	0	0	0	1
8915	0	0	2	0	1	3
8916	0	1	0	0	0	1
8917	0	3	0	0	0	3
8918	0	0	2	0	0	2
8919	1	0	0	2	0	3
8920	1	1	0	0	2	4
8921	0	0	0	2	1	3
8922	0	0	1	0	0	1
8923	0	4	0	0	0	4
8924	2	2	0	0	0	4
8925	0	2	0	0	0	2
8926	0	1	0	0	0	1
8927	0	3	0	0	0	3
8928	0	0	2	0	0	2
8929	0	0	1	0	0	1

8930	0	1	0	0	0	1
8931	0	0	1	0	0	1
8932	1	0	0	1	1	3
8933	0	3	0	0	2	5
8934	0	0	0	2	0	2
8935	0	0	2	0	0	2
8936	2	0	1	0	0	3
8937	2	0	0	1	0	3
8938	1	3	0	0	0	4
8939	0	3	0	0	0	3
8940	0	4	0	0	0	4
8941	0	3	0	0	1	4
8942	0	0	0	1	0	1
8943	1	2	0	0	0	3
8944	0	0	0	2	2	4
8945	0	2	0	0	0	2
8946	1	2	0	0	0	3
8947	0	1	0	0	1	2
8948	0	2	0	0	0	2
8949	0	0	0	2	0	2
8950	0	0	0	2	1	3
8951	1	0	0	1	0	2
8952	0	4	0	0	0	4
8953	3	0	0	1	0	4
8954	0	0	0	1	0	1
8955	0	0	0	2	1	3
8956	1	0	0	1	2	4
8957	0	2	0	0	0	2
8958	0	0	0	2	0	2
8959	0	0	0	2	0	2
8960	1	3	0	0	0	4
8961	0	0	1	0	2	3
8962	0	0	1	0	0	1
8963	1	2	0	0	0	3
8964	0	4	0	0	0	4
8965	1	0	0	2	0	3
8966	0	4	0	0	0	4
8967	0	0	0	1	0	1
8968	0	2	0	0	2	4
8969	0	1	0	0	0	1
8970	0	3	0	0	0	3
8971	1	1	0	0	0	2
8972	2	3	0	0	0	5
8973	0	0	0	2	1	3
8974	0	2	0	0	0	2
8975	3	0	0	1	0	4
8976	0	4	0	0	2	6

8977	1	0	0	2	0	3
8978	0	0	0	2	0	2
8979	0	0	2	0	0	2
8980	0	0	0	1	0	1
8981	2	2	0	0	1	5
8982	0	4	0	0	0	4
8983	0	0	1	0	2	3
8984	0	0	0	2	0	2
8985	0	3	0	0	0	3
8986	1	4	0	0	0	5
8987	0	4	0	0	0	4
8988	0	0	1	0	0	1
8989	0	0	1	0	0	1
8990	1	4	0	0	0	5
8991	0	0	0	2	2	4
8992	0	3	0	0	1	4
8993	0	0	1	0	0	1
8994	0	2	0	0	0	2
8995	1	3	0	0	1	5
8996	0	2	0	0	0	2
8997	1	3	0	0	0	4
8998	0	0	0	1	0	1
8999	1	0	0	2	0	3
9000	0	0	2	0	0	2
9001	0	0	0	2	0	2
9002	2	0	0	1	0	3
9003	1	0	1	0	2	4
9004	0	0	2	0	0	2
9005	0	0	0	2	0	2
9006	1	0	0	2	0	3
9007	0	4	0	0	0	4
9008	0	0	2	0	0	2
9009	0	0	1	0	0	1
9010	0	0	1	0	0	1
9011	0	0	3	0	1	4
9012	0	1	0	0	0	1
9013	1	4	0	0	0	5
9014	0	0	0	2	0	2
9015	1	0	1	0	0	2
9016	1	2	0	0	0	3
9017	0	0	0	2	2	4
9018	0	4	0	0	0	4
9019	0	1	0	0	0	1
9020	0	0	0	2	2	4
9021	0	0	0	2	0	2
9022	0	0	0	1	0	1
9023	0	0	2	0	0	2

9024	0	0	2	0	1	3
9025	0	0	0	1	0	1
9026	0	0	2	0	0	2
9027	1	4	0	0	0	5
9028	1	1	0	0	0	2
9029	0	1	0	0	0	1
9030	0	0	1	0	0	1
9031	0	0	2	0	0	2
9032	1	1	0	0	0	2
9033	0	0	0	1	0	1
9034	0	4	0	0	0	4
9035	0	0	2	0	2	4
9036	0	0	0	2	2	4
9037	1	0	0	1	0	2
9038	0	0	0	2	0	2
9039	0	0	0	2	0	2
9040	0	0	0	2	2	4
9041	2	1	0	0	0	3
9042	0	0	0	2	0	2
9043	0	0	0	2	0	2
9044	1	1	0	0	0	2
9045	0	2	0	0	0	2
9046	0	2	0	0	0	2
9047	1	4	0	0	0	5
9048	0	0	0	2	0	2
9049	0	0	0	2	0	2
9050	0	0	0	1	0	1
9051	0	0	0	1	0	1
9052	0	0	2	0	0	2
9053	0	1	0	0	1	2
9054	0	0	1	0	0	1
9055	0	0	0	2	0	2
9056	0	0	1	0	1	2
9057	0	2	0	0	0	2
9058	0	0	0	2	0	2
9059	0	1	0	0	0	1
9060	0	2	0	0	0	2
9061	2	1	0	0	0	3
9062	0	1	0	0	0	1
9063	0	0	1	0	1	2
9064	0	0	1	0	0	1
9065	1	2	0	0	1	4
9066	0	4	0	0	1	5
9067	1	0	0	2	0	3
9068	0	0	0	2	0	2
9069	0	0	0	1	1	2
9070	1	0	0	2	0	3

9071	0	0	1	0	0	1
9072	0	0	0	2	0	2
9073	0	4	0	0	0	4
9074	0	0	3	0	0	3
9075	1	4	0	0	0	5
9076	2	0	2	0	0	4
9077	0	0	1	0	1	2
9078	0	2	0	0	0	2
9079	0	0	0	2	2	4
9080	0	0	0	1	0	1
9081	0	0	1	0	0	1
9082	0	2	0	0	0	2
9083	1	0	1	0	0	2
9084	0	0	0	1	0	1
9085	0	0	2	0	0	2
9086	0	1	0	0	0	1
9087	0	2	0	0	0	2
9088	3	1	0	0	0	4
9089	0	4	0	0	0	4
9090	0	0	2	0	0	2
9091	1	2	0	0	0	3
9092	0	4	0	0	0	4
9093	0	0	0	2	0	2
9094	0	0	0	2	0	2
9095	0	0	0	1	0	1
9096	0	1	0	0	0	1
9097	0	0	2	0	0	2
9098	0	0	0	2	2	4
9099	1	0	0	2	0	3
9100	0	3	0	0	0	3
9101	1	0	1	0	0	2
9102	0	2	0	0	1	3
9103	0	0	2	0	0	2
9104	0	3	0	0	0	3
9105	0	3	0	0	0	3
9106	0	2	0	0	0	2
9107	4	0	0	2	0	6
9108	1	3	0	0	0	4
9109	0	4	0	0	0	4
9110	1	1	0	0	0	2
9111	2	4	0	0	0	6
9112	1	3	0	0	0	4
9113	0	0	1	0	0	1
9114	0	0	0	2	0	2
9115	0	0	0	1	0	1
9116	0	0	2	0	0	2
9117	0	0	1	0	1	2

9118	0	0	0	2	0	2
9119	0	0	2	0	0	2
9120	0	0	0	2	0	2
9121	0	2	0	0	0	2
9122	0	0	2	0	0	2
9123	0	0	2	0	1	3
9124	0	0	0	2	0	2
9125	1	2	0	0	2	5
9126	0	1	0	0	1	2
9127	3	0	0	2	0	5
9128	1	0	0	2	0	3
9129	1	0	1	0	0	2
9130	1	3	0	0	0	4
9131	4	0	0	1	1	6
9132	0	2	0	0	1	3
9133	0	4	0	0	0	4
9134	0	1	0	0	0	1
9135	0	0	4	0	0	4
9136	0	4	0	0	0	4
9137	0	3	0	0	2	5
9138	0	0	0	2	0	2
9139	0	1	0	0	0	1
9140	0	0	2	0	0	2
9141	3	3	0	0	0	6
9142	0	0	1	0	0	1
9143	0	3	0	0	0	3
9144	0	0	2	0	0	2
9145	0	4	0	0	0	4
9146	0	4	0	0	0	4
9147	0	0	0	1	1	2
9148	0	3	0	0	0	3
9149	1	0	3	0	0	4
9150	0	0	0	2	0	2
9151	0	0	0	2	0	2
9152	0	0	1	0	0	1
9153	0	0	0	2	0	2
9154	1	0	2	0	0	3
9155	0	3	0	0	0	3
9156	1	2	0	0	2	5
9157	3	3	0	0	0	6
9158	0	3	0	0	0	3
9159	0	0	0	1	2	3
9160	0	0	2	0	0	2
9161	0	0	0	1	0	1
9162	0	0	2	0	0	2
9163	0	0	0	2	0	2
9164	2	1	0	0	0	3

9165	0	1	0	0	0	1
9166	0	1	0	0	0	1
9167	1	0	2	0	0	3
9168	0	0	0	2	0	2
9169	1	0	4	0	0	5
9170	0	0	2	0	2	4
9171	0	0	2	0	0	2
9172	1	0	0	2	1	4
9173	0	0	2	0	0	2
9174	0	3	0	0	0	3
9175	1	0	0	1	0	2
9176	0	0	0	2	2	4
9177	0	0	0	1	0	1
9178	0	0	0	1	0	1
9179	0	0	2	0	0	2
9180	0	0	2	0	0	2
9181	0	2	0	0	0	2
9182	0	0	0	2	2	4
9183	0	0	0	2	2	4
9184	2	4	0	0	0	6
9185	0	0	1	0	0	1
9186	3	3	0	0	0	6
9187	0	4	0	0	0	4
9188	0	0	1	0	2	3
9189	0	0	0	2	0	2
9190	1	0	0	2	1	4
9191	0	3	0	0	0	3
9192	0	4	0	0	0	4
9193	0	0	3	0	0	3
9194	0	1	0	0	0	1
9195	1	0	0	2	0	3
9196	1	0	2	0	0	3
9197	1	4	0	0	0	5
9198	0	4	0	0	0	4
9199	0	0	0	2	0	2
9200	0	0	0	1	0	1
9201	0	0	0	2	0	2
9202	0	0	0	1	2	3
9203	0	3	0	0	0	3
9204	0	0	0	1	1	2
9205	0	0	1	0	0	1
9206	2	1	0	0	0	3
9207	0	0	0	2	0	2
9208	0	0	0	2	0	2
9209	0	1	0	0	0	1
9210	0	0	1	0	0	1
9211	0	3	0	0	0	3

9212	2	0	1	0	0	3
9213	0	0	2	0	2	4
9214	3	3	0	0	0	6
9215	0	0	0	1	2	3
9216	2	3	0	0	0	5
9217	0	0	2	0	0	2
9218	0	0	1	0	0	1
9219	0	0	0	1	1	2
9220	1	0	1	0	0	2
9221	0	1	0	0	0	1
9222	0	0	0	2	0	2
9223	0	0	0	1	0	1
9224	0	1	0	0	0	1
9225	0	1	0	0	0	1
9226	0	4	0	0	0	4
9227	0	2	0	0	0	2
9228	0	0	1	0	1	2
9229	0	0	4	0	0	4
9230	0	2	0	0	0	2
9231	0	0	0	1	2	3
9232	0	1	0	0	0	1
9233	0	0	2	0	0	2
9234	0	3	0	0	0	3
9235	1	0	1	0	2	4
9236	1	2	0	0	0	3
9237	0	0	1	0	1	2
9238	0	4	0	0	0	4
9239	0	0	0	2	0	2
9240	0	0	0	2	0	2
9241	0	0	0	1	0	1
9242	0	0	2	0	0	2
9243	1	2	0	0	2	5
9244	2	1	0	0	2	5
9245	0	0	1	0	0	1
9246	0	0	0	2	0	2
9247	1	4	0	0	1	6
9248	0	0	0	2	2	4
9249	0	0	2	0	0	2
9250	0	0	0	2	0	2
9251	0	0	0	1	1	2
9252	1	3	0	0	0	4
9253	2	0	1	0	2	5
9254	3	0	0	1	0	4
9255	2	0	0	1	0	3
9256	0	3	0	0	2	5
9257	0	0	2	0	0	2
9258	0	0	2	0	1	3

9259	1	4	0	0	0	5
9260	1	1	0	0	0	2
9261	0	2	0	0	0	2
9262	0	0	2	0	0	2
9263	0	3	0	0	1	4
9264	0	1	0	0	0	1
9265	0	1	0	0	0	1
9266	0	0	0	1	0	1
9267	0	0	1	0	0	1
9268	0	0	0	1	0	1
9269	0	0	0	2	0	2
9270	0	3	0	0	0	3
9271	0	0	0	2	2	4
9272	2	0	0	2	2	6
9273	0	0	1	0	0	1
9274	0	0	0	1	0	1
9275	0	0	3	0	0	3
9276	0	0	1	0	0	1
9277	3	1	0	0	0	4
9278	0	0	0	2	0	2
9279	2	3	0	0	0	5
9280	0	0	2	0	0	2
9281	0	1	0	0	2	3
9282	0	1	0	0	1	2
9283	0	0	0	2	0	2
9284	0	0	0	2	1	3
9285	0	0	0	2	0	2
9286	2	0	0	1	0	3
9287	0	0	0	2	0	2
9288	1	3	0	0	0	4
9289	0	0	1	0	0	1
9290	1	0	0	2	0	3
9291	0	0	0	1	0	1
9292	1	4	0	0	2	7
9293	0	4	0	0	0	4
9294	2	2	0	0	0	4
9295	0	0	0	1	1	2
9296	0	0	0	2	0	2
9297	1	2	0	0	0	3
9298	2	0	0	2	0	4
9299	0	0	0	2	2	4
9300	0	1	0	0	0	1
9301	0	4	0	0	0	4
9302	2	0	2	0	2	6
9303	0	0	0	1	0	1
9304	0	0	0	2	0	2
9305	0	3	0	0	1	4

9306	1	4	0	0	0	5
9307	0	0	1	0	0	1
9308	0	0	1	0	0	1
9309	1	0	0	1	0	2
9310	0	3	0	0	2	5
9311	0	0	1	0	0	1
9312	1	0	1	0	0	2
9313	1	3	0	0	0	4
9314	0	0	0	1	0	1
9315	3	0	0	1	0	4
9316	0	3	0	0	0	3
9317	0	4	0	0	0	4
9318	0	1	0	0	0	1
9319	0	0	1	0	0	1
9320	0	0	0	2	0	2
9321	4	0	0	2	0	6
9322	0	1	0	0	0	1
9323	0	0	3	0	0	3
9324	0	0	0	2	2	4
9325	0	0	0	2	2	4
9326	0	0	0	1	0	1
9327	0	0	0	2	2	4
9328	0	4	0	0	0	4
9329	3	3	0	0	2	8
9330	0	0	0	1	2	3
9331	0	3	0	0	0	3
9332	0	0	0	1	0	1
9333	0	4	0	0	0	4
9334	0	3	0	0	0	3
9335	0	0	0	2	0	2
9336	0	0	0	2	0	2
9337	0	0	0	1	0	1
9338	0	2	0	0	0	2
9339	0	0	0	2	2	4
9340	0	0	2	0	0	2
9341	0	3	0	0	1	4
9342	0	0	0	1	0	1
9343	0	0	0	1	1	2
9344	0	0	0	2	1	3
9345	2	0	0	2	0	4
9346	1	3	0	0	1	5
9347	0	3	0	0	0	3
9348	0	0	1	0	0	1
9349	3	0	0	1	2	6
9350	2	4	0	0	0	6
9351	0	0	2	0	0	2
9352	0	0	1	0	0	1

9353	4	0	0	1	0	5
9354	0	4	0	0	0	4
9355	0	0	0	1	0	1
9356	0	0	0	1	0	1
9357	0	3	0	0	0	3
9358	2	0	2	0	0	4
9359	0	1	0	0	2	3
9360	0	1	0	0	0	1
9361	0	0	0	2	0	2
9362	0	2	0	0	0	2
9363	0	1	0	0	0	1
9364	1	0	2	0	1	4
9365	0	0	2	0	2	4
9366	0	0	1	0	1	2
9367	0	0	0	1	1	2
9368	0	0	0	2	0	2
9369	0	0	1	0	0	1
9370	0	0	1	0	0	1
9371	0	0	2	0	0	2
9372	1	0	1	0	0	2
9373	0	4	0	0	0	4
9374	0	4	0	0	0	4
9375	0	1	0	0	0	1
9376	0	3	0	0	0	3
9377	0	0	2	0	0	2
9378	0	0	0	2	0	2
9379	0	0	0	2	0	2
9380	0	3	0	0	2	5
9381	0	0	0	1	0	1
9382	0	1	0	0	0	1
9383	0	0	0	2	0	2
9384	0	2	0	0	0	2
9385	0	0	2	0	0	2
9386	0	1	0	0	0	1
9387	1	0	0	1	0	2
9388	0	3	0	0	0	3
9389	0	3	0	0	0	3
9390	0	0	1	0	0	1
9391	0	0	0	2	0	2
9392	0	0	0	2	0	2
9393	0	0	0	1	2	3
9394	0	0	0	1	0	1
9395	0	0	3	0	0	3
9396	1	1	0	0	1	3
9397	0	0	1	0	0	1
9398	0	4	0	0	0	4
9399	0	0	0	2	2	4

9400	0	0	0	2	0	2
9401	0	4	0	0	0	4
9402	0	0	1	0	0	1
9403	0	3	0	0	0	3
9404	0	0	0	1	0	1
9405	0	4	0	0	0	4
9406	2	0	0	2	0	4
9407	0	0	0	1	1	2
9408	2	0	0	1	0	3
9409	0	0	2	0	0	2
9410	0	1	0	0	0	1
9411	0	0	0	2	0	2
9412	1	3	0	0	0	4
9413	1	1	0	0	0	2
9414	0	3	0	0	0	3
9415	0	4	0	0	0	4
9416	1	0	0	2	0	3
9417	1	4	0	0	0	5
9418	2	0	2	0	0	4
9419	0	0	0	2	0	2
9420	0	3	0	0	0	3
9421	0	4	0	0	0	4
9422	0	0	2	0	0	2
9423	0	0	0	2	2	4
9424	0	3	0	0	2	5
9425	1	1	0	0	0	2
9426	2	0	2	0	0	4
9427	0	2	0	0	0	2
9428	0	3	0	0	0	3
9429	0	2	0	0	1	3
9430	0	0	2	0	1	3
9431	0	0	0	2	0	2
9432	0	0	0	2	0	2
9433	0	0	0	1	0	1
9434	0	4	0	0	0	4
9435	2	0	2	0	2	6
9436	0	2	0	0	1	3
9437	0	3	0	0	0	3
9438	2	0	3	0	0	5
9439	1	0	0	2	0	3
9440	1	0	0	2	0	3
9441	0	4	0	0	0	4
9442	0	0	0	1	0	1
9443	0	2	0	0	0	2
9444	0	4	0	0	0	4
9445	0	0	0	2	1	3
9446	0	1	0	0	0	1

9447	0	2	0	0	0	2
9448	0	0	1	0	0	1
9449	0	0	2	0	0	2
9450	1	4	0	0	0	5
9451	0	2	0	0	0	2
9452	2	2	0	0	0	4
9453	0	1	0	0	0	1
9454	0	0	1	0	0	1
9455	0	1	0	0	0	1
9456	4	0	3	0	0	7
9457	1	0	0	1	0	2
9458	0	0	1	0	0	1
9459	0	0	0	2	0	2
9460	0	0	2	0	0	2
9461	0	0	1	0	2	3
9462	2	0	2	0	0	4
9463	0	0	0	2	0	2
9464	0	0	0	1	0	1
9465	0	1	0	0	0	1
9466	0	0	1	0	1	2
9467	0	0	1	0	2	3
9468	0	3	0	0	0	3
9469	0	3	0	0	1	4
9470	0	2	0	0	0	2
9471	0	2	0	0	2	4
9472	3	0	0	2	0	5
9473	1	4	0	0	0	5
9474	0	0	0	1	0	1
9475	0	0	0	1	0	1
9476	3	0	2	0	0	5
9477	0	0	0	2	0	2
9478	0	2	0	0	0	2
9479	0	0	1	0	2	3
9480	0	0	0	1	0	1
9481	0	4	0	0	0	4
9482	0	3	0	0	0	3
9483	0	0	0	2	0	2
9484	4	0	2	0	0	6
9485	0	2	0	0	1	3
9486	0	0	2	0	0	2
9487	0	2	0	0	0	2
9488	0	1	0	0	0	1
9489	0	0	2	0	0	2
9490	2	2	0	0	2	6
9491	0	0	0	2	0	2
9492	0	4	0	0	0	4
9493	0	0	0	2	0	2

9494	0	0	3	0	0	3
9495	0	0	0	2	0	2
9496	0	0	1	0	2	3
9497	0	0	0	2	0	2
9498	0	0	2	0	0	2
9499	0	0	0	2	0	2
9500	0	0	0	2	1	3
9501	0	4	0	0	0	4
9502	0	1	0	0	0	1
9503	0	0	0	2	0	2
9504	0	4	0	0	0	4
9505	0	1	0	0	0	1
9506	0	4	0	0	0	4
9507	0	1	0	0	0	1
9508	1	0	0	2	1	4
9509	1	0	2	0	0	3
9510	1	1	0	0	1	3
9511	2	0	0	2	0	4
9512	0	0	0	1	0	1
9513	1	0	1	0	0	2
9514	0	2	0	0	1	3
9515	0	3	0	0	2	5
9516	0	0	0	1	2	3
9517	0	0	1	0	0	1
9518	0	2	0	0	0	2
9519	0	2	0	0	0	2
9520	0	0	0	2	0	2
9521	0	3	0	0	2	5
9522	0	4	0	0	0	4
9523	0	2	0	0	1	3
9524	0	0	4	0	0	4
9525	0	0	2	0	0	2
9526	0	0	1	0	0	1
9527	0	0	0	2	0	2
9528	0	0	1	0	0	1
9529	2	0	0	2	0	4
9530	0	0	2	0	0	2
9531	0	4	0	0	0	4
9532	2	3	0	0	0	5
9533	0	2	0	0	1	3
9534	0	4	0	0	1	5
9535	2	3	0	0	2	7
9536	1	2	0	0	0	3
9537	0	0	0	2	0	2
9538	0	0	1	0	2	3
9539	0	4	0	0	0	4
9540	0	0	2	0	0	2

9541	1	2	0	0	0	3
9542	0	0	2	0	0	2
9543	0	0	2	0	1	3
9544	0	0	0	2	0	2
9545	0	0	1	0	0	1
9546	0	0	0	2	0	2
9547	0	3	0	0	0	3
9548	0	0	0	2	1	3
9549	0	0	1	0	0	1
9550	0	1	0	0	1	2
9551	0	0	2	0	0	2
9552	0	2	0	0	0	2
9553	1	0	0	1	0	2
9554	1	3	0	0	0	4
9555	0	0	0	1	0	1
9556	0	1	0	0	1	2
9557	0	0	0	1	0	1
9558	1	0	0	1	0	2
9559	0	3	0	0	0	3
9560	0	0	2	0	2	4
9561	1	2	0	0	1	4
9562	0	0	0	2	0	2
9563	1	4	0	0	2	7
9564	1	4	0	0	0	5
9565	0	0	2	0	0	2
9566	0	0	0	2	0	2
9567	2	0	1	0	0	3
9568	0	3	0	0	0	3
9569	1	0	2	0	0	3
9570	2	0	0	2	0	4
9571	0	0	2	0	1	3
9572	0	0	1	0	0	1
9573	0	0	0	1	0	1
9574	0	3	0	0	0	3
9575	0	3	0	0	0	3
9576	0	0	0	2	0	2
9577	0	0	0	2	0	2
9578	0	4	0	0	0	4
9579	0	0	1	0	0	1
9580	1	0	1	0	0	2
9581	0	0	2	0	0	2
9582	0	0	1	0	0	1
9583	0	3	0	0	0	3
9584	0	0	0	2	0	2
9585	0	1	0	0	0	1
9586	0	2	0	0	0	2
9587	0	4	0	0	0	4

9588	0	0	2	0	0	2
9589	0	2	0	0	2	4
9590	0	0	2	0	0	2
9591	0	1	0	0	0	1
9592	0	0	0	2	0	2
9593	1	0	2	0	0	3
9594	0	2	0	0	0	2
9595	4	0	1	0	0	5
9596	0	0	2	0	0	2
9597	0	0	0	2	0	2
9598	1	0	0	2	0	3
9599	0	4	0	0	2	6
9600	0	3	0	0	0	3
9601	0	2	0	0	1	3
9602	0	3	0	0	0	3
9603	0	1	0	0	0	1
9604	4	0	2	0	0	6
9605	2	0	2	0	0	4
9606	0	0	0	2	2	4
9607	4	0	0	2	0	6
9608	1	0	0	2	0	3
9609	0	1	0	0	0	1
9610	0	0	2	0	1	3
9611	0	0	1	0	0	1
9612	1	0	0	1	0	2
9613	4	0	2	0	0	6
9614	0	4	0	0	1	5
9615	0	4	0	0	0	4
9616	0	0	0	2	0	2
9617	1	2	0	0	1	4
9618	0	0	1	0	1	2
9619	1	3	0	0	1	5
9620	1	3	0	0	0	4
9621	0	2	0	0	1	3
9622	0	0	1	0	0	1
9623	0	0	2	0	0	2
9624	0	0	2	0	0	2
9625	1	0	2	0	2	5
9626	1	1	0	0	0	2
9627	0	0	0	2	0	2
9628	0	0	0	2	0	2
9629	0	2	0	0	0	2
9630	1	1	0	0	0	2
9631	0	0	0	2	2	4
9632	1	0	2	0	1	4
9633	0	2	0	0	0	2
9634	0	0	0	2	0	2

9635	0	1	0	0	0	1
9636	4	0	1	0	0	5
9637	0	2	0	0	0	2
9638	0	0	0	2	0	2
9639	0	3	0	0	2	5
9640	0	4	0	0	0	4
9641	0	0	0	2	0	2
9642	0	0	2	0	0	2
9643	0	0	0	1	0	1
9644	0	0	1	0	0	1
9645	0	0	2	0	0	2
9646	0	0	0	1	0	1
9647	4	4	0	0	2	10
9648	0	0	3	0	1	4
9649	0	0	0	2	0	2
9650	0	0	0	2	0	2
9651	0	0	1	0	0	1
9652	3	0	0	2	0	5
9653	0	0	0	2	2	4
9654	0	2	0	0	0	2
9655	0	0	0	1	0	1
9656	0	0	2	0	0	2
9657	0	0	0	1	0	1
9658	0	0	0	1	0	1
9659	0	0	1	0	0	1
9660	0	0	1	0	0	1
9661	0	0	1	0	0	1
9662	0	0	0	1	0	1
9663	0	0	1	0	0	1
9664	0	0	2	0	0	2
9665	0	1	0	0	2	3
9666	1	0	2	0	0	3
9667	2	1	0	0	0	3
9668	0	0	2	0	0	2
9669	0	0	0	2	0	2
9670	2	0	1	0	0	3
9671	0	3	0	0	0	3
9672	4	2	0	0	0	6
9673	1	0	2	0	0	3
9674	0	0	0	2	0	2
9675	0	0	0	1	0	1
9676	0	0	2	0	0	2
9677	0	0	1	0	0	1
9678	0	1	0	0	0	1
9679	0	0	0	2	0	2
9680	1	0	1	0	0	2
9681	0	4	0	0	0	4

9682	0	0	2	0	0	2
9683	0	4	0	0	0	4
9684	0	0	0	1	0	1
9685	0	2	0	0	0	2
9686	0	2	0	0	0	2
9687	0	0	0	2	0	2
9688	0	0	0	1	0	1
9689	0	0	0	2	0	2
9690	0	0	0	2	0	2
9691	0	1	0	0	0	1
9692	1	0	0	2	0	3
9693	2	4	0	0	1	7
9694	1	0	1	0	0	2
9695	0	4	0	0	0	4
9696	1	0	0	2	0	3
9697	0	0	2	0	0	2
9698	0	1	0	0	0	1
9699	0	0	2	0	0	2
9700	0	0	2	0	0	2
9701	0	1	0	0	0	1
9702	0	0	1	0	0	1
9703	0	4	0	0	0	4
9704	0	1	0	0	0	1
9705	0	0	0	1	2	3
9706	3	0	0	2	0	5
9707	0	0	1	0	0	1
9708	1	4	0	0	0	5
9709	1	0	1	0	0	2
9710	2	0	1	0	0	3
9711	0	0	0	2	0	2
9712	0	0	0	2	2	4
9713	0	0	1	0	0	1
9714	1	4	0	0	0	5
9715	1	0	0	2	0	3
9716	0	0	0	2	0	2
9717	0	0	2	0	0	2
9718	1	0	1	0	0	2
9719	0	4	0	0	0	4
9720	0	3	0	0	1	4
9721	0	2	0	0	0	2
9722	0	4	0	0	1	5
9723	1	0	2	0	0	3
9724	0	0	0	2	0	2
9725	0	0	1	0	0	1
9726	0	0	0	2	0	2
9727	1	2	0	0	0	3
9728	0	0	1	0	2	3

9729	0	0	2	0	0	2
9730	0	0	3	0	0	3
9731	0	3	0	0	0	3
9732	0	0	0	1	1	2
9733	0	4	0	0	0	4
9734	1	0	2	0	2	5
9735	2	0	1	0	0	3
9736	0	0	0	2	1	3
9737	0	3	0	0	0	3
9738	0	0	0	1	0	1
9739	2	3	0	0	0	5
9740	0	1	0	0	0	1
9741	0	4	0	0	2	6
9742	0	0	1	0	0	1
9743	0	2	0	0	1	3
9744	0	4	0	0	0	4
9745	0	0	0	2	0	2
9746	0	3	0	0	2	5
9747	0	2	0	0	0	2
9748	0	0	1	0	0	1
9749	3	0	0	2	0	5
9750	0	0	2	0	0	2
9751	0	0	0	1	0	1
9752	0	0	0	2	0	2
9753	0	3	0	0	1	4
9754	1	4	0	0	1	6
9755	0	0	2	0	0	2
9756	1	0	0	1	2	4
9757	2	4	0	0	0	6
9758	0	0	0	2	0	2
9759	0	3	0	0	0	3
9760	0	1	0	0	0	1
9761	0	4	0	0	0	4
9762	0	0	2	0	0	2
9763	1	0	0	2	0	3
9764	0	0	0	2	0	2
9765	0	0	1	0	0	1
9766	0	0	0	2	0	2
9767	0	0	2	0	2	4
9768	0	0	2	0	0	2
9769	3	0	0	1	1	5
9770	0	0	0	2	0	2
9771	0	1	0	0	0	1
9772	0	0	0	1	2	3
9773	0	4	0	0	0	4
9774	2	3	0	0	0	5
9775	4	2	0	0	0	6

9776	0	0	0	2	0	2
9777	0	1	0	0	0	1
9778	0	0	1	0	0	1
9779	0	0	0	1	0	1
9780	1	2	0	0	0	3
9781	0	4	0	0	0	4
9782	3	0	0	2	2	7
9783	0	4	0	0	0	4
9784	0	0	2	0	0	2
9785	0	0	2	0	1	3
9786	0	3	0	0	2	5
9787	0	0	0	1	0	1
9788	0	2	0	0	0	2
9789	1	0	0	2	0	3
9790	2	0	0	1	0	3
9791	4	0	0	2	0	6
9792	2	0	1	0	0	3
9793	0	4	0	0	0	4
9794	0	0	0	2	0	2
9795	0	0	0	2	0	2
9796	1	0	1	0	0	2
9797	0	0	1	0	0	1
9798	0	0	2	0	0	2
9799	0	4	0	0	0	4
9800	1	3	0	0	0	4
9801	4	0	0	2	1	7
9802	0	0	0	2	0	2
9803	0	0	0	2	0	2
9804	0	0	0	1	0	1
9805	0	0	2	0	2	4
9806	0	0	0	2	2	4
9807	0	4	0	0	0	4
9808	0	0	0	2	1	3
9809	0	2	0	0	0	2
9810	0	0	2	0	0	2
9811	0	0	1	0	0	1
9812	0	3	0	0	0	3
9813	2	2	0	0	0	4
9814	0	3	0	0	0	3
9815	0	2	0	0	0	2
9816	3	0	0	2	0	5
9817	0	2	0	0	0	2
9818	3	0	0	2	0	5
9819	0	2	0	0	0	2
9820	0	4	0	0	0	4
9821	0	0	0	1	0	1
9822	0	0	1	0	0	1

9823	0	1	0	0	0	1
9824	0	0	1	0	0	1
9825	0	2	0	0	0	2
9826	0	0	1	0	0	1
9827	1	0	2	0	0	3
9828	0	1	0	0	0	1
9829	0	0	0	2	2	4
9830	0	2	0	0	0	2
9831	0	0	2	0	0	2
9832	1	4	0	0	0	5
9833	3	0	0	2	0	5
9834	0	0	0	1	0	1
9835	0	4	0	0	0	4
9836	0	2	0	0	2	4
9837	0	3	0	0	2	5
9838	0	4	0	0	0	4
9839	0	2	0	0	0	2
9840	0	0	0	2	2	4
9841	0	0	1	0	0	1
9842	1	2	0	0	0	3
9843	2	0	0	1	2	5
9844	3	0	0	1	0	4
9845	0	0	0	2	2	4
9846	0	1	0	0	0	1
9847	0	2	0	0	0	2
9848	1	2	0	0	1	4
9849	2	0	0	1	0	3
9850	2	0	0	2	0	4
9851	1	1	0	0	0	2
9852	0	0	0	2	1	3
9853	0	1	0	0	1	2
9854	0	0	0	2	0	2
9855	0	0	0	2	0	2
9856	0	2	0	0	1	3
9857	0	0	0	2	0	2
9858	0	0	0	1	0	1
9859	0	0	1	0	0	1
9860	0	1	0	0	0	1
9861	0	2	0	0	0	2
9862	0	2	0	0	0	2
9863	0	1	0	0	1	2
9864	0	0	0	1	1	2
9865	0	0	3	0	2	5
9866	0	2	0	0	0	2
9867	0	0	0	1	0	1
9868	0	2	0	0	0	2
9869	0	0	0	1	1	2

9870	0	0	2	0	0	2
9871	2	3	0	0	0	5
9872	1	0	0	2	0	3
9873	0	1	0	0	0	1
9874	0	0	2	0	0	2
9875	0	1	0	0	2	3
9876	0	0	0	2	0	2
9877	0	0	2	0	0	2
9878	0	1	0	0	1	2
9879	2	2	0	0	0	4
9880	0	0	1	0	0	1
9881	4	3	0	0	1	8
9882	0	0	0	2	1	3
9883	0	0	1	0	0	1
9884	0	2	0	0	0	2
9885	0	0	1	0	0	1
9886	0	0	0	1	0	1
9887	0	2	0	0	0	2
9888	0	0	0	2	0	2
9889	0	0	0	2	0	2
9890	1	0	1	0	0	2
9891	0	0	1	0	0	1
9892	1	1	0	0	0	2
9893	0	0	4	0	1	5
9894	0	3	0	0	1	4
9895	0	1	0	0	1	2
9896	0	0	1	0	0	1
9897	0	0	0	1	0	1
9898	0	0	2	0	1	3
9899	0	0	0	2	0	2
9900	0	2	0	0	0	2
9901	3	1	0	0	0	4
9902	0	0	0	2	0	2
9903	0	1	0	0	0	1
9904	0	4	0	0	0	4
9905	0	0	2	0	1	3
9906	1	0	0	2	2	5
9907	1	0	0	1	2	4
9908	0	2	0	0	0	2
9909	0	0	0	2	0	2
9910	2	0	0	1	0	3
9911	0	0	0	2	0	2
9912	2	3	0	0	0	5
9913	0	3	0	0	0	3
9914	0	0	2	0	0	2
9915	0	0	0	1	0	1
9916	0	0	0	2	0	2

9917	0	0	2	0	0	2
9918	1	4	0	0	0	5
9919	0	2	0	0	2	4
9920	2	2	0	0	0	4
9921	0	1	0	0	2	3
9922	1	0	2	0	1	4
9923	0	0	1	0	0	1
9924	1	1	0	0	0	2
9925	2	0	2	0	0	4
9926	1	4	0	0	2	7
9927	0	4	0	0	1	5
9928	0	0	1	0	0	1
9929	2	0	0	2	0	4
9930	0	4	0	0	0	4
9931	1	0	0	2	0	3
9932	0	0	0	2	0	2
9933	0	0	1	0	0	1
9934	1	0	2	0	0	3
9935	0	0	0	1	1	2
9936	2	0	0	1	0	3
9937	1	0	0	2	0	3
9938	0	0	2	0	0	2
9939	0	3	0	0	0	3
9940	0	0	0	1	2	3
9941	0	0	0	2	0	2
9942	0	0	2	0	0	2
9943	0	0	0	1	0	1
9944	0	0	1	0	0	1
9945	1	0	1	0	0	2
9946	0	0	4	0	0	4
9947	0	0	0	2	1	3
9948	0	0	1	0	0	1
9949	0	0	0	2	0	2
9950	1	2	0	0	0	3
9951	0	0	3	0	2	5
9952	0	4	0	0	0	4
9953	0	1	0	0	0	1
9954	0	0	1	0	0	1
9955	0	3	0	0	0	3
9956	0	4	0	0	0	4
9957	0	0	0	2	0	2
9958	0	0	0	2	0	2
9959	1	0	0	1	0	2
9960	0	0	0	1	2	3
9961	0	0	0	1	1	2
9962	0	0	1	0	0	1
9963	0	1	0	0	0	1

9964	0	0	2	0	0	2
9965	0	3	0	0	0	3
9966	2	0	3	0	0	5
9967	0	0	1	0	1	2
9968	0	2	0	0	0	2
9969	1	0	0	1	0	2
9970	0	0	0	2	0	2
9971	1	0	1	0	0	2
9972	0	0	1	0	0	1
9973	0	3	0	0	0	3
9974	0	2	0	0	1	3
9975	0	2	0	0	0	2
9976	0	0	2	0	0	2
9977	0	4	0	0	1	5
9978	0	0	3	0	1	4
9979	0	0	2	0	0	2
9980	0	0	0	2	0	2
9981	0	0	0	2	0	2
9982	0	0	2	0	1	3
9983	0	0	2	0	0	2
9984	0	0	2	0	0	2
9985	0	2	0	0	2	4
9986	0	2	0	0	2	4
9987	0	3	0	0	0	3
9988	1	3	0	0	0	4
9989	0	0	2	0	2	4
9990	1	0	0	2	0	3
9991	0	1	0	0	0	1
9992	0	4	0	0	0	4
9993	0	3	0	0	1	4
9994	0	0	0	2	0	2
9995	1	4	0	0	0	5
9996	0	0	0	1	0	1
9997	0	0	1	0	0	1
9998	2	2	0	0	0	4
9999	0	0	0	2	0	2
10000	0	0	1	0	1	2
10001	1	1	0	0	0	2
10002	2	0	1	0	0	3
10003	0	0	2	0	0	2
10004	0	0	0	2	0	2
10005	0	0	0	2	0	2
10006	0	0	1	0	2	3
10007	0	1	0	0	0	1
10008	0	2	0	0	0	2
10009	1	2	0	0	0	3
10010	0	0	1	0	0	1

10011	0	0	0	2	2	4
10012	0	0	2	0	1	3
10013	4	3	0	0	0	7
10014	0	1	0	0	0	1
10015	0	1	0	0	2	3
10016	1	0	0	2	0	3
10017	1	0	0	1	1	3
10018	0	0	1	0	0	1
10019	0	0	1	0	0	1
10020	0	0	2	0	0	2
10021	0	1	0	0	0	1
10022	0	0	1	0	2	3
10023	0	0	2	0	0	2
10024	0	0	1	0	1	2
10025	2	2	0	0	0	4
10026	0	0	0	1	2	3
10027	0	3	0	0	0	3
10028	0	3	0	0	0	3
10029	0	0	1	0	2	3
10030	0	0	2	0	1	3
10031	0	0	2	0	0	2
10032	2	0	0	1	0	3
10033	0	2	0	0	1	3
10034	0	0	0	2	0	2
10035	0	0	0	2	0	2
10036	0	0	2	0	0	2
10037	1	0	0	2	0	3
10038	0	2	0	0	0	2
10039	0	2	0	0	0	2
10040	0	3	0	0	0	3
10041	0	0	0	2	1	3
10042	0	0	2	0	0	2
10043	0	2	0	0	0	2
10044	0	3	0	0	0	3
10045	0	0	2	0	1	3
10046	2	0	1	0	0	3
10047	0	0	1	0	1	2
10048	0	0	2	0	2	4
10049	0	0	2	0	0	2
10050	0	1	0	0	0	1
10051	0	4	0	0	0	4
10052	1	3	0	0	1	5
10053	0	2	0	0	0	2
10054	0	2	0	0	0	2
10055	1	0	0	1	0	2
10056	0	0	2	0	0	2
10057	0	0	0	1	0	1

10058	1	0	0	2	0	3
10059	1	0	2	0	0	3
10060	0	2	0	0	1	3
10061	1	0	1	0	0	2
10062	1	0	2	0	0	3
10063	2	4	0	0	0	6
10064	1	3	0	0	0	4
10065	0	3	0	0	2	5
10066	1	2	0	0	0	3
10067	1	4	0	0	0	5
10068	0	0	0	2	0	2
10069	3	0	1	0	0	4
10070	0	3	0	0	0	3
10071	0	0	1	0	0	1
10072	1	0	0	1	0	2
10073	0	0	0	1	0	1
10074	0	0	0	2	0	2
10075	0	0	2	0	0	2
10076	0	1	0	0	1	2
10077	1	0	0	2	0	3
10078	0	0	1	0	1	2
10079	0	0	0	2	0	2
10080	0	0	1	0	0	1
10081	1	0	2	0	0	3
10082	0	0	0	2	0	2
10083	1	3	0	0	0	4
10084	0	0	0	1	2	3
10085	1	0	0	2	0	3
10086	0	0	0	1	0	1
10087	2	0	2	0	0	4
10088	0	0	1	0	0	1
10089	3	0	0	2	0	5
10090	0	1	0	0	0	1
10091	0	0	0	2	0	2
10092	0	0	0	2	0	2
10093	0	0	0	1	0	1
10094	0	0	2	0	1	3
10095	3	3	0	0	0	6
10096	1	0	0	2	1	4
10097	0	0	1	0	0	1
10098	0	4	0	0	0	4
10099	2	0	2	0	0	4
10100	0	0	4	0	0	4
10101	0	4	0	0	0	4
10102	0	0	1	0	0	1
10103	2	4	0	0	0	6
10104	0	4	0	0	0	4

10105	0	1	0	0	1	2
10106	0	0	0	2	0	2
10107	0	1	0	0	0	1
10108	0	4	0	0	0	4
10109	1	3	0	0	0	4
10110	0	0	0	2	0	2
10111	0	0	2	0	1	3
10112	0	1	0	0	0	1
10113	4	0	0	2	0	6
10114	0	2	0	0	1	3
10115	0	0	0	1	0	1
10116	1	1	0	0	0	2
10117	0	0	0	2	1	3
10118	0	0	2	0	2	4
10119	0	3	0	0	0	3
10120	4	0	1	0	0	5
10121	0	0	0	2	0	2
10122	0	2	0	0	0	2
10123	0	0	0	2	0	2
10124	0	0	1	0	0	1
10125	0	0	0	2	0	2
10126	1	0	2	0	0	3
10127	0	1	0	0	0	1
10128	0	0	0	1	0	1
10129	1	1	0	0	0	2
10130	0	0	0	2	0	2
10131	1	3	0	0	2	6
10132	0	0	1	0	0	1
10133	0	4	0	0	1	5
10134	1	0	0	1	0	2
10135	0	0	0	1	0	1
10136	0	2	0	0	0	2
10137	0	2	0	0	0	2
10138	0	4	0	0	0	4
10139	0	0	2	0	0	2
10140	1	0	0	2	0	3
10141	1	0	1	0	1	3
10142	0	0	2	0	0	2
10143	0	2	0	0	2	4
10144	0	0	1	0	0	1
10145	0	0	2	0	0	2
10146	0	0	1	0	1	2
10147	0	0	2	0	0	2
10148	1	4	0	0	0	5
10149	0	0	2	0	0	2
10150	0	0	0	1	0	1
10151	1	1	0	0	0	2

10152	0	0	0	1	2	3
10153	0	0	1	0	0	1
10154	4	1	0	0	0	5
10155	0	4	0	0	0	4
10156	1	0	1	0	0	2
10157	0	4	0	0	0	4
10158	2	0	0	2	0	4
10159	0	2	0	0	0	2
10160	2	1	0	0	1	4
10161	2	0	0	2	0	4
10162	0	0	1	0	0	1
10163	0	0	0	2	0	2
10164	0	0	0	2	0	2
10165	0	0	0	2	0	2
10166	3	0	2	0	0	5
10167	0	3	0	0	0	3
10168	1	0	0	2	2	5
10169	4	1	0	0	0	5
10170	1	2	0	0	0	3
10171	2	0	0	1	0	3
10172	0	0	0	1	0	1
10173	0	3	0	0	1	4
10174	0	0	0	2	0	2
10175	0	0	0	1	1	2
10176	0	0	0	2	0	2
10177	0	3	0	0	0	3
10178	0	0	4	0	0	4
10179	2	0	0	2	2	6
10180	0	0	1	0	0	1
10181	0	4	0	0	0	4
10182	0	0	1	0	0	1
10183	3	0	1	0	0	4
10184	0	0	0	2	0	2
10185	0	4	0	0	2	6
10186	2	0	0	1	0	3
10187	0	3	0	0	0	3
10188	0	4	0	0	0	4
10189	2	0	0	2	0	4
10190	0	1	0	0	0	1
10191	2	0	2	0	2	6
10192	1	3	0	0	0	4
10193	0	3	0	0	1	4
10194	0	0	1	0	0	1
10195	0	0	0	2	0	2
10196	0	0	1	0	0	1
10197	1	0	0	1	0	2
10198	0	0	2	0	0	2

10199	0	0	0	2	0	2
10200	0	0	0	2	1	3
10201	0	2	0	0	0	2
10202	0	0	0	2	0	2
10203	0	0	0	1	0	1
10204	0	1	0	0	0	1
10205	2	0	1	0	0	3
10206	0	0	2	0	0	2
10207	0	0	0	2	1	3
10208	0	2	0	0	0	2
10209	0	4	0	0	0	4
10210	1	0	2	0	2	5
10211	3	0	2	0	0	5
10212	0	0	0	2	0	2
10213	0	3	0	0	0	3
10214	0	2	0	0	1	3
10215	0	0	0	2	0	2
10216	0	2	0	0	0	2
10217	0	0	0	2	0	2
10218	0	0	1	0	0	1
10219	0	3	0	0	0	3
10220	1	2	0	0	0	3
10221	1	0	0	1	0	2
10222	0	0	1	0	0	1
10223	0	0	2	0	0	2
10224	0	0	0	2	0	2
10225	0	0	1	0	0	1
10226	0	3	0	0	0	3
10227	0	0	1	0	0	1
10228	0	2	0	0	0	2
10229	0	4	0	0	0	4
10230	0	2	0	0	0	2
10231	0	0	3	0	0	3
10232	0	0	3	0	2	5
10233	3	0	0	2	1	6
10234	1	0	1	0	0	2
10235	1	0	0	1	2	4
10236	0	3	0	0	1	4
10237	0	0	1	0	1	2
10238	0	4	0	0	0	4
10239	0	2	0	0	0	2
10240	0	0	1	0	1	2
10241	1	0	3	0	0	4
10242	0	1	0	0	0	1
10243	0	0	1	0	0	1
10244	1	0	1	0	0	2
10245	1	0	0	2	0	3

10246	0	2	0	0	0	2
10247	0	0	0	2	0	2
10248	0	0	1	0	0	1
10249	0	0	2	0	0	2
10250	0	0	0	2	0	2
10251	0	3	0	0	0	3
10252	1	0	1	0	0	2
10253	0	0	0	1	0	1
10254	2	4	0	0	0	6
10255	2	3	0	0	0	5
10256	0	0	0	1	1	2
10257	0	0	0	2	0	2
10258	0	2	0	0	0	2
10259	0	2	0	0	0	2
10260	0	1	0	0	0	1
10261	1	0	0	1	0	2
10262	0	0	2	0	0	2
10263	0	3	0	0	1	4
10264	0	0	0	2	0	2
10265	0	3	0	0	1	4
10266	0	0	0	1	2	3
10267	2	0	3	0	0	5
10268	0	0	3	0	0	3
10269	0	0	2	0	1	3
10270	0	0	2	0	0	2
10271	0	4	0	0	0	4
10272	1	4	0	0	0	5
10273	0	0	1	0	0	1
10274	0	4	0	0	1	5
10275	0	4	0	0	0	4
10276	0	1	0	0	0	1
10277	0	0	1	0	2	3
10278	0	0	0	2	2	4
10279	2	0	1	0	0	3
10280	0	0	0	1	0	1
10281	0	0	0	2	0	2
10282	1	0	0	2	0	3
10283	0	3	0	0	1	4
10284	1	0	1	0	0	2
10285	0	0	2	0	2	4
10286	0	0	0	1	0	1
10287	0	0	1	0	0	1
10288	1	0	0	2	1	4
10289	1	0	1	0	0	2
10290	0	4	0	0	0	4
10291	0	0	2	0	0	2
10292	0	0	1	0	0	1

10293	0	4	0	0	1	5
10294	1	0	0	1	0	2
10295	1	2	0	0	2	5
10296	0	1	0	0	0	1
10297	2	2	0	0	0	4
10298	1	3	0	0	1	5
10299	0	3	0	0	0	3
10300	1	3	0	0	0	4
10301	0	3	0	0	0	3
10302	0	0	0	1	2	3
10303	0	4	0	0	0	4
10304	0	4	0	0	0	4
10305	0	3	0	0	0	3
10306	2	0	0	1	1	4
10307	0	0	0	1	2	3
10308	1	3	0	0	2	6
10309	0	0	0	2	0	2
10310	0	0	1	0	0	1
10311	0	0	2	0	0	2
10312	0	0	0	2	0	2
10313	0	0	0	2	2	4
10314	0	0	0	2	0	2
10315	0	0	0	1	1	2
10316	0	0	2	0	0	2
10317	0	3	0	0	0	3
10318	1	0	2	0	0	3
10319	0	0	1	0	0	1
10320	2	0	2	0	0	4
10321	0	3	0	0	0	3
10322	0	0	0	2	0	2
10323	0	0	0	2	0	2
10324	0	2	0	0	0	2
10325	0	0	0	1	0	1
10326	0	0	0	2	0	2
10327	0	0	2	0	0	2
10328	0	3	0	0	0	3
10329	0	0	0	2	0	2
10330	1	3	0	0	0	4
10331	0	4	0	0	0	4
10332	0	0	0	1	1	2
10333	1	0	0	2	0	3
10334	0	4	0	0	0	4
10335	0	3	0	0	0	3
10336	0	0	1	0	0	1
10337	0	4	0	0	1	5
10338	0	2	0	0	0	2
10339	0	1	0	0	0	1

10340	0	0	2	0	0	2
10341	0	0	2	0	0	2
10342	0	3	0	0	0	3
10343	1	0	0	2	0	3
10344	0	0	2	0	2	4
10345	3	0	1	0	0	4
10346	1	2	0	0	1	4
10347	0	0	2	0	1	3
10348	0	0	1	0	0	1
10349	0	1	0	0	0	1
10350	0	0	1	0	0	1
10351	1	0	3	0	0	4
10352	0	0	2	0	0	2
10353	3	0	2	0	0	5
10354	0	3	0	0	0	3
10355	0	0	0	1	0	1
10356	0	0	0	1	0	1
10357	0	0	0	2	0	2
10358	0	2	0	0	0	2
10359	3	1	0	0	0	4
10360	1	4	0	0	0	5
10361	0	0	2	0	0	2
10362	0	4	0	0	0	4
10363	0	0	0	1	0	1
10364	1	0	0	1	2	4
10365	0	1	0	0	0	1
10366	1	0	3	0	0	4
10367	0	0	0	2	2	4
10368	1	2	0	0	0	3
10369	0	1	0	0	0	1
10370	0	2	0	0	0	2
10371	0	0	0	2	0	2
10372	1	1	0	0	0	2
10373	4	1	0	0	0	5
10374	0	0	1	0	0	1
10375	0	2	0	0	0	2
10376	0	0	4	0	0	4
10377	0	1	0	0	1	2
10378	1	0	1	0	0	2
10379	0	4	0	0	2	6
10380	0	3	0	0	0	3
10381	0	1	0	0	1	2
10382	0	0	0	2	0	2
10383	0	0	2	0	0	2
10384	0	0	2	0	0	2
10385	0	3	0	0	0	3
10386	0	3	0	0	0	3

10387	1	0	0	1	0	2
10388	0	4	0	0	0	4
10389	0	4	0	0	0	4
10390	0	0	2	0	0	2
10391	1	0	4	0	0	5
10392	0	0	0	2	0	2
10393	0	0	1	0	0	1
10394	0	3	0	0	0	3
10395	1	2	0	0	0	3
10396	1	0	2	0	0	3
10397	0	3	0	0	0	3
10398	0	0	0	2	0	2
10399	0	0	0	2	0	2
10400	1	3	0	0	0	4
10401	0	0	0	1	0	1
10402	0	0	0	2	1	3
10403	1	0	0	2	0	3
10404	1	1	0	0	0	2
10405	1	3	0	0	0	4
10406	2	1	0	0	2	5
10407	0	0	1	0	1	2
10408	0	4	0	0	0	4
10409	0	4	0	0	0	4
10410	0	0	0	2	0	2
10411	0	0	1	0	0	1
10412	0	4	0	0	0	4
10413	1	0	0	2	1	4
10414	1	0	0	2	2	5
10415	2	0	0	2	1	5
10416	1	0	1	0	0	2
10417	2	0	1	0	1	4
10418	0	0	2	0	0	2
10419	1	0	0	2	0	3
10420	0	4	0	0	0	4
10421	2	2	0	0	0	4
10422	0	1	0	0	0	1
10423	0	3	0	0	2	5
10424	0	0	1	0	0	1
10425	0	0	0	2	0	2
10426	0	1	0	0	1	2
10427	1	3	0	0	0	4
10428	0	4	0	0	1	5
10429	0	0	1	0	0	1
10430	0	3	0	0	0	3
10431	0	0	2	0	0	2
10432	0	0	1	0	0	1
10433	0	4	0	0	0	4

10434	0	3	0	0	2	5
10435	0	0	0	2	0	2
10436	0	0	0	2	1	3
10437	0	2	0	0	0	2
10438	0	0	0	2	0	2
10439	1	0	0	1	0	2
10440	1	0	0	2	2	5
10441	0	0	1	0	0	1
10442	0	0	0	2	0	2
10443	2	0	0	1	1	4
10444	0	4	0	0	2	6
10445	0	1	0	0	0	1
10446	1	0	0	2	0	3
10447	0	4	0	0	0	4
10448	0	0	2	0	0	2
10449	0	0	0	2	0	2
10450	2	0	0	2	0	4
10451	0	0	0	2	0	2
10452	0	4	0	0	1	5
10453	0	1	0	0	1	2
10454	0	0	1	0	0	1
10455	1	2	0	0	0	3
10456	0	3	0	0	1	4
10457	0	3	0	0	0	3
10458	0	0	2	0	0	2
10459	0	0	1	0	0	1
10460	0	0	2	0	0	2
10461	0	0	1	0	0	1
10462	0	1	0	0	2	3
10463	0	3	0	0	2	5
10464	1	0	0	2	0	3
10465	1	0	2	0	0	3
10466	0	0	0	2	0	2
10467	0	3	0	0	0	3
10468	0	0	0	2	2	4
10469	0	0	1	0	0	1
10470	0	0	1	0	0	1
10471	0	4	0	0	0	4
10472	0	2	0	0	0	2
10473	0	0	0	1	0	1
10474	0	0	0	2	0	2
10475	0	0	0	2	2	4
10476	1	0	2	0	0	3
10477	0	4	0	0	0	4
10478	0	0	0	1	0	1
10479	0	4	0	0	0	4
10480	0	0	2	0	0	2

10481	0	0	0	1	0	1
10482	0	2	0	0	0	2
10483	1	0	0	2	0	3
10484	0	0	0	2	2	4
10485	0	4	0	0	0	4
10486	0	0	0	1	0	1
10487	1	0	0	1	0	2
10488	0	0	2	0	0	2
10489	1	1	0	0	0	2
10490	0	0	0	2	0	2
10491	0	3	0	0	0	3
10492	0	0	2	0	0	2
10493	0	1	0	0	0	1
10494	0	0	0	2	0	2
10495	0	0	0	1	0	1
10496	0	4	0	0	1	5
10497	0	4	0	0	1	5
10498	0	0	0	2	2	4
10499	1	0	0	1	0	2
10500	0	1	0	0	2	3
10501	0	0	0	1	1	2
10502	0	2	0	0	0	2
10503	0	2	0	0	0	2
10504	1	0	0	1	0	2
10505	0	0	2	0	0	2
10506	0	0	0	2	0	2
10507	0	4	0	0	0	4
10508	0	2	0	0	0	2
10509	0	1	0	0	0	1
10510	0	0	1	0	0	1
10511	0	0	2	0	0	2
10512	0	3	0	0	0	3
10513	1	1	0	0	0	2
10514	0	0	3	0	2	5
10515	0	4	0	0	0	4
10516	1	0	2	0	1	4
10517	0	4	0	0	0	4
10518	0	0	1	0	0	1
10519	1	2	0	0	2	5
10520	0	0	1	0	0	1
10521	2	0	0	2	0	4
10522	0	0	0	2	0	2
10523	1	0	3	0	0	4
10524	0	0	0	2	0	2
10525	0	0	0	2	0	2
10526	0	0	0	2	2	4
10527	1	0	2	0	0	3

10528	0	0	0	2	0	2
10529	0	0	0	2	0	2
10530	0	1	0	0	0	1
10531	1	3	0	0	0	4
10532	0	0	1	0	0	1
10533	0	0	2	0	1	3
10534	0	3	0	0	1	4
10535	0	2	0	0	0	2
10536	0	2	0	0	0	2
10537	0	0	2	0	0	2
10538	0	0	0	1	1	2
10539	0	1	0	0	0	1
10540	0	3	0	0	0	3
10541	0	0	2	0	0	2
10542	0	4	0	0	2	6
10543	0	4	0	0	1	5
10544	0	3	0	0	0	3
10545	0	0	2	0	0	2
10546	0	0	1	0	2	3
10547	1	0	1	0	2	4
10548	0	0	0	2	0	2
10549	1	0	0	2	0	3
10550	0	2	0	0	0	2
10551	0	4	0	0	0	4
10552	0	0	2	0	0	2
10553	1	3	0	0	0	4
10554	0	0	0	2	0	2
10555	0	4	0	0	0	4
10556	0	1	0	0	0	1
10557	0	0	0	2	0	2
10558	0	0	0	2	0	2
10559	0	2	0	0	0	2
10560	1	0	0	2	0	3
10561	0	0	0	2	0	2
10562	0	0	2	0	0	2
10563	0	3	0	0	0	3
10564	0	0	2	0	1	3
10565	0	0	2	0	0	2
10566	0	0	1	0	0	1
10567	1	3	0	0	0	4
10568	1	0	0	2	0	3
10569	0	4	0	0	0	4
10570	0	0	1	0	1	2
10571	0	0	2	0	0	2
10572	0	0	2	0	0	2
10573	0	4	0	0	0	4
10574	0	0	0	2	1	3

10575	0	0	2	0	0	2
10576	0	2	0	0	0	2
10577	0	0	0	1	2	3
10578	2	0	0	2	0	4
10579	0	0	0	1	0	1
10580	0	0	0	2	0	2
10581	0	0	0	2	0	2
10582	0	1	0	0	0	1
10583	0	0	0	1	0	1
10584	0	0	1	0	2	3
10585	0	4	0	0	0	4
10586	1	4	0	0	0	5
10587	0	4	0	0	0	4
10588	0	0	0	2	0	2
10589	0	4	0	0	0	4
10590	0	4	0	0	0	4
10591	2	0	0	1	0	3
10592	0	0	0	2	2	4
10593	0	3	0	0	0	3
10594	1	0	0	2	2	5
10595	0	0	0	2	0	2
10596	0	0	1	0	1	2
10597	0	0	0	1	0	1
10598	0	0	2	0	0	2
10599	0	0	0	2	0	2
10600	1	2	0	0	0	3
10601	0	3	0	0	0	3
10602	0	0	2	0	2	4
10603	0	2	0	0	1	3
10604	0	2	0	0	2	4
10605	1	0	2	0	0	3
10606	0	0	0	2	0	2
10607	1	0	0	1	0	2
10608	0	0	0	1	0	1
10609	1	0	2	0	0	3
10610	3	0	2	0	0	5
10611	0	0	0	2	0	2
10612	1	0	0	2	0	3
10613	0	0	1	0	0	1
10614	0	0	0	2	0	2
10615	0	0	1	0	0	1
10616	0	0	0	2	0	2
10617	1	0	1	0	2	4
10618	0	0	2	0	0	2
10619	3	0	0	1	1	5
10620	0	0	4	0	1	5
10621	1	0	2	0	1	4

10622	0	4	0	0	0	4
10623	2	1	0	0	0	3
10624	0	0	0	1	0	1
10625	0	4	0	0	1	5
10626	1	0	0	2	0	3
10627	2	1	0	0	0	3
10628	0	3	0	0	0	3
10629	0	0	1	0	0	1
10630	0	0	0	2	0	2
10631	0	4	0	0	2	6
10632	0	0	0	2	0	2
10633	0	4	0	0	0	4
10634	0	0	0	2	0	2
10635	0	0	0	2	0	2
10636	0	0	0	1	0	1
10637	0	4	0	0	0	4
10638	2	0	0	2	2	6
10639	0	1	0	0	0	1
10640	0	0	0	1	0	1
10641	0	0	2	0	0	2
10642	0	2	0	0	0	2
10643	0	0	2	0	2	4
10644	0	0	0	2	0	2
10645	0	0	0	2	2	4
10646	0	1	0	0	0	1
10647	0	4	0	0	0	4
10648	0	0	0	2	0	2
10649	0	0	2	0	2	4
10650	3	4	0	0	0	7
10651	0	0	2	0	1	3
10652	2	1	0	0	1	4
10653	3	0	2	0	0	5
10654	0	0	2	0	1	3
10655	0	0	1	0	0	1
10656	1	0	0	1	2	4
10657	0	0	2	0	0	2
10658	1	4	0	0	0	5
10659	0	0	3	0	0	3
10660	0	4	0	0	0	4
10661	0	0	0	2	1	3
10662	0	2	0	0	0	2
10663	0	1	0	0	0	1
10664	1	3	0	0	2	6
10665	1	0	2	0	0	3
10666	2	1	0	0	1	4
10667	0	0	1	0	0	1
10668	1	2	0	0	1	4

10669	1	0	0	2	0	3
10670	1	2	0	0	2	5
10671	0	1	0	0	0	1
10672	0	4	0	0	0	4
10673	0	0	0	2	0	2
10674	0	3	0	0	0	3
10675	3	0	2	0	1	6
10676	0	2	0	0	0	2
10677	1	4	0	0	0	5
10678	0	0	1	0	0	1
10679	1	3	0	0	0	4
10680	1	4	0	0	0	5
10681	0	0	0	2	0	2
10682	0	0	2	0	1	3
10683	0	0	0	2	0	2
10684	1	0	0	1	0	2
10685	0	0	2	0	2	4
10686	0	0	2	0	0	2
10687	0	3	0	0	0	3
10688	0	0	2	0	0	2
10689	0	2	0	0	2	4
10690	0	1	0	0	0	1
10691	3	2	0	0	0	5
10692	2	4	0	0	0	6
10693	0	0	2	0	1	3
10694	0	0	2	0	0	2
10695	0	0	0	2	0	2
10696	0	2	0	0	0	2
10697	0	2	0	0	0	2
10698	0	0	0	1	2	3
10699	1	0	2	0	0	3
10700	3	0	0	1	1	5
10701	0	2	0	0	0	2
10702	0	2	0	0	0	2
10703	0	0	0	2	0	2
10704	0	3	0	0	0	3
10705	1	0	1	0	2	4
10706	0	2	0	0	0	2
10707	0	0	0	2	1	3
10708	0	0	0	2	0	2
10709	0	0	0	2	1	3
10710	0	1	0	0	1	2
10711	3	0	0	2	0	5
10712	0	0	1	0	1	2
10713	1	0	3	0	0	4
10714	0	4	0	0	0	4
10715	0	0	0	2	0	2

10716	0	0	1	0	0	1
10717	1	0	2	0	0	3
10718	0	0	1	0	0	1
10719	0	0	2	0	0	2
10720	2	0	0	1	0	3
10721	0	0	1	0	0	1
10722	0	3	0	0	0	3
10723	1	3	0	0	0	4
10724	0	4	0	0	0	4
10725	0	0	0	1	0	1
10726	1	4	0	0	0	5
10727	0	0	0	2	0	2
10728	0	0	2	0	0	2
10729	0	0	1	0	0	1
10730	2	4	0	0	0	6
10731	1	0	0	2	0	3
10732	0	0	1	0	0	1
10733	0	0	0	2	0	2
10734	0	1	0	0	1	2
10735	3	4	0	0	0	7
10736	0	2	0	0	0	2
10737	1	0	1	0	0	2
10738	1	0	0	1	0	2
10739	1	3	0	0	1	5
10740	0	0	1	0	1	2
10741	1	0	0	2	0	3
10742	0	0	0	1	0	1
10743	0	2	0	0	0	2
10744	0	0	0	2	0	2
10745	0	0	0	2	0	2
10746	0	0	0	1	0	1
10747	0	0	0	2	1	3
10748	0	2	0	0	1	3
10749	0	0	0	1	0	1
10750	0	0	0	1	0	1
10751	0	0	0	2	2	4
10752	0	2	0	0	2	4
10753	2	0	0	2	2	6
10754	2	0	2	0	1	5
10755	0	0	0	2	0	2
10756	4	4	0	0	0	8
10757	2	0	0	2	0	4
10758	0	0	0	2	0	2
10759	0	0	0	2	0	2
10760	0	3	0	0	0	3
10761	0	0	0	2	1	3
10762	2	0	0	2	0	4

10763	0	3	0	0	0	3
10764	0	0	0	1	0	1
10765	0	0	1	0	0	1
10766	0	3	0	0	0	3
10767	0	0	0	1	0	1
10768	0	2	0	0	0	2
10769	0	2	0	0	0	2
10770	0	0	0	2	0	2
10771	0	4	0	0	0	4
10772	1	1	0	0	0	2
10773	0	0	0	1	0	1
10774	0	0	2	0	0	2
10775	0	0	2	0	2	4
10776	0	2	0	0	0	2
10777	0	0	0	2	0	2
10778	0	0	1	0	0	1
10779	0	0	1	0	0	1
10780	0	0	1	0	0	1
10781	0	0	0	2	0	2
10782	0	0	4	0	0	4
10783	4	0	0	1	0	5
10784	0	0	1	0	0	1
10785	0	0	1	0	1	2
10786	0	2	0	0	0	2
10787	4	4	0	0	2	10
10788	1	0	0	2	0	3
10789	0	0	4	0	0	4
10790	0	2	0	0	0	2
10791	0	0	0	2	0	2
10792	1	1	0	0	0	2
10793	0	4	0	0	0	4
10794	3	0	2	0	2	7
10795	0	0	0	2	0	2
10796	0	0	0	1	0	1
10797	0	0	1	0	0	1
10798	1	0	0	2	0	3
10799	2	4	0	0	1	7
10800	0	0	0	2	0	2
10801	0	2	0	0	0	2
10802	0	0	3	0	0	3
10803	0	0	1	0	0	1
10804	0	4	0	0	1	5
10805	0	4	0	0	0	4
10806	0	0	1	0	0	1
10807	1	4	0	0	0	5
10808	1	0	0	2	0	3
10809	0	2	0	0	1	3

10810	1	0	0	2	0	3
10811	0	3	0	0	0	3
10812	2	4	0	0	0	6
10813	0	0	0	1	2	3
10814	0	0	2	0	2	4
10815	0	0	4	0	0	4
10816	0	0	0	1	0	1
10817	0	0	0	1	0	1
10818	0	4	0	0	1	5
10819	0	3	0	0	0	3
10820	0	4	0	0	0	4
10821	0	0	0	2	0	2
10822	0	0	0	1	0	1
10823	0	3	0	0	0	3
10824	0	1	0	0	0	1
10825	0	4	0	0	1	5
10826	2	4	0	0	0	6
10827	2	0	0	1	0	3
10828	0	0	0	2	0	2
10829	0	4	0	0	0	4
10830	0	0	0	1	2	3
10831	0	0	0	1	0	1
10832	0	0	2	0	0	2
10833	4	0	0	2	0	6
10834	2	0	0	2	0	4
10835	0	4	0	0	0	4
10836	3	0	0	2	0	5
10837	0	4	0	0	2	6
10838	0	0	0	2	0	2
10839	0	4	0	0	0	4
10840	0	0	0	1	0	1
10841	1	0	2	0	0	3
10842	1	1	0	0	0	2
10843	1	4	0	0	0	5
10844	0	0	1	0	0	1
10845	0	0	3	0	0	3
10846	0	4	0	0	0	4
10847	0	0	0	2	1	3
10848	2	4	0	0	0	6
10849	0	4	0	0	0	4
10850	4	4	0	0	0	8
10851	0	3	0	0	2	5
10852	0	0	0	2	0	2
10853	0	1	0	0	0	1
10854	0	0	1	0	2	3
10855	0	0	0	2	1	3
10856	0	4	0	0	1	5

10857	0	0	0	2	0	2
10858	0	0	0	2	0	2
10859	1	4	0	0	0	5
10860	0	2	0	0	0	2
10861	0	0	2	0	0	2
10862	1	1	0	0	0	2
10863	0	1	0	0	0	1
10864	0	0	1	0	0	1
10865	0	0	1	0	0	1
10866	0	3	0	0	0	3
10867	0	0	0	2	1	3
10868	0	2	0	0	0	2
10869	0	0	3	0	0	3
10870	2	3	0	0	1	6
10871	4	0	1	0	0	5
10872	0	0	2	0	0	2
10873	0	0	0	1	0	1
10874	0	1	0	0	0	1
10875	1	0	1	0	0	2
10876	0	0	3	0	0	3
10877	0	1	0	0	0	1
10878	0	0	1	0	0	1
10879	0	0	0	2	0	2
10880	0	0	0	2	0	2
10881	0	0	0	1	1	2
10882	0	0	0	1	0	1
10883	1	3	0	0	0	4
10884	0	0	3	0	0	3
10885	0	0	0	2	2	4
10886	0	0	0	1	0	1
10887	1	3	0	0	0	4
10888	1	0	3	0	0	4
10889	0	0	2	0	0	2
10890	1	2	0	0	0	3
10891	0	4	0	0	0	4
10892	0	0	0	2	2	4
10893	0	0	1	0	0	1
10894	1	2	0	0	0	3
10895	0	0	3	0	1	4
10896	0	0	2	0	0	2
10897	1	0	1	0	0	2
10898	0	0	1	0	0	1
10899	0	0	0	2	0	2
10900	0	4	0	0	2	6
10901	0	0	0	2	0	2
10902	0	3	0	0	0	3
10903	0	0	2	0	1	3

10904	0	0	0	1	0	1
10905	0	0	0	1	0	1
10906	0	4	0	0	2	6
10907	0	0	1	0	0	1
10908	0	0	1	0	2	3
10909	0	2	0	0	0	2
10910	1	0	2	0	0	3
10911	0	0	0	2	0	2
10912	0	1	0	0	1	2
10913	0	0	1	0	0	1
10914	0	0	1	0	0	1
10915	2	2	0	0	0	4
10916	3	1	0	0	0	4
10917	0	1	0	0	0	1
10918	2	4	0	0	0	6
10919	0	4	0	0	2	6
10920	2	0	0	1	0	3
10921	0	0	1	0	0	1
10922	0	4	0	0	2	6
10923	0	0	0	2	2	4
10924	0	2	0	0	0	2
10925	0	0	2	0	1	3
10926	0	4	0	0	2	6
10927	0	0	0	1	0	1
10928	2	0	2	0	0	4
10929	0	0	1	0	0	1
10930	0	2	0	0	0	2
10931	0	4	0	0	0	4
10932	2	2	0	0	0	4
10933	3	1	0	0	0	4
10934	0	0	0	2	2	4
10935	1	0	3	0	1	5
10936	0	0	1	0	0	1
10937	2	2	0	0	0	4
10938	0	3	0	0	0	3
10939	3	0	2	0	0	5
10940	1	1	0	0	1	3
10941	0	0	2	0	0	2
10942	0	2	0	0	2	4
10943	0	0	0	2	0	2
10944	0	0	1	0	0	1
10945	0	0	0	2	0	2
10946	2	1	0	0	0	3
10947	1	1	0	0	0	2
10948	0	0	0	2	1	3
10949	0	0	2	0	2	4
10950	0	0	0	1	0	1

10951	0	4	0	0	0	4
10952	0	2	0	0	0	2
10953	0	0	2	0	0	2
10954	0	0	0	2	0	2
10955	1	0	2	0	1	4
10956	0	0	4	0	0	4
10957	0	4	0	0	0	4
10958	0	0	0	1	0	1
10959	0	4	0	0	0	4
10960	0	0	0	2	0	2
10961	3	0	0	1	0	4
10962	0	4	0	0	0	4
10963	0	1	0	0	0	1
10964	0	2	0	0	0	2
10965	0	1	0	0	0	1
10966	0	0	2	0	0	2
10967	1	0	0	1	0	2
10968	0	0	1	0	0	1
10969	0	0	0	2	2	4
10970	0	0	1	0	0	1
10971	2	0	0	1	0	3
10972	0	0	1	0	0	1
10973	2	0	0	1	0	3
10974	0	0	0	2	0	2
10975	0	4	0	0	0	4
10976	0	0	4	0	0	4
10977	1	0	0	2	0	3
10978	0	0	1	0	0	1
10979	2	0	0	2	2	6
10980	2	0	2	0	0	4
10981	0	0	1	0	0	1
10982	1	0	0	2	2	5
10983	0	1	0	0	0	1
10984	0	0	0	2	0	2
10985	0	0	1	0	0	1
10986	0	3	0	0	0	3
10987	0	4	0	0	0	4
10988	0	0	0	2	0	2
10989	0	0	0	2	0	2
10990	0	0	2	0	0	2
10991	0	0	1	0	0	1
10992	0	0	2	0	0	2
10993	0	1	0	0	0	1
10994	0	0	2	0	0	2
10995	0	0	2	0	0	2
10996	0	0	0	1	2	3
10997	0	0	1	0	0	1

10998	2	0	3	0	0	5
10999	0	1	0	0	0	1
11000	0	2	0	0	0	2
11001	0	0	0	2	0	2
11002	1	2	0	0	0	3
11003	1	0	1	0	0	2
11004	0	4	0	0	0	4
11005	0	0	1	0	0	1
11006	0	0	0	2	0	2
11007	0	4	0	0	0	4
11008	0	0	0	2	0	2
11009	0	4	0	0	0	4
11010	0	0	2	0	0	2
11011	0	3	0	0	0	3
11012	0	3	0	0	2	5
11013	0	1	0	0	0	1
11014	0	0	1	0	0	1
11015	1	0	0	2	2	5
11016	0	3	0	0	0	3
11017	0	3	0	0	0	3
11018	0	0	3	0	0	3
11019	0	0	0	2	0	2
11020	1	2	0	0	0	3
11021	1	0	0	1	0	2
11022	0	0	2	0	0	2
11023	0	0	0	1	0	1
11024	0	2	0	0	0	2
11025	0	0	0	1	0	1
11026	0	0	0	1	0	1
11027	0	0	4	0	0	4
11028	0	4	0	0	0	4
11029	0	3	0	0	0	3
11030	2	0	0	2	2	6
11031	0	0	0	2	0	2
11032	0	0	0	2	0	2
11033	0	0	0	2	0	2
11034	0	0	0	2	0	2
11035	0	0	0	2	1	3
11036	0	0	1	0	0	1
11037	0	1	0	0	0	1
11038	0	0	0	1	0	1
11039	0	0	0	1	0	1
11040	0	2	0	0	0	2
11041	0	0	2	0	0	2
11042	0	4	0	0	0	4
11043	0	3	0	0	0	3
11044	0	1	0	0	0	1

11045	0	4	0	0	0	4
11046	0	0	1	0	0	1
11047	0	0	0	1	0	1
11048	1	0	2	0	2	5
11049	1	2	0	0	0	3
11050	1	4	0	0	0	5
11051	0	0	1	0	2	3
11052	0	3	0	0	0	3
11053	3	4	0	0	0	7
11054	0	2	0	0	2	4
11055	0	0	0	1	0	1
11056	0	1	0	0	2	3
11057	0	4	0	0	0	4
11058	1	0	1	0	0	2
11059	0	0	1	0	2	3
11060	0	0	2	0	0	2
11061	1	2	0	0	0	3
11062	0	0	2	0	0	2
11063	0	0	1	0	0	1
11064	0	4	0	0	0	4
11065	4	0	0	2	1	7
11066	0	1	0	0	0	1
11067	0	0	0	1	0	1
11068	0	2	0	0	0	2
11069	0	3	0	0	0	3
11070	0	2	0	0	0	2
11071	0	0	2	0	0	2
11072	0	0	1	0	0	1
11073	0	0	2	0	0	2
11074	0	0	0	2	0	2
11075	1	0	0	1	0	2
11076	0	1	0	0	1	2
11077	0	3	0	0	0	3
11078	1	2	0	0	1	4
11079	0	0	2	0	0	2
11080	0	2	0	0	2	4
11081	0	2	0	0	0	2
11082	1	4	0	0	0	5
11083	0	0	1	0	0	1
11084	0	0	1	0	0	1
11085	0	0	1	0	0	1
11086	1	0	0	2	0	3
11087	0	1	0	0	2	3
11088	0	3	0	0	0	3
11089	0	0	0	2	0	2
11090	0	0	3	0	0	3
11091	0	4	0	0	0	4

11092	0	0	0	1	1	2
11093	1	0	1	0	1	3
11094	0	0	2	0	0	2
11095	0	0	0	2	0	2
11096	0	4	0	0	0	4
11097	3	0	0	2	1	6
11098	1	0	0	2	0	3
11099	0	3	0	0	1	4
11100	0	0	1	0	0	1
11101	2	4	0	0	0	6
11102	0	0	0	1	0	1
11103	0	0	2	0	0	2
11104	0	0	0	1	0	1
11105	0	0	2	0	0	2
11106	0	0	0	1	0	1
11107	0	2	0	0	0	2
11108	0	0	1	0	2	3
11109	2	0	3	0	0	5
11110	0	1	0	0	0	1
11111	0	0	0	2	0	2
11112	0	0	0	2	0	2
11113	0	2	0	0	0	2
11114	0	1	0	0	0	1
11115	0	0	2	0	0	2
11116	0	3	0	0	0	3
11117	2	3	0	0	1	6
11118	0	0	1	0	0	1
11119	1	3	0	0	0	4
11120	0	0	1	0	0	1
11121	0	0	0	1	0	1
11122	0	3	0	0	0	3
11123	1	0	1	0	0	2
11124	4	0	0	2	0	6
11125	0	0	1	0	2	3
11126	0	0	0	2	0	2
11127	0	0	4	0	0	4
11128	0	4	0	0	0	4
11129	0	0	2	0	2	4
11130	1	3	0	0	0	4
11131	1	4	0	0	0	5
11132	1	0	0	2	0	3
11133	0	0	2	0	0	2
11134	0	3	0	0	2	5
11135	0	3	0	0	0	3
11136	0	4	0	0	0	4
11137	1	4	0	0	0	5
11138	0	3	0	0	0	3

11139	0	0	0	2	0	2
11140	0	4	0	0	2	6
11141	3	4	0	0	0	7
11142	0	0	0	2	0	2
11143	0	0	0	2	0	2
11144	0	1	0	0	0	1
11145	0	3	0	0	2	5
11146	0	0	0	2	0	2
11147	3	0	2	0	0	5
11148	0	0	0	1	1	2
11149	0	1	0	0	0	1
11150	1	0	0	2	0	3
11151	2	0	1	0	2	5
11152	2	0	0	2	0	4
11153	0	0	0	2	0	2
11154	0	0	0	2	0	2
11155	0	0	0	1	0	1
11156	1	0	2	0	0	3
11157	0	2	0	0	2	4
11158	0	0	0	1	1	2
11159	0	0	0	2	0	2
11160	0	1	0	0	2	3
11161	2	0	0	1	0	3
11162	0	0	0	2	1	3
11163	0	0	2	0	2	4
11164	1	4	0	0	0	5
11165	0	0	0	1	0	1
11166	0	0	0	1	0	1
11167	0	3	0	0	0	3
11168	0	2	0	0	0	2
11169	0	0	2	0	0	2
11170	0	3	0	0	0	3
11171	0	3	0	0	0	3
11172	0	3	0	0	1	4
11173	4	0	2	0	0	6
11174	1	0	0	2	0	3
11175	1	1	0	0	1	3
11176	0	0	1	0	0	1
11177	0	0	2	0	2	4
11178	1	0	1	0	0	2
11179	0	0	2	0	0	2
11180	1	2	0	0	0	3
11181	0	2	0	0	0	2
11182	0	4	0	0	0	4
11183	0	3	0	0	1	4
11184	0	0	1	0	0	1
11185	0	1	0	0	2	3

11186	2	3	0	0	0	5
11187	0	0	2	0	0	2
11188	0	0	0	1	0	1
11189	1	0	0	2	0	3
11190	0	0	2	0	2	4
11191	0	0	0	2	0	2
11192	0	0	0	2	1	3
11193	0	0	0	2	1	3
11194	0	2	0	0	0	2
11195	0	3	0	0	1	4
11196	0	3	0	0	0	3
11197	3	0	2	0	0	5
11198	0	4	0	0	2	6
11199	0	3	0	0	0	3
11200	1	0	0	2	2	5
11201	0	3	0	0	0	3
11202	0	4	0	0	1	5
11203	3	1	0	0	0	4
11204	0	3	0	0	0	3
11205	0	0	2	0	0	2
11206	1	3	0	0	0	4
11207	0	0	1	0	0	1
11208	0	0	2	0	0	2
11209	0	0	1	0	0	1
11210	2	1	0	0	0	3
11211	0	1	0	0	0	1
11212	0	0	1	0	0	1
11213	0	0	0	1	2	3
11214	1	0	0	1	1	3
11215	0	0	0	2	0	2
11216	0	1	0	0	1	2
11217	0	0	2	0	0	2
11218	0	0	2	0	1	3
11219	4	0	2	0	0	6
11220	0	2	0	0	1	3
11221	0	0	0	2	1	3
11222	0	0	0	1	0	1
11223	1	0	3	0	0	4
11224	0	0	0	1	0	1
11225	0	4	0	0	0	4
11226	1	0	0	2	0	3
11227	0	0	0	2	0	2
11228	0	2	0	0	0	2
11229	0	0	2	0	0	2
11230	0	0	2	0	0	2
11231	0	0	0	2	0	2
11232	0	0	0	2	0	2

11233	0	2	0	0	0	2
11234	0	0	0	2	0	2
11235	0	0	2	0	0	2
11236	0	3	0	0	0	3
11237	0	0	0	1	0	1
11238	0	0	0	2	1	3
11239	2	1	0	0	0	3
11240	0	3	0	0	0	3
11241	1	1	0	0	1	3
11242	0	0	0	2	0	2
11243	0	0	1	0	0	1
11244	0	0	0	1	2	3
11245	0	1	0	0	0	1
11246	0	3	0	0	0	3
11247	0	1	0	0	0	1
11248	0	0	0	1	1	2
11249	0	0	2	0	0	2
11250	0	1	0	0	2	3
11251	0	0	0	2	1	3
11252	0	4	0	0	0	4
11253	0	0	2	0	1	3
11254	0	0	0	2	0	2
11255	0	1	0	0	0	1
11256	0	2	0	0	0	2
11257	0	1	0	0	0	1
11258	0	0	1	0	0	1
11259	0	4	0	0	0	4
11260	0	3	0	0	2	5
11261	2	1	0	0	2	5
11262	0	0	0	1	0	1
11263	0	0	2	0	0	2
11264	0	1	0	0	0	1
11265	2	0	0	2	0	4
11266	0	0	0	2	1	3
11267	2	0	0	2	0	4
11268	0	0	0	2	0	2
11269	0	0	1	0	0	1
11270	1	0	2	0	0	3
11271	0	4	0	0	0	4
11272	0	4	0	0	0	4
11273	0	4	0	0	0	4
11274	1	0	1	0	0	2
11275	0	3	0	0	0	3
11276	0	4	0	0	2	6
11277	0	0	0	2	2	4
11278	0	1	0	0	0	1
11279	1	3	0	0	0	4

11280	0	0	0	2	0	2
11281	0	2	0	0	2	4
11282	0	1	0	0	0	1
11283	0	0	0	2	0	2
11284	0	0	1	0	0	1
11285	2	4	0	0	0	6
11286	0	0	1	0	0	1
11287	0	0	0	1	0	1
11288	0	4	0	0	0	4
11289	0	3	0	0	1	4
11290	0	0	0	1	0	1
11291	0	0	0	2	2	4
11292	0	1	0	0	0	1
11293	0	0	2	0	2	4
11294	0	0	3	0	0	3
11295	0	4	0	0	0	4
11296	1	0	1	0	0	2
11297	1	3	0	0	2	6
11298	0	0	0	2	0	2
11299	0	0	2	0	0	2
11300	0	4	0	0	0	4
11301	0	0	1	0	1	2
11302	0	1	0	0	0	1
11303	4	0	1	0	0	5
11304	0	0	0	2	0	2
11305	0	0	2	0	1	3
11306	0	0	4	0	0	4
11307	0	0	0	1	1	2
11308	0	4	0	0	0	4
11309	0	0	2	0	2	4
11310	0	2	0	0	0	2
11311	1	0	3	0	0	4
11312	0	0	1	0	0	1
11313	0	2	0	0	0	2
11314	0	0	0	1	0	1
11315	0	3	0	0	2	5
11316	0	0	0	2	0	2
11317	0	3	0	0	0	3
11318	0	0	0	1	0	1
11319	0	0	2	0	2	4
11320	0	1	0	0	0	1
11321	0	0	0	2	0	2
11322	0	4	0	0	0	4
11323	1	4	0	0	0	5
11324	1	2	0	0	1	4
11325	0	0	0	1	2	3
11326	0	0	0	1	0	1

11327	0	0	0	2	2	4
11328	0	0	1	0	0	1
11329	0	2	0	0	0	2
11330	0	3	0	0	0	3
11331	0	0	1	0	0	1
11332	4	0	2	0	0	6
11333	2	3	0	0	0	5
11334	0	0	2	0	0	2
11335	1	4	0	0	0	5
11336	0	0	0	2	0	2
11337	0	0	1	0	0	1
11338	0	3	0	0	0	3
11339	0	0	0	2	2	4
11340	0	2	0	0	0	2
11341	0	4	0	0	1	5
11342	0	0	2	0	0	2
11343	1	3	0	0	0	4
11344	0	2	0	0	0	2
11345	0	0	0	2	1	3
11346	0	0	0	2	1	3
11347	0	0	0	1	2	3
11348	2	3	0	0	0	5
11349	0	1	0	0	0	1
11350	0	1	0	0	0	1
11351	0	0	2	0	0	2
11352	0	0	2	0	0	2
11353	2	0	2	0	0	4
11354	0	0	1	0	0	1
11355	0	4	0	0	0	4
11356	0	0	2	0	0	2
11357	0	0	0	2	0	2
11358	0	0	0	1	1	2
11359	0	1	0	0	1	2
11360	0	0	1	0	2	3
11361	0	0	0	2	1	3
11362	0	0	0	2	0	2
11363	0	0	2	0	0	2
11364	0	4	0	0	0	4
11365	0	0	1	0	0	1
11366	0	0	0	1	0	1
11367	0	3	0	0	0	3
11368	0	2	0	0	0	2
11369	0	0	0	2	0	2
11370	0	0	0	2	0	2
11371	0	0	0	2	0	2
11372	0	4	0	0	0	4
11373	0	0	0	2	0	2

11374	0	0	0	1	0	1
11375	0	0	1	0	0	1
11376	0	0	0	1	0	1
11377	0	0	0	2	2	4
11378	0	0	1	0	0	1
11379	0	0	0	2	0	2
11380	0	0	0	2	1	3
11381	0	0	1	0	1	2
11382	2	3	0	0	0	5
11383	0	0	0	2	0	2
11384	0	3	0	0	0	3
11385	0	2	0	0	0	2
11386	4	3	0	0	1	8
11387	0	0	2	0	0	2
11388	0	0	1	0	0	1
11389	1	0	1	0	0	2
11390	0	1	0	0	2	3
11391	0	4	0	0	0	4
11392	1	3	0	0	0	4
11393	2	4	0	0	0	6
11394	0	0	0	2	1	3
11395	0	2	0	0	0	2
11396	0	1	0	0	1	2
11397	0	0	0	2	2	4
11398	0	0	0	1	0	1
11399	0	0	3	0	0	3
11400	0	0	2	0	0	2
11401	1	2	0	0	0	3
11402	0	0	0	2	0	2
11403	1	3	0	0	0	4
11404	0	0	1	0	0	1
11405	1	0	0	2	0	3
11406	0	0	0	2	1	3
11407	0	4	0	0	0	4
11408	0	2	0	0	0	2
11409	0	0	0	2	1	3
11410	0	3	0	0	0	3
11411	3	3	0	0	0	6
11412	1	3	0	0	0	4
11413	0	0	1	0	2	3
11414	0	1	0	0	0	1
11415	0	0	2	0	0	2
11416	0	0	0	2	1	3
11417	0	0	0	1	0	1
11418	0	4	0	0	0	4
11419	0	0	1	0	0	1
11420	3	0	4	0	0	7

11421	0	2	0	0	2	4
11422	0	0	0	2	0	2
11423	0	1	0	0	0	1
11424	0	3	0	0	1	4
11425	1	0	0	1	0	2
11426	0	3	0	0	0	3
11427	0	4	0	0	1	5
11428	1	0	0	1	1	3
11429	0	0	1	0	0	1
11430	0	0	2	0	1	3
11431	0	0	0	1	0	1
11432	0	0	0	2	0	2
11433	0	2	0	0	0	2
11434	0	0	0	1	0	1
11435	0	0	1	0	0	1
11436	1	0	0	2	0	3
11437	0	4	0	0	0	4
11438	0	0	1	0	0	1
11439	0	0	0	2	0	2
11440	0	0	0	2	0	2
11441	0	1	0	0	0	1
11442	1	0	0	1	0	2
11443	0	0	0	2	0	2
11444	0	0	1	0	0	1
11445	3	0	2	0	0	5
11446	0	0	2	0	0	2
11447	0	0	0	2	0	2
11448	0	2	0	0	2	4
11449	0	1	0	0	0	1
11450	0	1	0	0	0	1
11451	1	3	0	0	0	4
11452	0	0	1	0	0	1
11453	0	3	0	0	0	3
11454	0	0	0	1	0	1
11455	3	0	0	1	0	4
11456	0	2	0	0	0	2
11457	0	0	4	0	0	4
11458	0	0	2	0	1	3
11459	0	0	0	2	0	2
11460	0	0	0	2	0	2
11461	0	0	1	0	1	2
11462	0	1	0	0	2	3
11463	1	2	0	0	0	3
11464	0	0	1	0	0	1
11465	0	0	2	0	0	2
11466	1	3	0	0	0	4
11467	0	3	0	0	1	4

11468	0	0	1	0	0	1
11469	0	0	1	0	0	1
11470	0	4	0	0	0	4
11471	0	0	1	0	0	1
11472	0	1	0	0	2	3
11473	0	3	0	0	1	4
11474	0	0	0	2	0	2
11475	0	0	2	0	0	2
11476	0	0	0	2	0	2
11477	0	4	0	0	0	4
11478	0	0	0	1	0	1
11479	0	0	1	0	0	1
11480	0	0	1	0	0	1
11481	2	2	0	0	0	4
11482	0	0	1	0	0	1
11483	0	0	0	1	0	1
11484	0	1	0	0	0	1
11485	0	0	0	2	0	2
11486	0	0	0	1	0	1
11487	0	0	4	0	2	6
11488	0	3	0	0	0	3
11489	1	0	4	0	2	7
11490	1	0	1	0	0	2
11491	0	0	0	2	2	4
11492	0	0	0	1	0	1
11493	0	0	3	0	1	4
11494	0	1	0	0	0	1
11495	0	2	0	0	0	2
11496	0	1	0	0	0	1
11497	0	0	2	0	2	4
11498	3	0	0	1	0	4
11499	0	0	2	0	0	2
11500	0	3	0	0	1	4
11501	0	4	0	0	0	4
11502	1	0	0	2	2	5
11503	0	1	0	0	0	1
11504	4	0	1	0	0	5
11505	0	0	0	1	0	1
11506	0	4	0	0	0	4
11507	2	2	0	0	0	4
11508	0	1	0	0	1	2
11509	0	2	0	0	0	2
11510	0	0	0	2	0	2
11511	0	0	2	0	0	2
11512	0	1	0	0	0	1
11513	0	3	0	0	2	5
11514	0	1	0	0	0	1

11515	0	0	2	0	0	2
11516	0	0	0	2	0	2
11517	0	0	0	2	0	2
11518	0	1	0	0	0	1
11519	2	0	2	0	2	6
11520	0	0	0	2	0	2
11521	0	0	0	2	0	2
11522	1	0	0	2	0	3
11523	0	0	2	0	2	4
11524	0	0	1	0	0	1
11525	0	0	0	2	2	4
11526	0	0	2	0	2	4
11527	0	3	0	0	0	3
11528	0	0	0	2	0	2
11529	0	0	0	2	0	2
11530	0	1	0	0	0	1
11531	2	0	1	0	0	3
11532	1	0	0	2	0	3
11533	1	2	0	0	0	3
11534	0	1	0	0	0	1
11535	1	0	0	2	0	3
11536	0	0	0	2	2	4
11537	0	3	0	0	0	3
11538	0	3	0	0	0	3
11539	1	2	0	0	0	3
11540	0	4	0	0	0	4
11541	2	0	2	0	0	4
11542	0	0	0	2	0	2
11543	0	0	1	0	0	1
11544	0	1	0	0	0	1
11545	0	1	0	0	0	1
11546	0	0	0	1	0	1
11547	0	0	1	0	0	1
11548	0	3	0	0	0	3
11549	0	1	0	0	0	1
11550	0	4	0	0	0	4
11551	0	0	0	1	0	1
11552	0	4	0	0	0	4
11553	0	0	0	2	0	2
11554	0	0	3	0	0	3
11555	2	0	0	1	0	3
11556	0	2	0	0	0	2
11557	0	0	0	1	0	1
11558	0	0	0	1	1	2
11559	0	0	0	2	0	2
11560	0	0	1	0	0	1
11561	1	0	1	0	0	2

11562	4	0	0	1	2	7
11563	0	0	0	2	0	2
11564	0	2	0	0	0	2
11565	0	0	0	2	0	2
11566	0	2	0	0	0	2
11567	0	1	0	0	0	1
11568	0	0	0	2	0	2
11569	0	0	1	0	0	1
11570	1	0	0	2	0	3
11571	0	0	1	0	0	1
11572	0	0	2	0	2	4
11573	0	0	2	0	0	2
11574	0	0	2	0	0	2
11575	0	3	0	0	0	3
11576	0	0	2	0	0	2
11577	1	0	0	2	0	3
11578	0	0	1	0	0	1
11579	0	0	0	2	0	2
11580	0	3	0	0	1	4
11581	0	0	1	0	0	1
11582	0	4	0	0	0	4
11583	0	0	0	2	0	2
11584	0	0	0	1	1	2
11585	0	0	0	1	0	1
11586	0	2	0	0	0	2
11587	3	2	0	0	0	5
11588	3	0	0	1	0	4
11589	0	0	0	2	0	2
11590	0	0	2	0	1	3
11591	0	2	0	0	0	2
11592	0	4	0	0	0	4
11593	2	4	0	0	2	8
11594	0	1	0	0	0	1
11595	0	0	2	0	0	2
11596	0	0	0	1	0	1
11597	0	1	0	0	0	1
11598	3	4	0	0	0	7
11599	1	0	1	0	0	2
11600	0	3	0	0	0	3
11601	2	0	0	1	0	3
11602	0	0	1	0	0	1
11603	0	4	0	0	1	5
11604	0	1	0	0	0	1
11605	0	3	0	0	0	3
11606	0	3	0	0	0	3
11607	0	2	0	0	0	2
11608	0	0	0	2	1	3

11609	0	0	0	2	0	2
11610	0	1	0	0	0	1
11611	0	0	2	0	0	2
11612	0	0	3	0	0	3
11613	0	0	0	2	0	2
11614	1	3	0	0	0	4
11615	1	4	0	0	0	5
11616	0	0	1	0	0	1
11617	0	0	1	0	0	1
11618	0	0	2	0	0	2
11619	0	0	0	2	0	2
11620	1	0	1	0	0	2
11621	0	0	0	2	1	3
11622	2	0	2	0	0	4
11623	1	4	0	0	0	5
11624	0	1	0	0	0	1
11625	0	1	0	0	0	1
11626	0	1	0	0	0	1
11627	1	2	0	0	2	5
11628	0	0	0	2	2	4
11629	1	0	2	0	0	3
11630	0	0	0	1	1	2
11631	2	0	2	0	0	4
11632	0	0	0	1	0	1
11633	0	0	0	1	0	1
11634	0	0	0	2	0	2
11635	0	0	0	1	0	1
11636	2	0	1	0	0	3
11637	0	4	0	0	2	6
11638	0	0	2	0	0	2
11639	3	0	2	0	0	5
11640	0	1	0	0	0	1
11641	2	0	0	2	0	4
11642	1	0	1	0	0	2
11643	0	0	4	0	0	4
11644	0	0	1	0	1	2
11645	0	0	0	2	0	2
11646	1	0	0	2	0	3
11647	0	1	0	0	0	1
11648	0	0	0	1	0	1
11649	0	3	0	0	2	5
11650	0	0	1	0	0	1
11651	1	0	1	0	1	3
11652	0	0	0	2	0	2
11653	0	0	1	0	0	1
11654	0	0	0	1	0	1
11655	0	2	0	0	0	2

11656	0	0	1	0	0	1
11657	0	0	0	2	2	4
11658	2	3	0	0	0	5
11659	1	0	1	0	2	4
11660	0	0	2	0	0	2
11661	1	1	0	0	0	2
11662	0	2	0	0	1	3
11663	0	3	0	0	2	5
11664	0	0	3	0	2	5
11665	2	3	0	0	0	5
11666	1	0	2	0	1	4
11667	0	3	0	0	1	4
11668	0	0	1	0	0	1
11669	0	4	0	0	0	4
11670	1	0	1	0	0	2
11671	0	1	0	0	0	1
11672	0	2	0	0	0	2
11673	0	4	0	0	1	5
11674	0	3	0	0	0	3
11675	0	4	0	0	0	4
11676	3	0	1	0	0	4
11677	2	0	0	2	1	5
11678	1	0	0	2	0	3
11679	1	0	1	0	0	2
11680	0	4	0	0	0	4
11681	0	0	2	0	0	2
11682	0	0	1	0	0	1
11683	0	2	0	0	0	2
11684	0	0	0	2	2	4
11685	0	0	2	0	0	2
11686	1	0	1	0	0	2
11687	0	3	0	0	2	5
11688	0	4	0	0	2	6
11689	0	1	0	0	0	1
11690	0	0	1	0	0	1
11691	2	0	0	1	0	3
11692	0	0	0	1	0	1
11693	0	0	1	0	2	3
11694	0	3	0	0	1	4
11695	1	0	0	1	0	2
11696	2	3	0	0	0	5
11697	1	4	0	0	0	5
11698	0	0	0	1	0	1
11699	3	0	2	0	0	5
11700	0	2	0	0	0	2
11701	0	1	0	0	0	1
11702	0	0	0	2	0	2

11703	0	2	0	0	0	2
11704	0	4	0	0	0	4
11705	0	0	2	0	1	3
11706	0	0	0	2	1	3
11707	0	0	0	1	0	1
11708	0	4	0	0	1	5
11709	0	2	0	0	0	2
11710	0	4	0	0	2	6
11711	0	0	0	2	1	3
11712	0	0	0	1	0	1
11713	1	0	0	2	0	3
11714	1	2	0	0	0	3
11715	0	0	1	0	1	2
11716	0	0	2	0	0	2
11717	0	0	0	2	0	2
11718	1	1	0	0	0	2
11719	2	0	2	0	0	4
11720	0	0	0	1	0	1
11721	2	0	1	0	1	4
11722	0	0	0	1	0	1
11723	0	2	0	0	0	2
11724	0	2	0	0	2	4
11725	0	0	2	0	1	3
11726	0	3	0	0	0	3
11727	3	1	0	0	0	4
11728	0	0	0	1	0	1
11729	0	0	0	2	2	4
11730	0	0	0	2	0	2
11731	0	2	0	0	0	2
11732	0	0	0	2	0	2
11733	0	0	0	2	1	3
11734	0	4	0	0	0	4
11735	0	2	0	0	0	2
11736	0	0	0	1	0	1
11737	0	0	0	1	0	1
11738	0	2	0	0	0	2
11739	0	0	1	0	0	1
11740	0	0	1	0	0	1
11741	1	4	0	0	0	5
11742	0	2	0	0	2	4
11743	2	4	0	0	0	6
11744	0	0	1	0	0	1
11745	1	4	0	0	0	5
11746	0	4	0	0	0	4
11747	0	0	0	1	0	1
11748	1	2	0	0	1	4
11749	0	0	0	1	0	1

11750	0	0	0	2	2	4
11751	0	0	0	2	0	2
11752	0	1	0	0	1	2
11753	2	3	0	0	0	5
11754	0	0	0	1	0	1
11755	0	1	0	0	0	1
11756	1	4	0	0	0	5
11757	0	1	0	0	2	3
11758	0	4	0	0	0	4
11759	1	0	1	0	1	3
11760	1	0	2	0	0	3
11761	0	0	2	0	0	2
11762	0	0	1	0	1	2
11763	0	3	0	0	0	3
11764	0	0	1	0	0	1
11765	0	2	0	0	0	2
11766	0	0	0	2	2	4
11767	1	1	0	0	2	4
11768	0	4	0	0	0	4
11769	0	0	1	0	0	1
11770	0	1	0	0	0	1
11771	0	2	0	0	2	4
11772	0	0	2	0	2	4
11773	0	1	0	0	0	1
11774	0	4	0	0	2	6
11775	0	0	1	0	0	1
11776	3	0	1	0	0	4
11777	1	0	1	0	0	2
11778	0	0	0	2	0	2
11779	0	3	0	0	0	3
11780	0	0	0	1	0	1
11781	0	0	0	1	0	1
11782	0	0	1	0	0	1
11783	2	4	0	0	0	6
11784	0	4	0	0	2	6
11785	1	0	2	0	1	4
11786	0	4	0	0	0	4
11787	0	0	0	2	0	2
11788	0	2	0	0	0	2
11789	0	4	0	0	1	5
11790	0	0	0	2	0	2
11791	0	0	2	0	0	2
11792	0	0	0	1	0	1
11793	0	0	1	0	0	1
11794	0	0	2	0	0	2
11795	0	0	2	0	0	2
11796	0	4	0	0	0	4

11797	0	0	1	0	0	1
11798	0	0	0	2	0	2
11799	0	0	0	1	2	3
11800	0	0	2	0	0	2
11801	0	0	2	0	0	2
11802	0	0	2	0	1	3
11803	0	0	0	1	0	1
11804	0	0	0	2	0	2
11805	1	3	0	0	2	6
11806	0	4	0	0	0	4
11807	0	0	2	0	1	3
11808	0	4	0	0	0	4
11809	0	4	0	0	0	4
11810	0	0	0	2	0	2
11811	0	1	0	0	0	1
11812	0	1	0	0	0	1
11813	3	0	1	0	0	4
11814	3	0	1	0	2	6
11815	0	2	0	0	0	2
11816	2	0	2	0	0	4
11817	0	4	0	0	1	5
11818	0	1	0	0	0	1
11819	0	0	1	0	0	1
11820	0	2	0	0	0	2
11821	0	0	2	0	0	2
11822	0	0	0	1	0	1
11823	0	0	0	2	0	2
11824	3	0	0	1	0	4
11825	0	0	0	2	2	4
11826	1	0	0	1	0	2
11827	0	0	0	2	0	2
11828	2	0	0	2	0	4
11829	0	0	0	2	0	2
11830	0	4	0	0	0	4
11831	0	0	1	0	0	1
11832	0	0	0	1	0	1
11833	0	0	0	2	0	2
11834	0	0	0	2	0	2
11835	0	0	0	2	0	2
11836	1	0	0	2	2	5
11837	0	0	4	0	0	4
11838	2	0	0	2	0	4
11839	0	0	0	2	0	2
11840	0	0	0	2	0	2
11841	0	3	0	0	0	3
11842	1	3	0	0	0	4
11843	0	0	3	0	0	3

11844	2	0	2	0	2	6
11845	1	0	1	0	0	2
11846	0	0	0	2	0	2
11847	1	3	0	0	0	4
11848	0	0	0	2	0	2
11849	0	0	4	0	0	4
11850	0	0	1	0	0	1
11851	0	0	0	1	0	1
11852	0	0	0	2	1	3
11853	0	0	2	0	0	2
11854	0	0	1	0	2	3
11855	0	4	0	0	0	4
11856	0	0	0	2	2	4
11857	2	1	0	0	0	3
11858	0	0	0	2	0	2
11859	0	3	0	0	0	3
11860	0	0	0	2	2	4
11861	0	0	0	2	0	2
11862	0	0	1	0	0	1
11863	0	0	0	2	1	3
11864	4	0	2	0	0	6
11865	0	3	0	0	1	4
11866	0	0	0	2	0	2
11867	0	0	0	1	0	1
11868	1	2	0	0	0	3
11869	0	2	0	0	0	2
11870	0	0	2	0	0	2
11871	0	0	1	0	0	1
11872	0	0	1	0	0	1
11873	0	0	0	2	0	2
11874	3	0	0	1	0	4
11875	3	0	0	1	0	4
11876	0	1	0	0	0	1
11877	0	3	0	0	0	3
11878	0	0	0	1	2	3
11879	0	0	1	0	2	3
11880	1	1	0	0	0	2
11881	0	0	0	2	0	2
11882	0	0	0	2	1	3
11883	0	0	0	2	0	2
11884	0	0	1	0	0	1
11885	0	0	1	0	0	1
11886	2	0	0	1	0	3
11887	0	1	0	0	0	1
11888	1	0	0	1	0	2
11889	0	0	2	0	0	2
11890	0	0	1	0	2	3

11891	1	0	0	2	2	5
11892	0	4	0	0	0	4
11893	0	3	0	0	1	4
11894	2	0	2	0	0	4
11895	0	2	0	0	0	2
11896	0	0	2	0	0	2
11897	0	0	1	0	1	2
11898	2	0	0	1	0	3
11899	0	0	0	2	0	2
11900	0	1	0	0	0	1
11901	0	3	0	0	0	3
11902	1	0	1	0	2	4
11903	0	0	2	0	0	2
11904	0	3	0	0	0	3
11905	1	1	0	0	0	2
11906	1	3	0	0	0	4
11907	0	0	2	0	2	4
11908	2	0	0	2	0	4
11909	0	0	0	1	0	1
11910	1	0	2	0	2	5
11911	0	4	0	0	0	4
11912	0	4	0	0	0	4
11913	0	0	2	0	0	2
11914	0	0	0	1	2	3
11915	0	3	0	0	0	3
11916	0	0	0	2	0	2
11917	0	3	0	0	2	5
11918	2	1	0	0	0	3
11919	0	3	0	0	0	3
11920	0	0	2	0	0	2
11921	0	0	0	2	0	2
11922	2	1	0	0	0	3
11923	0	0	0	2	0	2
11924	0	0	1	0	0	1
11925	2	0	0	2	0	4
11926	0	0	0	2	0	2
11927	1	1	0	0	0	2
11928	0	0	2	0	0	2
11929	0	0	2	0	2	4
11930	0	3	0	0	0	3
11931	0	1	0	0	0	1
11932	0	2	0	0	0	2
11933	1	0	1	0	0	2
11934	0	1	0	0	0	1
11935	3	0	2	0	0	5
11936	0	0	0	1	0	1
11937	0	4	0	0	0	4

11938	1	1	0	0	0	2
11939	0	0	0	1	0	1
11940	0	0	4	0	1	5
11941	0	0	0	2	0	2
11942	1	0	2	0	0	3
11943	0	0	1	0	2	3
11944	1	0	1	0	0	2
11945	1	3	0	0	1	5
11946	0	0	1	0	2	3
11947	0	0	0	1	0	1
11948	0	4	0	0	0	4
11949	0	0	2	0	0	2
11950	0	2	0	0	0	2
11951	1	0	0	1	0	2
11952	0	2	0	0	0	2
11953	2	4	0	0	0	6
11954	0	0	0	2	0	2
11955	1	0	0	2	0	3
11956	0	4	0	0	0	4
11957	0	2	0	0	0	2
11958	1	0	2	0	0	3
11959	0	0	2	0	0	2
11960	0	1	0	0	0	1
11961	0	3	0	0	0	3
11962	0	1	0	0	0	1
11963	0	1	0	0	0	1
11964	0	0	3	0	0	3
11965	0	0	0	1	0	1
11966	0	0	2	0	0	2
11967	0	0	0	2	0	2
11968	0	0	2	0	0	2
11969	0	0	1	0	2	3
11970	0	2	0	0	1	3
11971	0	4	0	0	0	4
11972	0	4	0	0	0	4
11973	0	1	0	0	2	3
11974	0	3	0	0	0	3
11975	0	0	1	0	0	1
11976	2	1	0	0	0	3
11977	1	2	0	0	0	3
11978	1	4	0	0	0	5
11979	0	0	2	0	0	2
11980	0	2	0	0	2	4
11981	0	4	0	0	0	4
11982	1	4	0	0	0	5
11983	0	4	0	0	0	4
11984	0	0	1	0	0	1

11985	1	0	0	1	0	2
11986	0	0	0	2	0	2
11987	0	3	0	0	0	3
11988	0	4	0	0	0	4
11989	0	0	0	2	0	2
11990	2	0	2	0	0	4
11991	0	0	0	2	0	2
11992	0	0	0	1	0	1
11993	0	0	2	0	0	2
11994	0	1	0	0	0	1
11995	0	0	1	0	0	1
11996	2	0	1	0	0	3
11997	0	0	4	0	0	4
11998	0	0	1	0	1	2
11999	1	2	0	0	1	4
12000	0	1	0	0	2	3
12001	1	2	0	0	0	3
12002	0	1	0	0	0	1
12003	0	1	0	0	0	1
12004	0	4	0	0	0	4
12005	0	0	1	0	0	1
12006	1	1	0	0	1	3
12007	0	0	0	2	0	2
12008	0	1	0	0	0	1
12009	0	0	2	0	0	2
12010	1	0	0	1	0	2
12011	1	0	0	2	0	3
12012	3	0	0	1	0	4
12013	1	1	0	0	0	2
12014	1	0	0	1	0	2
12015	1	1	0	0	0	2
12016	1	0	0	2	0	3
12017	0	4	0	0	0	4
12018	0	3	0	0	0	3
12019	0	1	0	0	0	1
12020	1	0	2	0	0	3
12021	0	0	0	1	0	1
12022	0	0	0	1	0	1
12023	0	3	0	0	1	4
12024	0	2	0	0	0	2
12025	1	0	0	1	0	2
12026	0	2	0	0	0	2
12027	0	0	1	0	0	1
12028	0	0	3	0	0	3
12029	1	0	2	0	0	3
12030	0	0	0	2	0	2
12031	0	1	0	0	0	1

12032	0	0	2	0	0	2
12033	0	0	1	0	0	1
12034	0	3	0	0	1	4
12035	1	0	1	0	0	2
12036	0	4	0	0	0	4
12037	1	2	0	0	2	5
12038	0	0	2	0	1	3
12039	0	0	0	2	0	2
12040	0	0	0	2	1	3
12041	0	2	0	0	0	2
12042	0	2	0	0	0	2
12043	3	0	0	2	2	7
12044	1	4	0	0	0	5
12045	1	0	1	0	2	4
12046	0	0	2	0	2	4
12047	0	3	0	0	0	3
12048	1	3	0	0	0	4
12049	0	1	0	0	0	1
12050	0	2	0	0	0	2
12051	0	0	0	2	0	2
12052	0	1	0	0	2	3
12053	0	4	0	0	0	4
12054	0	0	0	1	1	2
12055	1	1	0	0	0	2
12056	1	1	0	0	0	2
12057	0	0	2	0	2	4
12058	0	2	0	0	0	2
12059	0	0	0	2	0	2
12060	1	0	0	2	1	4
12061	0	1	0	0	0	1
12062	2	3	0	0	0	5
12063	0	0	2	0	0	2
12064	0	2	0	0	0	2
12065	0	0	1	0	0	1
12066	0	0	4	0	0	4
12067	0	0	1	0	0	1
12068	4	4	0	0	0	8
12069	0	2	0	0	0	2
12070	0	2	0	0	0	2
12071	0	0	1	0	0	1
12072	0	3	0	0	0	3
12073	0	0	0	2	0	2
12074	0	2	0	0	0	2
12075	1	1	0	0	2	4
12076	0	0	0	2	0	2
12077	0	0	2	0	2	4
12078	0	2	0	0	0	2

12079	0	1	0	0	0	1
12080	0	0	0	1	0	1
12081	0	2	0	0	0	2
12082	2	0	1	0	0	3
12083	0	0	0	1	0	1
12084	0	3	0	0	2	5
12085	0	0	0	2	0	2
12086	0	2	0	0	2	4
12087	0	0	1	0	2	3
12088	0	0	0	2	0	2
12089	0	0	1	0	2	3
12090	0	1	0	0	1	2
12091	0	0	2	0	0	2
12092	0	2	0	0	0	2
12093	0	0	2	0	0	2
12094	2	0	0	1	0	3
12095	0	0	1	0	0	1
12096	0	3	0	0	0	3
12097	0	2	0	0	0	2
12098	0	0	0	2	2	4
12099	0	2	0	0	1	3
12100	0	4	0	0	0	4
12101	0	1	0	0	0	1
12102	0	0	0	2	0	2
12103	2	0	0	1	0	3
12104	1	0	1	0	0	2
12105	0	0	1	0	0	1
12106	0	0	2	0	2	4
12107	0	3	0	0	1	4
12108	2	0	4	0	0	6
12109	0	0	0	1	2	3
12110	1	1	0	0	0	2
12111	0	0	0	1	2	3
12112	0	0	0	1	0	1
12113	2	1	0	0	0	3
12114	0	0	2	0	0	2
12115	0	0	0	2	2	4
12116	0	0	1	0	1	2
12117	0	0	0	2	0	2
12118	0	0	0	1	0	1
12119	0	3	0	0	0	3
12120	0	0	1	0	0	1
12121	0	0	1	0	0	1
12122	0	0	0	2	1	3
12123	0	3	0	0	0	3
12124	0	3	0	0	0	3
12125	0	0	4	0	0	4

12126	1	2	0	0	0	3
12127	0	0	0	1	2	3
12128	0	0	0	1	0	1
12129	1	0	0	2	0	3
12130	0	3	0	0	0	3
12131	0	0	0	1	0	1
12132	0	4	0	0	0	4
12133	0	0	0	1	0	1
12134	0	1	0	0	0	1
12135	0	4	0	0	0	4
12136	0	3	0	0	0	3
12137	0	3	0	0	0	3
12138	0	0	1	0	0	1
12139	0	0	0	2	0	2
12140	0	0	0	2	0	2
12141	1	0	0	2	2	5
12142	0	0	0	2	0	2
12143	0	0	2	0	0	2
12144	0	0	1	0	0	1
12145	0	0	0	1	0	1
12146	3	3	0	0	1	7
12147	0	0	2	0	2	4
12148	1	2	0	0	0	3
12149	0	1	0	0	0	1
12150	0	0	0	2	1	3
12151	1	0	2	0	0	3
12152	0	0	0	2	0	2
12153	0	0	0	1	0	1
12154	1	0	1	0	0	2
12155	0	1	0	0	0	1
12156	0	0	0	2	1	3
12157	0	2	0	0	1	3
12158	0	0	1	0	0	1
12159	2	4	0	0	0	6
12160	0	2	0	0	0	2
12161	0	0	2	0	0	2
12162	0	1	0	0	1	2
12163	0	0	0	2	0	2
12164	2	0	1	0	0	3
12165	0	2	0	0	0	2
12166	0	1	0	0	0	1
12167	1	3	0	0	0	4
12168	0	3	0	0	1	4
12169	1	0	2	0	0	3
12170	0	0	2	0	0	2
12171	0	4	0	0	2	6
12172	0	0	0	2	0	2

12173	2	0	2	0	0	4
12174	0	0	0	1	0	1
12175	0	0	0	2	0	2
12176	0	0	0	2	0	2
12177	0	0	3	0	0	3
12178	2	0	2	0	0	4
12179	0	0	0	1	0	1
12180	0	0	2	0	0	2
12181	2	0	0	2	0	4
12182	0	0	1	0	0	1
12183	0	4	0	0	0	4
12184	0	1	0	0	0	1
12185	0	3	0	0	0	3
12186	2	0	1	0	0	3
12187	1	3	0	0	0	4
12188	0	2	0	0	0	2
12189	0	1	0	0	0	1
12190	0	2	0	0	0	2
12191	0	3	0	0	2	5
12192	0	0	2	0	0	2
12193	0	1	0	0	0	1
12194	0	0	2	0	0	2
12195	0	0	1	0	2	3
12196	0	0	2	0	0	2
12197	0	0	2	0	0	2
12198	0	3	0	0	0	3
12199	1	0	0	1	1	3
12200	1	0	0	1	0	2
12201	0	0	2	0	0	2
12202	0	1	0	0	0	1
12203	0	0	1	0	0	1
12204	1	2	0	0	0	3
12205	0	3	0	0	2	5
12206	2	0	2	0	0	4
12207	0	2	0	0	0	2
12208	0	4	0	0	0	4
12209	0	3	0	0	1	4
12210	0	0	0	2	2	4
12211	0	0	1	0	0	1
12212	0	0	0	2	0	2
12213	0	2	0	0	0	2
12214	0	3	0	0	0	3
12215	0	2	0	0	0	2
12216	0	0	2	0	0	2
12217	0	1	0	0	0	1
12218	0	3	0	0	1	4
12219	3	0	1	0	0	4

12220	0	4	0	0	0	4
12221	0	4	0	0	1	5
12222	2	1	0	0	0	3
12223	4	2	0	0	2	8
12224	0	0	0	2	0	2
12225	0	1	0	0	0	1
12226	0	0	2	0	0	2
12227	3	3	0	0	1	7
12228	1	4	0	0	0	5
12229	0	0	2	0	0	2
12230	0	1	0	0	1	2
12231	1	0	1	0	0	2
12232	2	0	0	1	0	3
12233	0	3	0	0	0	3
12234	0	2	0	0	0	2
12235	0	1	0	0	0	1
12236	0	0	1	0	0	1
12237	0	0	2	0	0	2
12238	0	0	1	0	0	1
12239	0	2	0	0	0	2
12240	1	0	0	2	0	3
12241	0	4	0	0	0	4
12242	0	0	1	0	1	2
12243	2	0	1	0	0	3
12244	1	4	0	0	2	7
12245	0	3	0	0	0	3
12246	0	1	0	0	0	1
12247	0	4	0	0	0	4
12248	0	0	0	2	0	2
12249	0	3	0	0	0	3
12250	0	0	0	2	0	2
12251	0	4	0	0	1	5
12252	0	0	0	1	1	2
12253	0	0	0	1	0	1
12254	1	0	1	0	0	2
12255	1	1	0	0	0	2
12256	0	4	0	0	0	4
12257	0	4	0	0	2	6
12258	0	0	0	2	0	2
12259	2	0	2	0	2	6
12260	0	4	0	0	0	4
12261	0	1	0	0	0	1
12262	2	0	4	0	0	6
12263	0	0	3	0	2	5
12264	0	2	0	0	0	2
12265	0	0	0	2	0	2
12266	0	0	0	1	0	1

12267	0	0	0	2	0	2
12268	0	0	0	2	0	2
12269	0	0	1	0	1	2
12270	0	0	2	0	1	3
12271	0	1	0	0	0	1
12272	0	4	0	0	0	4
12273	0	0	1	0	0	1
12274	1	0	1	0	0	2
12275	2	0	2	0	0	4
12276	0	0	0	2	0	2
12277	0	0	2	0	0	2
12278	0	0	2	0	0	2
12279	1	0	0	2	0	3
12280	0	0	2	0	0	2
12281	0	1	0	0	0	1
12282	0	0	1	0	2	3
12283	0	1	0	0	0	1
12284	0	0	1	0	0	1
12285	0	0	0	1	0	1
12286	0	0	0	2	0	2
12287	0	0	4	0	0	4
12288	1	0	1	0	0	2
12289	0	2	0	0	0	2
12290	0	0	2	0	0	2
12291	0	4	0	0	0	4
12292	0	2	0	0	0	2
12293	0	4	0	0	0	4
12294	0	2	0	0	0	2
12295	0	0	0	2	0	2
12296	2	0	2	0	2	6
12297	1	3	0	0	0	4
12298	0	0	0	2	0	2
12299	0	0	0	2	0	2
12300	0	0	2	0	1	3
12301	0	0	0	2	0	2
12302	0	1	0	0	0	1
12303	0	0	1	0	0	1
12304	0	4	0	0	0	4
12305	0	1	0	0	0	1
12306	0	4	0	0	0	4
12307	3	3	0	0	0	6
12308	0	2	0	0	0	2
12309	0	2	0	0	0	2
12310	0	3	0	0	2	5
12311	1	0	1	0	0	2
12312	0	0	0	2	0	2
12313	0	1	0	0	2	3

12314	0	0	0	2	0	2
12315	0	0	0	2	0	2
12316	0	0	1	0	1	2
12317	0	1	0	0	0	1
12318	0	0	0	2	0	2
12319	1	3	0	0	0	4
12320	2	0	1	0	0	3
12321	1	2	0	0	0	3
12322	0	3	0	0	1	4
12323	1	1	0	0	0	2
12324	0	2	0	0	0	2
12325	0	0	2	0	0	2
12326	0	4	0	0	0	4
12327	1	1	0	0	2	4
12328	1	3	0	0	0	4
12329	0	0	1	0	0	1
12330	0	0	2	0	0	2
12331	1	0	0	1	0	2
12332	0	0	0	2	0	2
12333	2	0	0	1	0	3
12334	0	3	0	0	0	3
12335	1	3	0	0	0	4
12336	2	0	0	2	0	4
12337	0	0	1	0	2	3
12338	0	0	0	2	0	2
12339	2	0	1	0	0	3
12340	0	0	1	0	0	1
12341	0	2	0	0	2	4
12342	0	0	0	2	0	2
12343	0	0	2	0	0	2
12344	0	0	0	2	2	4
12345	1	0	3	0	2	6
12346	4	0	2	0	0	6
12347	0	0	0	2	0	2
12348	0	4	0	0	1	5
12349	2	3	0	0	0	5
12350	0	0	1	0	0	1
12351	0	0	2	0	0	2
12352	0	0	0	2	0	2
12353	0	0	1	0	0	1
12354	0	1	0	0	0	1
12355	0	4	0	0	0	4
12356	1	0	0	1	0	2
12357	1	0	2	0	0	3
12358	0	3	0	0	0	3
12359	0	4	0	0	0	4
12360	0	0	0	1	0	1

12361	0	3	0	0	0	3
12362	1	0	2	0	1	4
12363	0	4	0	0	0	4
12364	0	0	0	2	0	2
12365	0	0	0	1	0	1
12366	0	0	1	0	0	1
12367	0	0	2	0	0	2
12368	0	0	0	2	0	2
12369	0	4	0	0	0	4
12370	0	4	0	0	0	4
12371	1	0	1	0	0	2
12372	3	0	0	2	2	7
12373	0	4	0	0	0	4
12374	1	0	0	2	2	5
12375	1	4	0	0	0	5
12376	3	0	1	0	0	4
12377	0	0	2	0	0	2
12378	3	0	0	2	0	5
12379	0	0	2	0	0	2
12380	0	0	2	0	1	3
12381	2	3	0	0	0	5
12382	0	0	0	1	0	1
12383	0	0	0	2	1	3
12384	0	3	0	0	0	3
12385	1	0	1	0	0	2
12386	0	0	0	1	0	1
12387	0	0	1	0	0	1
12388	0	3	0	0	0	3
12389	1	2	0	0	0	3
12390	0	2	0	0	0	2
12391	0	0	2	0	0	2
12392	0	0	0	2	0	2
12393	0	0	0	2	0	2
12394	0	4	0	0	0	4
12395	4	0	0	2	1	7
12396	1	4	0	0	0	5
12397	0	2	0	0	0	2
12398	4	3	0	0	0	7
12399	0	0	0	1	0	1
12400	0	0	2	0	0	2
12401	0	0	0	1	0	1
12402	0	0	1	0	0	1
12403	0	0	0	2	0	2
12404	0	1	0	0	0	1
12405	2	0	0	2	0	4
12406	3	0	2	0	0	5
12407	2	0	1	0	1	4

12408	0	3	0	0	2	5
12409	0	0	2	0	0	2
12410	0	1	0	0	0	1
12411	0	2	0	0	0	2
12412	0	0	0	2	1	3
12413	3	2	0	0	1	6
12414	1	3	0	0	0	4
12415	0	0	0	1	0	1
12416	0	2	0	0	0	2
12417	0	0	1	0	0	1
12418	0	0	0	1	0	1
12419	0	4	0	0	0	4
12420	0	0	0	1	1	2
12421	2	0	0	1	0	3
12422	0	0	0	2	1	3
12423	0	4	0	0	1	5
12424	0	0	0	2	0	2
12425	0	3	0	0	0	3
12426	0	0	0	1	0	1
12427	0	1	0	0	0	1
12428	1	0	0	2	0	3
12429	0	4	0	0	0	4
12430	2	2	0	0	0	4
12431	0	2	0	0	1	3
12432	2	0	0	1	0	3
12433	1	1	0	0	0	2
12434	0	0	2	0	0	2
12435	0	0	2	0	0	2
12436	0	0	0	2	2	4
12437	1	0	0	2	0	3
12438	0	0	1	0	0	1
12439	1	1	0	0	0	2
12440	0	0	1	0	2	3
12441	0	1	0	0	0	1
12442	0	0	0	2	0	2
12443	0	0	0	1	0	1
12444	0	0	2	0	0	2
12445	0	0	2	0	0	2
12446	0	3	0	0	0	3
12447	0	0	0	2	0	2
12448	0	0	2	0	2	4
12449	0	0	0	1	0	1
12450	1	0	0	2	0	3
12451	0	0	0	2	0	2
12452	0	0	0	2	0	2
12453	0	0	0	2	0	2
12454	0	0	0	1	0	1

12455	0	0	1	0	0	1
12456	2	0	2	0	0	4
12457	0	0	0	2	0	2
12458	0	3	0	0	0	3
12459	0	0	1	0	1	2
12460	0	1	0	0	0	1
12461	2	0	1	0	0	3
12462	4	0	0	2	0	6
12463	0	4	0	0	1	5
12464	0	2	0	0	0	2
12465	0	0	2	0	0	2
12466	1	4	0	0	0	5
12467	0	0	0	2	0	2
12468	0	1	0	0	0	1
12469	0	0	2	0	2	4
12470	1	1	0	0	0	2
12471	0	2	0	0	0	2
12472	0	0	2	0	0	2
12473	1	0	1	0	1	3
12474	0	0	0	2	0	2
12475	0	3	0	0	0	3
12476	0	0	4	0	0	4
12477	0	2	0	0	0	2
12478	0	2	0	0	0	2
12479	0	0	0	1	0	1
12480	0	0	1	0	2	3
12481	0	0	0	1	0	1
12482	0	3	0	0	0	3
12483	0	0	0	2	0	2
12484	2	0	2	0	2	6
12485	0	0	0	1	0	1
12486	0	4	0	0	0	4
12487	0	2	0	0	0	2
12488	0	2	0	0	0	2
12489	0	0	0	1	0	1
12490	0	0	0	2	0	2
12491	3	0	2	0	0	5
12492	0	0	0	1	1	2
12493	0	0	0	1	0	1
12494	1	0	2	0	2	5
12495	1	1	0	0	0	2
12496	1	0	1	0	0	2
12497	0	0	2	0	0	2
12498	1	0	0	1	0	2
12499	0	3	0	0	0	3
12500	1	0	0	2	0	3
12501	0	0	1	0	2	3

12502	0	0	1	0	0	1
12503	0	0	0	1	0	1
12504	0	2	0	0	0	2
12505	0	0	0	1	0	1
12506	0	4	0	0	0	4
12507	0	0	1	0	2	3
12508	0	0	0	2	0	2
12509	0	0	0	2	0	2
12510	0	0	0	2	0	2
12511	0	0	1	0	0	1
12512	0	0	3	0	0	3
12513	2	4	0	0	0	6
12514	1	0	0	2	0	3
12515	0	0	2	0	0	2
12516	0	0	0	1	0	1
12517	1	2	0	0	0	3
12518	0	0	0	2	0	2
12519	0	3	0	0	0	3
12520	0	0	1	0	0	1
12521	0	4	0	0	0	4
12522	0	0	1	0	0	1
12523	0	0	0	1	0	1
12524	1	0	0	1	0	2
12525	1	0	0	2	1	4
12526	1	0	0	1	0	2
12527	0	0	1	0	0	1
12528	0	0	0	1	0	1
12529	1	0	0	2	0	3
12530	0	0	2	0	1	3
12531	0	0	0	2	0	2
12532	0	0	1	0	1	2
12533	2	0	2	0	0	4
12534	1	0	0	2	0	3
12535	0	0	2	0	0	2
12536	0	0	2	0	0	2
12537	0	4	0	0	0	4
12538	0	0	1	0	0	1
12539	0	4	0	0	0	4
12540	0	0	1	0	1	2
12541	1	1	0	0	0	2
12542	0	2	0	0	0	2
12543	1	0	1	0	0	2
12544	4	4	0	0	0	8
12545	4	2	0	0	1	7
12546	1	0	0	1	1	3
12547	0	2	0	0	0	2
12548	0	0	2	0	0	2

12549	0	0	0	2	0	2
12550	1	4	0	0	2	7
12551	0	0	1	0	0	1
12552	0	3	0	0	0	3
12553	0	0	0	2	2	4
12554	1	2	0	0	0	3
12555	0	0	0	2	0	2
12556	0	0	0	2	0	2
12557	0	0	0	1	0	1
12558	0	1	0	0	0	1
12559	1	0	0	2	0	3
12560	0	3	0	0	1	4
12561	1	0	1	0	1	3
12562	1	0	0	1	0	2
12563	0	4	0	0	0	4
12564	2	0	0	2	0	4
12565	2	0	0	2	2	6
12566	0	3	0	0	0	3
12567	0	0	0	2	0	2
12568	0	0	2	0	0	2
12569	1	0	0	2	0	3
12570	0	1	0	0	1	2
12571	0	2	0	0	0	2
12572	0	0	0	2	2	4
12573	0	0	0	2	2	4
12574	0	0	2	0	0	2
12575	3	1	0	0	0	4
12576	0	0	0	1	2	3
12577	0	2	0	0	0	2
12578	0	0	1	0	0	1
12579	0	4	0	0	1	5
12580	1	0	0	2	0	3
12581	0	1	0	0	1	2
12582	0	1	0	0	0	1
12583	0	2	0	0	0	2
12584	0	0	3	0	0	3
12585	0	2	0	0	0	2
12586	1	0	1	0	0	2
12587	0	4	0	0	0	4
12588	0	1	0	0	0	1
12589	0	4	0	0	0	4
12590	0	0	0	2	1	3
12591	0	0	0	1	0	1
12592	3	2	0	0	0	5
12593	0	0	0	2	0	2
12594	0	0	4	0	0	4
12595	0	3	0	0	0	3

12596	0	0	0	2	0	2
12597	0	3	0	0	0	3
12598	0	0	0	2	2	4
12599	0	0	0	2	0	2
12600	2	0	1	0	1	4
12601	0	0	0	2	1	3
12602	0	0	0	1	0	1
12603	0	3	0	0	0	3
12604	0	1	0	0	0	1
12605	0	2	0	0	0	2
12606	0	0	1	0	0	1
12607	0	0	0	2	0	2
12608	0	0	0	1	0	1
12609	0	3	0	0	0	3
12610	0	0	3	0	0	3
12611	1	0	0	1	0	2
12612	1	0	1	0	1	3
12613	0	2	0	0	0	2
12614	0	3	0	0	0	3
12615	0	2	0	0	0	2
12616	2	2	0	0	0	4
12617	0	0	0	2	0	2
12618	3	0	2	0	0	5
12619	1	2	0	0	0	3
12620	0	0	0	1	0	1
12621	0	0	2	0	0	2
12622	0	0	0	2	0	2
12623	0	0	0	2	2	4
12624	1	0	0	1	0	2
12625	0	4	0	0	2	6
12626	0	0	0	2	0	2
12627	1	0	1	0	0	2
12628	0	0	1	0	0	1
12629	0	1	0	0	0	1
12630	0	0	2	0	0	2
12631	0	0	0	1	2	3
12632	0	3	0	0	0	3
12633	0	0	3	0	0	3
12634	1	0	0	2	2	5
12635	0	1	0	0	2	3
12636	1	0	2	0	0	3
12637	0	3	0	0	0	3
12638	0	0	0	2	0	2
12639	1	4	0	0	0	5
12640	0	0	0	2	1	3
12641	0	0	2	0	0	2
12642	0	0	0	1	0	1

12643	1	0	3	0	2	6
12644	0	0	1	0	0	1
12645	0	3	0	0	0	3
12646	1	0	1	0	0	2
12647	0	0	0	1	0	1
12648	0	0	1	0	0	1
12649	0	0	2	0	0	2
12650	0	3	0	0	0	3
12651	0	4	0	0	0	4
12652	0	2	0	0	0	2
12653	0	0	2	0	2	4
12654	0	0	2	0	1	3
12655	0	0	2	0	0	2
12656	0	4	0	0	0	4
12657	0	0	2	0	0	2
12658	0	0	0	1	1	2
12659	0	0	0	1	0	1
12660	0	3	0	0	0	3
12661	1	2	0	0	2	5
12662	0	2	0	0	2	4
12663	0	0	0	2	1	3
12664	0	4	0	0	0	4
12665	0	4	0	0	0	4
12666	1	4	0	0	2	7
12667	0	0	1	0	0	1
12668	0	0	0	1	0	1
12669	0	2	0	0	0	2
12670	0	0	0	2	0	2
12671	1	0	0	2	0	3
12672	0	0	1	0	1	2
12673	3	0	0	2	0	5
12674	1	3	0	0	0	4
12675	0	1	0	0	2	3
12676	0	0	0	1	0	1
12677	1	2	0	0	0	3
12678	0	3	0	0	0	3
12679	3	4	0	0	2	9
12680	0	0	0	2	0	2
12681	1	2	0	0	1	4
12682	0	0	1	0	0	1
12683	0	0	1	0	0	1
12684	0	1	0	0	1	2
12685	0	0	3	0	0	3
12686	3	0	0	2	0	5
12687	0	0	0	2	1	3
12688	0	2	0	0	0	2
12689	0	3	0	0	0	3

12690	0	0	0	2	0	2
12691	0	0	1	0	2	3
12692	0	0	0	1	0	1
12693	4	0	0	2	0	6
12694	0	0	0	2	1	3
12695	1	0	0	2	0	3
12696	0	0	2	0	0	2
12697	1	2	0	0	0	3
12698	0	1	0	0	0	1
12699	0	0	0	1	0	1
12700	0	4	0	0	0	4
12701	2	0	2	0	0	4
12702	0	0	2	0	0	2
12703	0	0	0	2	0	2
12704	1	4	0	0	2	7
12705	0	4	0	0	0	4
12706	0	0	2	0	0	2
12707	0	0	2	0	0	2
12708	0	0	1	0	0	1
12709	0	2	0	0	2	4
12710	0	0	1	0	0	1
12711	0	2	0	0	0	2
12712	0	0	0	2	0	2
12713	1	1	0	0	0	2
12714	0	0	0	1	1	2
12715	1	0	0	2	1	4
12716	0	0	0	1	0	1
12717	0	0	0	2	0	2
12718	1	0	0	2	2	5
12719	0	0	0	2	0	2
12720	0	3	0	0	2	5
12721	0	3	0	0	1	4
12722	3	0	0	1	2	6
12723	1	3	0	0	1	5
12724	0	0	0	2	2	4
12725	0	0	0	2	1	3
12726	0	0	1	0	0	1
12727	0	0	2	0	0	2
12728	0	0	0	2	0	2
12729	0	0	1	0	0	1
12730	0	4	0	0	0	4
12731	0	3	0	0	0	3
12732	0	4	0	0	0	4
12733	0	0	0	2	0	2
12734	0	0	1	0	0	1
12735	0	0	1	0	0	1
12736	0	0	2	0	0	2

12737	0	0	0	2	0	2
12738	2	0	2	0	0	4
12739	0	2	0	0	0	2
12740	0	0	2	0	0	2
12741	0	0	4	0	0	4
12742	0	0	2	0	2	4
12743	0	4	0	0	0	4
12744	2	0	1	0	1	4
12745	1	0	2	0	0	3
12746	0	0	1	0	1	2
12747	0	4	0	0	0	4
12748	0	3	0	0	0	3
12749	0	1	0	0	0	1
12750	0	0	2	0	0	2
12751	1	0	1	0	0	2
12752	0	0	0	2	2	4
12753	0	4	0	0	0	4
12754	0	0	1	0	0	1
12755	0	4	0	0	0	4
12756	0	3	0	0	1	4
12757	1	0	0	2	1	4
12758	2	2	0	0	0	4
12759	0	2	0	0	1	3
12760	0	0	0	1	0	1
12761	0	0	1	0	0	1
12762	0	0	1	0	0	1
12763	0	0	0	2	0	2
12764	4	0	2	0	0	6
12765	1	3	0	0	0	4
12766	0	0	2	0	0	2
12767	1	0	1	0	0	2
12768	0	0	0	1	0	1
12769	0	0	2	0	0	2
12770	0	0	0	2	0	2
12771	0	0	1	0	2	3
12772	0	0	1	0	0	1
12773	1	3	0	0	1	5
12774	0	0	0	2	0	2
12775	0	3	0	0	2	5
12776	0	4	0	0	2	6
12777	0	3	0	0	0	3
12778	0	3	0	0	0	3
12779	0	0	0	2	0	2
12780	0	3	0	0	0	3
12781	1	0	0	2	0	3
12782	0	0	1	0	0	1
12783	0	1	0	0	1	2

12784	3	0	1	0	0	4
12785	1	0	0	2	0	3
12786	0	0	2	0	0	2
12787	1	0	1	0	0	2
12788	0	0	2	0	0	2
12789	0	2	0	0	0	2
12790	0	0	0	2	0	2
12791	0	1	0	0	0	1
12792	2	4	0	0	0	6
12793	1	0	2	0	0	3
12794	0	0	0	1	0	1
12795	0	0	0	2	0	2
12796	0	0	0	2	0	2
12797	0	1	0	0	0	1
12798	1	2	0	0	0	3
12799	3	3	0	0	1	7
12800	0	0	0	2	0	2
12801	0	4	0	0	2	6
12802	0	0	0	2	0	2
12803	0	0	1	0	0	1
12804	0	3	0	0	0	3
12805	4	1	0	0	0	5
12806	0	0	2	0	0	2
12807	0	0	1	0	1	2
12808	0	0	1	0	0	1
12809	1	0	0	1	0	2
12810	0	0	1	0	0	1
12811	0	0	0	2	0	2
12812	1	4	0	0	2	7
12813	0	0	2	0	0	2
12814	0	4	0	0	0	4
12815	0	1	0	0	2	3
12816	1	4	0	0	0	5
12817	0	0	0	2	0	2
12818	0	0	1	0	1	2
12819	0	0	2	0	1	3
12820	0	0	2	0	0	2
12821	0	1	0	0	0	1
12822	4	0	0	2	1	7
12823	0	1	0	0	0	1
12824	0	4	0	0	0	4
12825	1	3	0	0	0	4
12826	2	1	0	0	0	3
12827	0	0	2	0	0	2
12828	0	0	0	1	0	1
12829	0	0	2	0	0	2
12830	0	0	0	2	0	2

12831	1	2	0	0	0	3
12832	0	0	1	0	0	1
12833	0	0	0	2	0	2
12834	0	4	0	0	0	4
12835	0	3	0	0	1	4
12836	0	0	2	0	1	3
12837	1	0	1	0	0	2
12838	0	0	1	0	0	1
12839	0	0	2	0	1	3
12840	0	4	0	0	0	4
12841	2	0	0	2	0	4
12842	0	0	1	0	0	1
12843	1	0	2	0	0	3
12844	0	0	2	0	0	2
12845	0	2	0	0	0	2
12846	0	0	0	1	0	1
12847	0	0	0	1	0	1
12848	0	0	0	2	0	2
12849	0	0	0	1	1	2
12850	0	4	0	0	0	4
12851	0	0	2	0	0	2
12852	0	0	0	1	0	1
12853	0	3	0	0	0	3
12854	0	0	0	2	0	2
12855	1	1	0	0	0	2
12856	1	1	0	0	0	2
12857	2	0	0	1	0	3
12858	0	0	0	2	0	2
12859	0	1	0	0	1	2
12860	0	0	0	2	0	2
12861	0	0	2	0	0	2
12862	1	0	1	0	0	2
12863	0	0	1	0	0	1
12864	0	0	0	2	0	2
12865	0	4	0	0	1	5
12866	0	1	0	0	0	1
12867	2	1	0	0	0	3
12868	3	1	0	0	0	4
12869	0	0	0	2	0	2
12870	2	3	0	0	0	5
12871	0	3	0	0	0	3
12872	0	4	0	0	0	4
12873	0	0	0	2	1	3
12874	0	0	1	0	0	1
12875	1	0	0	1	1	3
12876	1	1	0	0	1	3
12877	1	0	2	0	0	3

12878	1	0	0	1	2	4
12879	0	0	0	2	0	2
12880	0	0	2	0	2	4
12881	0	0	1	0	2	3
12882	0	0	1	0	0	1
12883	1	0	2	0	2	5
12884	0	2	0	0	0	2
12885	1	4	0	0	2	7
12886	0	0	2	0	2	4
12887	0	0	0	1	0	1
12888	0	1	0	0	1	2
12889	0	4	0	0	2	6
12890	0	0	1	0	0	1
12891	0	3	0	0	0	3
12892	0	0	2	0	0	2
12893	2	2	0	0	0	4
12894	0	0	3	0	0	3
12895	0	0	2	0	0	2
12896	4	4	0	0	0	8
12897	0	0	2	0	1	3
12898	0	2	0	0	1	3
12899	0	1	0	0	2	3
12900	0	4	0	0	0	4
12901	0	2	0	0	0	2
12902	0	0	1	0	0	1
12903	3	4	0	0	0	7
12904	0	0	2	0	0	2
12905	3	3	0	0	0	6
12906	1	3	0	0	0	4
12907	0	0	2	0	0	2
12908	0	0	3	0	0	3
12909	0	0	1	0	1	2
12910	0	4	0	0	0	4
12911	0	0	0	2	0	2
12912	1	0	0	1	1	3
12913	0	3	0	0	1	4
12914	2	0	1	0	1	4
12915	0	0	0	2	0	2
12916	0	2	0	0	0	2
12917	0	1	0	0	0	1
12918	1	0	1	0	0	2
12919	0	0	0	1	0	1
12920	0	0	0	1	1	2
12921	0	0	1	0	1	2
12922	0	0	0	2	0	2
12923	0	0	0	1	0	1
12924	0	0	2	0	0	2

12925	0	1	0	0	0	1
12926	0	0	2	0	0	2
12927	0	0	0	2	2	4
12928	1	4	0	0	1	6
12929	0	1	0	0	0	1
12930	1	0	2	0	2	5
12931	0	0	2	0	0	2
12932	0	0	0	2	0	2
12933	1	4	0	0	1	6
12934	0	4	0	0	0	4
12935	0	2	0	0	0	2
12936	0	0	0	2	0	2
12937	0	0	0	1	0	1
12938	0	4	0	0	0	4
12939	0	1	0	0	0	1
12940	0	0	0	1	0	1
12941	0	0	2	0	0	2
12942	2	2	0	0	0	4
12943	0	1	0	0	0	1
12944	0	4	0	0	0	4
12945	0	3	0	0	0	3
12946	0	4	0	0	0	4
12947	1	2	0	0	0	3
12948	1	4	0	0	0	5
12949	0	0	0	2	0	2
12950	0	3	0	0	0	3
12951	0	4	0	0	0	4
12952	0	2	0	0	0	2
12953	0	4	0	0	0	4
12954	0	0	0	2	2	4
12955	0	1	0	0	0	1
12956	0	0	2	0	1	3
12957	0	0	0	1	0	1
12958	0	0	0	2	0	2
12959	0	0	3	0	0	3
12960	0	0	0	2	2	4
12961	0	0	2	0	0	2
12962	0	2	0	0	0	2
12963	0	0	0	1	0	1
12964	0	0	1	0	2	3
12965	0	3	0	0	0	3
12966	0	0	0	1	1	2
12967	0	3	0	0	0	3
12968	0	4	0	0	0	4
12969	1	0	2	0	2	5
12970	0	0	1	0	0	1
12971	0	0	0	2	0	2

12972	1	0	1	0	0	2
12973	2	4	0	0	0	6
12974	0	3	0	0	0	3
12975	0	0	0	2	0	2
12976	3	0	0	2	2	7
12977	0	0	0	2	0	2
12978	0	0	0	1	1	2
12979	1	0	1	0	0	2
12980	0	0	0	2	2	4
12981	0	0	4	0	0	4
12982	0	0	3	0	0	3
12983	3	3	0	0	0	6
12984	2	0	0	2	0	4
12985	0	0	0	1	0	1
12986	0	0	1	0	0	1
12987	0	4	0	0	0	4
12988	0	0	2	0	0	2
12989	0	4	0	0	1	5
12990	0	0	0	2	0	2
12991	2	0	0	2	0	4
12992	1	0	1	0	1	3
12993	0	0	1	0	2	3
12994	0	3	0	0	0	3
12995	0	4	0	0	0	4
12996	0	0	0	2	0	2
12997	1	4	0	0	1	6
12998	0	0	0	1	0	1
12999	0	0	1	0	1	2
13000	0	3	0	0	2	5
13001	0	0	3	0	0	3
13002	0	0	0	2	0	2
13003	0	0	2	0	0	2
13004	0	0	0	2	1	3
13005	0	0	0	1	1	2
13006	2	0	1	0	0	3
13007	0	4	0	0	0	4
13008	1	0	2	0	2	5
13009	1	1	0	0	0	2
13010	0	0	2	0	0	2
13011	0	0	3	0	0	3
13012	1	0	0	1	0	2
13013	4	0	2	0	1	7
13014	1	0	1	0	0	2
13015	0	4	0	0	0	4
13016	0	0	0	2	0	2
13017	1	0	3	0	0	4
13018	0	0	4	0	0	4

13019	0	0	1	0	2	3
13020	0	0	2	0	0	2
13021	0	0	1	0	1	2
13022	0	0	1	0	0	1
13023	0	0	0	2	0	2
13024	0	0	0	1	0	1
13025	0	0	2	0	0	2
13026	0	0	2	0	2	4
13027	0	4	0	0	0	4
13028	0	0	2	0	0	2
13029	0	0	1	0	0	1
13030	0	3	0	0	0	3
13031	0	2	0	0	0	2
13032	2	0	0	2	0	4
13033	0	0	0	2	0	2
13034	0	4	0	0	0	4
13035	0	4	0	0	0	4
13036	0	2	0	0	0	2
13037	0	0	0	1	0	1
13038	0	1	0	0	0	1
13039	0	0	4	0	1	5
13040	2	1	0	0	0	3
13041	0	0	1	0	0	1
13042	0	0	0	1	0	1
13043	1	1	0	0	0	2
13044	0	4	0	0	0	4
13045	2	3	0	0	0	5
13046	0	2	0	0	1	3
13047	0	0	0	2	0	2
13048	1	0	0	2	0	3
13049	0	0	2	0	2	4
13050	0	0	0	2	1	3
13051	0	1	0	0	1	2
13052	1	3	0	0	0	4
13053	0	3	0	0	0	3
13054	0	0	0	1	1	2
13055	0	0	3	0	0	3
13056	1	0	0	2	0	3
13057	0	4	0	0	0	4
13058	0	0	1	0	2	3
13059	0	3	0	0	0	3
13060	0	4	0	0	0	4
13061	0	0	2	0	0	2
13062	2	0	2	0	0	4
13063	0	0	1	0	0	1
13064	2	2	0	0	2	6
13065	0	0	0	2	0	2

13066	0	1	0	0	1	2
13067	1	0	0	1	0	2
13068	0	0	0	2	0	2
13069	0	0	2	0	2	4
13070	0	0	0	1	0	1
13071	0	0	0	2	1	3
13072	0	1	0	0	0	1
13073	1	0	1	0	0	2
13074	0	0	2	0	0	2
13075	0	0	0	2	0	2
13076	0	0	1	0	0	1
13077	0	0	0	2	0	2
13078	0	0	1	0	0	1
13079	0	0	0	1	0	1
13080	0	0	0	2	0	2
13081	0	0	0	1	0	1
13082	0	0	2	0	0	2
13083	0	1	0	0	0	1
13084	0	0	0	2	2	4
13085	0	2	0	0	0	2
13086	0	4	0	0	0	4
13087	0	0	2	0	0	2
13088	0	0	0	1	0	1
13089	2	1	0	0	0	3
13090	0	3	0	0	0	3
13091	1	0	1	0	0	2
13092	0	0	0	1	0	1
13093	0	3	0	0	0	3
13094	1	0	2	0	0	3
13095	0	0	1	0	0	1
13096	0	0	1	0	0	1
13097	1	0	0	1	0	2
13098	0	0	2	0	0	2
13099	0	3	0	0	0	3
13100	0	4	0	0	0	4
13101	0	0	0	1	0	1
13102	0	4	0	0	1	5
13103	2	4	0	0	0	6
13104	1	0	2	0	1	4
13105	1	0	2	0	2	5
13106	0	4	0	0	0	4
13107	1	2	0	0	0	3
13108	0	0	1	0	0	1
13109	0	0	0	2	0	2
13110	0	2	0	0	0	2
13111	0	2	0	0	0	2
13112	0	0	0	2	1	3

13113	0	3	0	0	0	3
13114	0	2	0	0	0	2
13115	0	4	0	0	0	4
13116	1	0	0	1	0	2
13117	0	0	0	1	0	1
13118	2	3	0	0	0	5
13119	0	0	0	1	2	3
13120	0	0	1	0	0	1
13121	0	0	1	0	0	1
13122	0	0	0	1	0	1
13123	0	1	0	0	0	1
13124	0	2	0	0	0	2
13125	0	0	0	2	0	2
13126	0	1	0	0	0	1
13127	0	0	2	0	0	2
13128	0	4	0	0	1	5
13129	0	1	0	0	0	1
13130	0	1	0	0	0	1
13131	0	0	0	1	1	2
13132	1	3	0	0	0	4
13133	1	4	0	0	0	5
13134	0	0	1	0	0	1
13135	1	0	0	2	0	3
13136	0	0	1	0	0	1
13137	0	1	0	0	0	1
13138	0	0	0	2	0	2
13139	0	0	2	0	2	4
13140	0	0	1	0	0	1
13141	0	0	0	1	0	1
13142	0	0	0	2	0	2
13143	3	0	1	0	0	4
13144	0	0	2	0	0	2
13145	0	0	0	2	2	4
13146	0	0	0	1	0	1
13147	0	4	0	0	1	5
13148	0	4	0	0	0	4
13149	1	4	0	0	1	6
13150	3	0	1	0	0	4
13151	0	2	0	0	0	2
13152	2	0	1	0	2	5
13153	0	0	0	2	0	2
13154	0	0	0	2	1	3
13155	0	0	4	0	0	4
13156	0	0	0	2	0	2
13157	0	4	0	0	1	5
13158	0	0	0	2	0	2
13159	0	3	0	0	0	3

13160	0	4	0	0	0	4
13161	1	4	0	0	0	5
13162	4	0	3	0	0	7
13163	0	0	2	0	0	2
13164	0	2	0	0	0	2
13165	0	0	0	1	0	1
13166	1	0	0	2	0	3
13167	0	1	0	0	0	1
13168	0	0	0	2	0	2
13169	0	0	0	1	0	1
13170	0	2	0	0	2	4
13171	0	1	0	0	0	1
13172	0	0	1	0	2	3
13173	1	0	0	1	0	2
13174	0	0	1	0	1	2
13175	0	2	0	0	1	3
13176	0	4	0	0	0	4
13177	3	0	2	0	0	5
13178	0	0	0	1	0	1
13179	0	2	0	0	2	4
13180	1	0	0	2	1	4
13181	3	0	0	1	0	4
13182	0	2	0	0	0	2
13183	1	1	0	0	0	2
13184	2	0	1	0	1	4
13185	0	2	0	0	0	2
13186	1	1	0	0	0	2
13187	1	3	0	0	0	4
13188	0	1	0	0	0	1
13189	1	0	0	1	0	2
13190	0	0	0	2	1	3
13191	3	4	0	0	2	9
13192	1	4	0	0	2	7
13193	0	0	0	2	0	2
13194	0	0	0	2	0	2
13195	0	3	0	0	0	3
13196	0	4	0	0	0	4
13197	1	1	0	0	0	2
13198	0	0	0	1	1	2
13199	0	1	0	0	0	1
13200	0	0	0	1	0	1
13201	0	0	2	0	0	2
13202	0	0	1	0	2	3
13203	0	0	1	0	1	2
13204	0	2	0	0	0	2
13205	2	0	0	1	0	3
13206	0	2	0	0	0	2

13207	0	1	0	0	0	1
13208	1	0	2	0	0	3
13209	0	1	0	0	0	1
13210	0	3	0	0	0	3
13211	3	2	0	0	0	5
13212	0	0	1	0	0	1
13213	0	2	0	0	0	2
13214	0	4	0	0	0	4
13215	0	1	0	0	0	1
13216	0	3	0	0	0	3
13217	0	0	1	0	0	1
13218	1	0	0	1	0	2
13219	0	0	1	0	2	3
13220	0	2	0	0	0	2
13221	0	0	2	0	0	2
13222	0	0	3	0	0	3
13223	1	0	2	0	0	3
13224	0	0	0	1	0	1
13225	0	0	0	1	0	1
13226	0	0	0	2	0	2
13227	2	0	2	0	1	5
13228	0	0	0	1	0	1
13229	2	0	2	0	0	4
13230	0	0	1	0	0	1
13231	0	0	1	0	2	3
13232	0	0	2	0	0	2
13233	0	0	1	0	0	1
13234	0	0	2	0	1	3
13235	0	2	0	0	0	2
13236	0	0	0	1	0	1
13237	0	3	0	0	0	3
13238	0	0	0	2	0	2
13239	0	4	0	0	2	6
13240	0	2	0	0	0	2
13241	0	0	0	1	0	1
13242	0	0	0	2	0	2
13243	0	0	1	0	1	2
13244	1	0	4	0	0	5
13245	0	3	0	0	0	3
13246	0	2	0	0	0	2
13247	0	4	0	0	1	5
13248	0	0	0	2	0	2
13249	0	0	2	0	0	2
13250	0	2	0	0	1	3
13251	0	0	1	0	0	1
13252	0	3	0	0	0	3
13253	0	0	4	0	0	4

13254	0	0	2	0	0	2
13255	0	3	0	0	0	3
13256	0	0	0	2	0	2
13257	0	2	0	0	0	2
13258	0	4	0	0	0	4
13259	0	2	0	0	0	2
13260	0	0	0	1	0	1
13261	0	0	1	0	2	3
13262	1	4	0	0	0	5
13263	0	3	0	0	0	3
13264	0	0	2	0	0	2
13265	0	0	0	2	0	2
13266	0	0	0	2	0	2
13267	0	0	1	0	0	1
13268	3	3	0	0	0	6
13269	0	0	0	1	1	2
13270	2	0	1	0	2	5
13271	0	0	2	0	0	2
13272	0	0	0	2	1	3
13273	0	3	0	0	0	3
13274	0	2	0	0	2	4
13275	0	2	0	0	1	3
13276	1	0	4	0	0	5
13277	4	0	1	0	0	5
13278	0	0	0	1	0	1
13279	1	0	0	2	0	3
13280	0	1	0	0	0	1
13281	0	0	1	0	0	1
13282	0	0	0	1	0	1
13283	0	0	0	2	0	2
13284	0	0	0	2	0	2
13285	0	0	2	0	0	2
13286	0	0	0	2	2	4
13287	0	3	0	0	0	3
13288	0	0	0	2	0	2
13289	0	0	0	2	0	2
13290	0	0	1	0	0	1
13291	0	0	0	1	0	1
13292	0	0	1	0	0	1
13293	2	0	0	1	0	3
13294	0	3	0	0	0	3
13295	0	0	0	2	0	2
13296	0	0	0	2	1	3
13297	0	3	0	0	1	4
13298	1	0	1	0	0	2
13299	0	4	0	0	2	6
13300	0	0	2	0	0	2

13301	0	4	0	0	0	4
13302	0	0	0	2	1	3
13303	0	0	2	0	1	3
13304	1	0	2	0	0	3
13305	0	1	0	0	1	2
13306	0	2	0	0	0	2
13307	0	0	0	1	2	3
13308	3	0	0	2	2	7
13309	0	0	0	2	1	3
13310	0	0	1	0	0	1
13311	1	0	0	2	0	3
13312	0	4	0	0	0	4
13313	1	1	0	0	1	3
13314	0	0	2	0	0	2
13315	0	0	0	2	1	3
13316	1	0	0	1	2	4
13317	3	0	0	2	0	5
13318	0	0	2	0	0	2
13319	2	0	0	2	0	4
13320	0	0	0	2	0	2
13321	0	1	0	0	0	1
13322	0	0	2	0	2	4
13323	0	3	0	0	0	3
13324	1	0	0	2	0	3
13325	0	0	1	0	0	1
13326	0	0	0	2	1	3
13327	0	1	0	0	1	2
13328	0	0	2	0	0	2
13329	0	0	4	0	0	4
13330	0	0	0	2	0	2
13331	1	0	1	0	1	3
13332	0	0	0	1	0	1
13333	0	0	4	0	2	6
13334	0	0	0	2	1	3
13335	1	3	0	0	0	4
13336	0	3	0	0	0	3
13337	0	2	0	0	0	2
13338	0	4	0	0	0	4
13339	0	3	0	0	0	3
13340	2	2	0	0	0	4
13341	0	0	4	0	0	4
13342	0	2	0	0	0	2
13343	0	0	2	0	0	2
13344	0	0	0	2	0	2
13345	4	2	0	0	0	6
13346	0	0	1	0	0	1
13347	1	0	0	2	0	3

13348	1	2	0	0	2	5
13349	0	0	0	1	0	1
13350	0	0	3	0	0	3
13351	0	1	0	0	0	1
13352	0	2	0	0	0	2
13353	1	0	2	0	0	3
13354	0	4	0	0	0	4
13355	0	0	0	2	0	2
13356	0	0	1	0	1	2
13357	0	2	0	0	0	2
13358	1	0	2	0	0	3
13359	0	1	0	0	0	1
13360	0	0	1	0	2	3
13361	0	4	0	0	0	4
13362	2	0	2	0	0	4
13363	0	2	0	0	0	2
13364	0	0	0	2	0	2
13365	0	1	0	0	0	1
13366	0	3	0	0	0	3
13367	0	0	1	0	0	1
13368	0	2	0	0	0	2
13369	1	1	0	0	0	2
13370	2	0	0	2	0	4
13371	0	0	0	2	0	2
13372	1	3	0	0	0	4
13373	0	1	0	0	0	1
13374	3	0	1	0	0	4
13375	0	1	0	0	0	1
13376	0	0	0	2	0	2
13377	2	3	0	0	0	5
13378	0	0	4	0	0	4
13379	0	0	0	1	2	3
13380	0	0	0	2	0	2
13381	3	1	0	0	0	4
13382	0	1	0	0	2	3
13383	0	0	0	2	0	2
13384	0	0	0	2	0	2
13385	0	0	0	2	2	4
13386	0	0	0	2	2	4
13387	0	4	0	0	0	4
13388	0	0	2	0	0	2
13389	0	2	0	0	2	4
13390	0	1	0	0	0	1
13391	0	0	1	0	1	2
13392	0	0	2	0	0	2
13393	0	0	0	1	0	1
13394	0	3	0	0	0	3

13395	0	0	1	0	0	1
13396	1	0	1	0	0	2
13397	0	0	0	1	0	1
13398	0	1	0	0	0	1
13399	3	0	0	1	1	5
13400	1	1	0	0	1	3
13401	0	4	0	0	0	4
13402	0	3	0	0	0	3
13403	0	1	0	0	0	1
13404	0	0	0	2	0	2
13405	0	0	0	1	0	1
13406	0	0	4	0	0	4
13407	0	4	0	0	0	4
13408	0	0	0	2	0	2
13409	0	0	0	2	0	2
13410	1	4	0	0	0	5
13411	1	0	1	0	0	2
13412	0	4	0	0	0	4
13413	0	2	0	0	0	2
13414	1	0	0	2	0	3
13415	0	2	0	0	0	2
13416	0	0	1	0	0	1
13417	0	4	0	0	0	4
13418	0	0	0	2	2	4
13419	0	0	0	2	0	2
13420	0	2	0	0	0	2
13421	0	0	0	1	0	1
13422	1	3	0	0	0	4
13423	0	4	0	0	0	4
13424	1	3	0	0	2	6
13425	0	3	0	0	0	3
13426	0	3	0	0	2	5
13427	0	4	0	0	0	4
13428	0	2	0	0	2	4
13429	0	0	2	0	0	2
13430	0	0	1	0	0	1
13431	1	0	2	0	2	5
13432	3	3	0	0	1	7
13433	0	3	0	0	1	4
13434	2	4	0	0	2	8
13435	0	0	2	0	0	2
13436	0	3	0	0	0	3
13437	1	0	0	2	0	3
13438	0	0	1	0	2	3
13439	0	0	1	0	0	1
13440	0	4	0	0	0	4
13441	0	1	0	0	0	1

13442	1	0	0	2	0	3
13443	0	3	0	0	0	3
13444	1	0	0	2	0	3
13445	0	0	0	2	2	4
13446	1	0	1	0	0	2
13447	0	0	0	2	0	2
13448	0	0	1	0	0	1
13449	0	0	2	0	0	2
13450	0	0	0	2	0	2
13451	0	0	0	2	0	2
13452	0	3	0	0	2	5
13453	2	0	0	2	0	4
13454	0	2	0	0	2	4
13455	1	1	0	0	0	2
13456	0	0	0	1	0	1
13457	0	0	0	2	2	4
13458	0	1	0	0	0	1
13459	0	1	0	0	2	3
13460	0	0	1	0	0	1
13461	0	0	4	0	1	5
13462	0	2	0	0	2	4
13463	1	2	0	0	1	4
13464	0	0	0	1	0	1
13465	0	0	0	2	0	2
13466	0	0	1	0	0	1
13467	0	1	0	0	0	1
13468	0	0	0	2	0	2
13469	0	2	0	0	2	4
13470	0	0	0	1	0	1
13471	0	0	0	2	0	2
13472	0	2	0	0	0	2
13473	0	0	2	0	0	2
13474	1	0	4	0	0	5
13475	0	0	2	0	0	2
13476	1	2	0	0	0	3
13477	0	3	0	0	0	3
13478	0	0	0	1	0	1
13479	0	2	0	0	0	2
13480	0	0	0	2	0	2
13481	0	2	0	0	0	2
13482	1	3	0	0	0	4
13483	4	3	0	0	0	7
13484	3	0	1	0	2	6
13485	0	0	0	1	0	1
13486	0	0	2	0	1	3
13487	1	0	0	2	0	3
13488	0	0	1	0	0	1

13489	0	0	0	2	0	2
13490	1	0	1	0	2	4
13491	1	0	1	0	0	2
13492	0	0	1	0	0	1
13493	1	1	0	0	1	3
13494	0	0	0	2	0	2
13495	0	0	0	1	0	1
13496	2	4	0	0	0	6
13497	1	2	0	0	0	3
13498	0	0	1	0	0	1
13499	0	0	0	2	0	2
13500	0	0	1	0	0	1
13501	0	0	0	2	2	4
13502	2	0	1	0	0	3
13503	1	2	0	0	0	3
13504	0	0	0	2	0	2
13505	0	0	0	1	0	1
13506	0	0	0	1	0	1
13507	0	3	0	0	1	4
13508	0	0	1	0	0	1
13509	1	4	0	0	2	7
13510	0	3	0	0	2	5
13511	0	2	0	0	0	2
13512	0	0	0	1	0	1
13513	0	0	1	0	0	1
13514	0	0	3	0	0	3
13515	0	4	0	0	1	5
13516	0	0	0	2	2	4
13517	0	0	0	2	0	2
13518	0	0	2	0	2	4
13519	0	0	0	2	0	2
13520	0	0	0	1	0	1
13521	0	0	0	2	0	2
13522	0	2	0	0	0	2
13523	0	3	0	0	0	3
13524	0	0	0	2	0	2
13525	0	0	0	2	0	2
13526	4	3	0	0	0	7
13527	0	0	1	0	0	1
13528	0	1	0	0	0	1
13529	0	0	0	2	0	2
13530	4	4	0	0	0	8
13531	2	2	0	0	0	4
13532	0	0	4	0	2	6
13533	0	1	0	0	0	1
13534	0	0	2	0	0	2
13535	0	0	0	1	0	1

13536	0	1	0	0	0	1
13537	0	3	0	0	2	5
13538	0	4	0	0	1	5
13539	0	0	0	1	0	1
13540	0	0	0	1	1	2
13541	0	0	0	2	0	2
13542	0	4	0	0	0	4
13543	3	0	0	2	0	5
13544	0	0	0	2	0	2
13545	0	0	0	2	0	2
13546	0	0	0	1	2	3
13547	1	0	2	0	0	3
13548	0	2	0	0	0	2
13549	0	0	0	2	0	2
13550	0	1	0	0	0	1
13551	0	0	0	1	0	1
13552	0	0	1	0	2	3
13553	0	0	1	0	0	1
13554	2	0	0	2	0	4
13555	0	0	2	0	1	3
13556	1	0	0	2	1	4
13557	0	0	0	2	0	2
13558	0	0	0	2	0	2
13559	0	3	0	0	0	3
13560	0	0	4	0	0	4
13561	0	2	0	0	0	2
13562	0	3	0	0	2	5
13563	0	0	0	2	0	2
13564	0	3	0	0	0	3
13565	0	0	1	0	0	1
13566	0	0	2	0	0	2
13567	0	0	2	0	0	2
13568	0	0	0	2	0	2
13569	0	0	0	2	0	2
13570	0	3	0	0	0	3
13571	3	2	0	0	1	6
13572	0	3	0	0	2	5
13573	0	0	2	0	0	2
13574	1	3	0	0	0	4
13575	3	0	0	2	0	5
13576	0	0	2	0	0	2
13577	0	0	2	0	0	2
13578	0	0	0	2	0	2
13579	0	0	0	2	0	2
13580	4	0	1	0	0	5
13581	0	4	0	0	0	4
13582	0	0	1	0	0	1

13583	1	0	0	2	0	3
13584	0	0	2	0	0	2
13585	2	4	0	0	0	6
13586	0	0	2	0	0	2
13587	0	3	0	0	0	3
13588	0	0	0	2	0	2
13589	0	0	1	0	0	1
13590	0	2	0	0	0	2
13591	0	0	0	1	0	1
13592	0	0	1	0	1	2
13593	0	0	2	0	0	2
13594	2	2	0	0	1	5
13595	0	0	0	1	0	1
13596	0	2	0	0	0	2
13597	1	0	0	2	0	3
13598	2	4	0	0	0	6
13599	0	0	1	0	0	1
13600	0	0	0	1	0	1
13601	0	1	0	0	2	3
13602	0	0	0	1	0	1
13603	0	2	0	0	0	2
13604	2	0	0	2	0	4
13605	0	1	0	0	2	3
13606	0	0	2	0	0	2
13607	0	1	0	0	0	1
13608	1	0	0	1	0	2
13609	0	0	0	2	0	2
13610	0	0	3	0	0	3
13611	0	0	2	0	0	2
13612	0	0	1	0	2	3
13613	0	0	2	0	0	2
13614	0	3	0	0	0	3
13615	0	4	0	0	0	4
13616	1	4	0	0	1	6
13617	0	2	0	0	0	2
13618	0	3	0	0	0	3
13619	0	0	0	1	0	1
13620	0	3	0	0	0	3
13621	0	0	0	2	0	2
13622	1	0	2	0	2	5
13623	2	1	0	0	0	3
13624	1	3	0	0	0	4
13625	0	0	2	0	0	2
13626	3	0	0	2	0	5
13627	0	0	2	0	0	2
13628	0	2	0	0	0	2
13629	0	0	1	0	1	2

13630	1	0	0	1	0	2
13631	0	0	2	0	0	2
13632	0	3	0	0	0	3
13633	1	0	0	2	0	3
13634	0	0	2	0	2	4
13635	0	0	2	0	0	2
13636	0	0	2	0	2	4
13637	0	2	0	0	1	3
13638	0	0	2	0	0	2
13639	0	4	0	0	1	5
13640	0	0	2	0	0	2
13641	1	0	0	1	0	2
13642	0	0	1	0	0	1
13643	1	0	0	1	0	2
13644	0	3	0	0	0	3
13645	0	0	2	0	0	2
13646	0	1	0	0	0	1
13647	1	0	0	1	0	2
13648	0	0	2	0	0	2
13649	0	0	2	0	0	2
13650	0	4	0	0	1	5
13651	0	0	1	0	0	1
13652	1	3	0	0	1	5
13653	0	0	2	0	0	2
13654	0	0	0	2	0	2
13655	0	0	0	2	0	2
13656	0	1	0	0	0	1
13657	2	0	0	2	0	4
13658	0	3	0	0	2	5
13659	0	0	1	0	0	1
13660	0	0	0	1	0	1
13661	0	0	1	0	0	1
13662	0	0	4	0	2	6
13663	1	1	0	0	0	2
13664	0	1	0	0	0	1
13665	0	0	2	0	0	2
13666	0	0	1	0	0	1
13667	1	0	0	1	0	2
13668	4	0	0	2	0	6
13669	1	3	0	0	0	4
13670	0	0	1	0	0	1
13671	4	2	0	0	0	6
13672	0	0	1	0	0	1
13673	0	0	0	1	0	1
13674	4	0	0	2	2	8
13675	1	3	0	0	1	5
13676	0	0	0	1	0	1

13677	0	0	0	2	0	2
13678	0	2	0	0	0	2
13679	0	0	1	0	0	1
13680	0	0	2	0	0	2
13681	0	1	0	0	0	1
13682	0	4	0	0	0	4
13683	1	0	1	0	0	2
13684	0	0	2	0	0	2
13685	0	0	2	0	1	3
13686	1	0	0	2	0	3
13687	0	1	0	0	0	1
13688	0	0	1	0	0	1
13689	0	0	0	2	0	2
13690	0	0	0	2	2	4
13691	1	0	2	0	2	5
13692	0	0	2	0	0	2
13693	2	0	0	2	2	6
13694	0	4	0	0	0	4
13695	1	0	0	2	0	3
13696	0	0	0	2	0	2
13697	0	0	2	0	0	2
13698	0	0	0	2	0	2
13699	0	0	1	0	0	1
13700	0	0	1	0	0	1
13701	0	1	0	0	0	1
13702	0	0	2	0	1	3
13703	4	3	0	0	0	7
13704	1	2	0	0	0	3
13705	0	0	2	0	0	2
13706	0	0	0	2	1	3
13707	0	0	1	0	0	1
13708	2	0	0	2	0	4
13709	0	4	0	0	0	4
13710	0	0	0	1	1	2
13711	0	1	0	0	0	1
13712	0	4	0	0	0	4
13713	0	0	2	0	2	4
13714	0	0	1	0	0	1
13715	0	1	0	0	2	3
13716	0	3	0	0	0	3
13717	0	0	0	2	0	2
13718	0	0	2	0	0	2
13719	0	3	0	0	2	5
13720	0	0	0	1	0	1
13721	0	1	0	0	2	3
13722	0	0	1	0	0	1
13723	0	0	1	0	0	1

13724	0	0	1	0	0	1
13725	0	1	0	0	0	1
13726	0	1	0	0	0	1
13727	0	3	0	0	1	4
13728	0	0	2	0	0	2
13729	0	0	0	1	0	1
13730	0	0	0	2	0	2
13731	0	0	1	0	0	1
13732	4	0	0	2	0	6
13733	0	0	0	1	0	1
13734	0	0	2	0	0	2
13735	0	0	2	0	0	2
13736	0	4	0	0	0	4
13737	0	0	0	1	0	1
13738	0	2	0	0	0	2
13739	0	0	2	0	1	3
13740	0	1	0	0	2	3
13741	0	2	0	0	2	4
13742	1	1	0	0	2	4
13743	0	0	0	2	0	2
13744	0	0	0	2	0	2
13745	0	0	0	1	0	1
13746	0	0	1	0	0	1
13747	0	1	0	0	0	1
13748	0	0	0	1	0	1
13749	0	0	1	0	1	2
13750	0	3	0	0	0	3
13751	0	0	1	0	0	1
13752	0	0	1	0	0	1
13753	0	0	1	0	0	1
13754	0	0	0	2	0	2
13755	0	0	0	2	2	4
13756	0	0	1	0	0	1
13757	0	2	0	0	0	2
13758	1	2	0	0	0	3
13759	2	1	0	0	0	3
13760	0	1	0	0	0	1
13761	4	3	0	0	0	7
13762	0	2	0	0	0	2
13763	1	0	1	0	0	2
13764	2	3	0	0	0	5
13765	1	1	0	0	0	2
13766	0	4	0	0	0	4
13767	0	0	2	0	0	2
13768	0	4	0	0	0	4
13769	0	0	3	0	0	3
13770	3	0	2	0	2	7

13771	0	0	0	2	0	2
13772	0	3	0	0	0	3
13773	4	0	1	0	0	5
13774	0	0	3	0	1	4
13775	0	0	2	0	0	2
13776	1	2	0	0	0	3
13777	1	0	0	1	0	2
13778	0	0	1	0	0	1
13779	0	0	2	0	0	2
13780	0	2	0	0	2	4
13781	3	3	0	0	0	6
13782	0	0	2	0	2	4
13783	0	0	0	2	0	2
13784	0	1	0	0	0	1
13785	0	0	0	1	0	1
13786	0	0	0	1	0	1
13787	2	1	0	0	0	3
13788	0	3	0	0	0	3
13789	0	0	0	2	0	2
13790	0	3	0	0	0	3
13791	1	0	1	0	0	2
13792	0	0	1	0	0	1
13793	0	3	0	0	0	3
13794	2	0	0	2	0	4
13795	0	0	1	0	0	1
13796	0	0	0	2	0	2
13797	0	0	2	0	0	2
13798	0	0	0	2	1	3
13799	0	0	0	1	0	1
13800	0	0	2	0	0	2
13801	0	3	0	0	0	3
13802	0	0	2	0	0	2
13803	0	4	0	0	2	6
13804	2	1	0	0	0	3
13805	0	2	0	0	0	2
13806	4	2	0	0	0	6
13807	0	1	0	0	0	1
13808	0	2	0	0	0	2
13809	0	0	2	0	1	3
13810	1	2	0	0	0	3
13811	4	0	0	2	0	6
13812	0	0	3	0	0	3
13813	0	0	1	0	1	2
13814	0	0	1	0	0	1
13815	1	0	1	0	0	2
13816	2	3	0	0	0	5
13817	0	4	0	0	2	6

13818	0	0	1	0	0	1
13819	0	0	0	1	2	3
13820	0	0	2	0	0	2
13821	0	0	0	1	1	2
13822	0	2	0	0	1	3
13823	1	4	0	0	0	5
13824	2	3	0	0	0	5
13825	1	3	0	0	0	4
13826	0	0	0	1	0	1
13827	1	0	0	2	0	3
13828	0	3	0	0	0	3
13829	0	0	0	2	0	2
13830	0	0	0	2	0	2
13831	0	1	0	0	0	1
13832	0	0	0	2	0	2
13833	0	0	1	0	0	1
13834	3	2	0	0	0	5
13835	0	0	0	1	0	1
13836	0	0	2	0	0	2
13837	0	0	1	0	0	1
13838	1	0	2	0	0	3
13839	0	2	0	0	0	2
13840	0	2	0	0	0	2
13841	0	1	0	0	0	1
13842	2	0	2	0	0	4
13843	0	3	0	0	0	3
13844	0	2	0	0	0	2
13845	0	1	0	0	0	1
13846	1	0	0	2	0	3
13847	0	0	1	0	0	1
13848	0	4	0	0	1	5
13849	1	0	0	1	2	4
13850	0	1	0	0	0	1
13851	0	0	0	2	0	2
13852	0	0	0	2	0	2
13853	0	4	0	0	0	4
13854	4	2	0	0	0	6
13855	1	0	1	0	0	2
13856	0	0	0	2	0	2
13857	1	0	1	0	0	2
13858	0	3	0	0	1	4
13859	0	0	0	2	2	4
13860	0	0	0	2	0	2
13861	2	0	1	0	0	3
13862	0	2	0	0	0	2
13863	0	0	0	1	1	2
13864	0	0	0	2	0	2

13865	0	4	0	0	0	4
13866	0	3	0	0	0	3
13867	0	1	0	0	0	1
13868	0	1	0	0	0	1
13869	0	0	3	0	0	3
13870	1	4	0	0	0	5
13871	0	2	0	0	0	2
13872	1	0	0	2	0	3
13873	0	4	0	0	0	4
13874	0	4	0	0	0	4
13875	0	0	1	0	0	1
13876	2	0	0	2	0	4
13877	0	2	0	0	0	2
13878	1	0	1	0	0	2
13879	1	0	0	2	0	3
13880	0	0	0	1	2	3
13881	0	2	0	0	0	2
13882	0	4	0	0	0	4
13883	0	4	0	0	0	4
13884	0	0	0	2	1	3
13885	0	0	1	0	1	2
13886	0	0	0	1	0	1
13887	0	4	0	0	0	4
13888	0	0	3	0	0	3
13889	0	3	0	0	0	3
13890	0	0	0	1	0	1
13891	1	0	2	0	0	3
13892	0	1	0	0	0	1
13893	2	0	1	0	0	3
13894	0	1	0	0	2	3
13895	2	0	0	1	1	4
13896	0	0	1	0	0	1
13897	0	3	0	0	0	3
13898	0	1	0	0	0	1
13899	0	3	0	0	2	5
13900	3	2	0	0	0	5
13901	0	0	1	0	0	1
13902	0	0	3	0	0	3
13903	0	3	0	0	0	3
13904	0	3	0	0	0	3
13905	0	4	0	0	0	4
13906	3	2	0	0	0	5
13907	0	2	0	0	0	2
13908	0	0	1	0	0	1
13909	1	4	0	0	1	6
13910	0	0	0	1	0	1
13911	0	1	0	0	1	2

13912	1	0	2	0	2	5
13913	1	0	1	0	0	2
13914	1	0	0	2	0	3
13915	0	0	0	2	0	2
13916	0	4	0	0	0	4
13917	0	2	0	0	0	2
13918	0	0	2	0	0	2
13919	2	0	2	0	0	4
13920	1	1	0	0	0	2
13921	0	0	0	2	0	2
13922	0	2	0	0	0	2
13923	0	1	0	0	0	1
13924	1	0	4	0	0	5
13925	0	3	0	0	0	3
13926	0	0	3	0	0	3
13927	1	0	0	2	0	3
13928	0	0	2	0	0	2
13929	0	3	0	0	1	4
13930	0	2	0	0	1	3
13931	0	2	0	0	0	2
13932	0	4	0	0	0	4
13933	0	0	0	1	0	1
13934	0	4	0	0	0	4
13935	0	0	0	1	2	3
13936	2	2	0	0	0	4
13937	0	3	0	0	0	3
13938	0	0	1	0	0	1
13939	0	0	0	2	0	2
13940	0	0	2	0	1	3
13941	0	0	0	2	0	2
13942	0	0	2	0	0	2
13943	0	4	0	0	2	6
13944	0	4	0	0	0	4
13945	1	0	0	2	0	3
13946	2	4	0	0	1	7
13947	1	1	0	0	0	2
13948	1	0	0	1	1	3
13949	0	2	0	0	0	2
13950	1	0	1	0	0	2
13951	0	0	0	1	1	2
13952	2	0	0	1	1	4
13953	1	1	0	0	0	2
13954	0	0	3	0	0	3
13955	3	1	0	0	0	4
13956	0	0	4	0	2	6
13957	0	0	1	0	2	3
13958	1	1	0	0	0	2

13959	0	0	0	2	0	2
13960	0	0	0	2	0	2
13961	2	4	0	0	0	6
13962	0	2	0	0	1	3
13963	0	4	0	0	0	4
13964	2	4	0	0	0	6
13965	1	0	0	2	0	3
13966	0	1	0	0	0	1
13967	0	0	0	2	0	2
13968	0	3	0	0	0	3
13969	1	3	0	0	0	4
13970	0	3	0	0	0	3
13971	0	0	2	0	0	2
13972	0	0	2	0	0	2
13973	0	0	2	0	0	2
13974	0	4	0	0	0	4
13975	0	1	0	0	0	1
13976	0	3	0	0	0	3
13977	1	4	0	0	0	5
13978	0	2	0	0	0	2
13979	2	0	0	2	0	4
13980	3	0	1	0	0	4
13981	2	0	2	0	0	4
13982	1	0	0	1	0	2
13983	1	0	0	1	0	2
13984	1	3	0	0	0	4
13985	1	4	0	0	0	5
13986	0	0	0	2	0	2
13987	0	3	0	0	1	4
13988	0	0	1	0	0	1
13989	0	0	4	0	0	4
13990	0	0	0	2	0	2
13991	0	2	0	0	0	2
13992	0	2	0	0	1	3
13993	0	0	0	2	0	2
13994	0	0	1	0	0	1
13995	0	2	0	0	0	2
13996	0	3	0	0	0	3
13997	1	1	0	0	0	2
13998	0	1	0	0	0	1
13999	0	4	0	0	0	4
14000	1	1	0	0	0	2
14001	0	0	0	2	0	2
14002	3	3	0	0	0	6
14003	0	0	0	2	0	2
14004	0	2	0	0	0	2
14005	0	0	0	1	0	1

14006	0	3	0	0	0	3
14007	0	4	0	0	1	5
14008	0	0	3	0	0	3
14009	0	0	0	2	0	2
14010	0	4	0	0	0	4
14011	0	0	3	0	1	4
14012	0	2	0	0	1	3
14013	0	0	2	0	0	2
14014	1	0	0	1	0	2
14015	1	2	0	0	0	3
14016	0	0	0	2	0	2
14017	0	4	0	0	0	4
14018	0	2	0	0	0	2
14019	0	4	0	0	1	5
14020	2	0	1	0	0	3
14021	0	3	0	0	0	3
14022	0	0	0	2	0	2
14023	1	3	0	0	0	4
14024	0	0	4	0	0	4
14025	2	4	0	0	0	6
14026	0	0	0	1	1	2
14027	2	0	0	2	2	6
14028	1	0	2	0	0	3
14029	0	0	1	0	0	1
14030	0	0	0	2	2	4
14031	0	4	0	0	2	6
14032	0	0	0	2	2	4
14033	0	4	0	0	1	5
14034	0	0	0	2	0	2
14035	0	0	0	1	0	1
14036	0	0	0	2	0	2
14037	0	1	0	0	0	1
14038	0	1	0	0	0	1
14039	0	0	0	1	0	1
14040	0	1	0	0	0	1
14041	0	0	1	0	0	1
14042	1	0	0	2	0	3
14043	0	0	1	0	0	1
14044	0	0	1	0	0	1
14045	0	0	1	0	0	1
14046	0	0	0	1	0	1
14047	0	3	0	0	2	5
14048	1	0	2	0	0	3
14049	0	1	0	0	2	3
14050	0	2	0	0	2	4
14051	0	0	1	0	0	1
14052	0	3	0	0	0	3

14053	1	3	0	0	0	4
14054	0	4	0	0	0	4
14055	0	3	0	0	0	3
14056	1	4	0	0	0	5
14057	0	0	1	0	0	1
14058	0	2	0	0	0	2
14059	0	0	0	1	0	1
14060	0	0	1	0	0	1
14061	2	0	1	0	0	3
14062	0	0	0	1	1	2
14063	0	2	0	0	2	4
14064	0	1	0	0	0	1
14065	0	0	1	0	0	1
14066	2	0	1	0	0	3
14067	0	0	0	2	0	2
14068	0	2	0	0	0	2
14069	0	0	0	2	0	2
14070	0	0	2	0	0	2
14071	0	3	0	0	0	3
14072	0	0	1	0	0	1
14073	0	0	1	0	0	1
14074	3	3	0	0	0	6
14075	0	0	1	0	0	1
14076	0	0	1	0	0	1
14077	0	3	0	0	0	3
14078	0	2	0	0	0	2
14079	1	4	0	0	0	5
14080	0	0	0	2	0	2
14081	0	0	0	1	0	1
14082	1	4	0	0	2	7
14083	0	1	0	0	0	1
14084	0	0	0	1	0	1
14085	0	0	0	2	0	2
14086	2	3	0	0	0	5
14087	1	3	0	0	0	4
14088	0	0	1	0	0	1
14089	0	0	1	0	0	1
14090	0	4	0	0	0	4
14091	0	3	0	0	0	3
14092	0	1	0	0	0	1
14093	1	0	0	2	1	4
14094	0	0	1	0	2	3
14095	1	3	0	0	1	5
14096	0	1	0	0	0	1
14097	0	0	0	2	0	2
14098	0	0	2	0	0	2
14099	0	1	0	0	0	1

14100	2	0	0	2	0	4
14101	0	0	0	1	0	1
14102	2	0	0	2	0	4
14103	0	4	0	0	0	4
14104	1	0	0	2	0	3
14105	0	4	0	0	0	4
14106	0	4	0	0	0	4
14107	0	0	0	1	0	1
14108	0	0	0	1	0	1
14109	2	0	0	2	0	4
14110	0	0	2	0	0	2
14111	2	0	3	0	0	5
14112	1	0	0	2	0	3
14113	0	0	1	0	1	2
14114	0	0	2	0	0	2
14115	1	0	1	0	0	2
14116	0	4	0	0	0	4
14117	0	3	0	0	0	3
14118	0	0	2	0	0	2
14119	1	0	0	2	0	3
14120	1	0	2	0	1	4
14121	0	0	0	2	0	2
14122	0	2	0	0	0	2
14123	2	0	0	2	0	4
14124	0	3	0	0	0	3
14125	1	1	0	0	0	2
14126	0	1	0	0	0	1
14127	1	0	1	0	0	2
14128	0	2	0	0	0	2
14129	0	0	0	2	0	2
14130	0	0	2	0	0	2
14131	0	3	0	0	0	3
14132	1	4	0	0	2	7
14133	0	1	0	0	1	2
14134	0	4	0	0	0	4
14135	0	0	0	2	0	2
14136	0	0	0	2	0	2
14137	0	4	0	0	2	6
14138	0	4	0	0	0	4
14139	0	0	0	2	0	2
14140	0	0	1	0	0	1
14141	1	0	0	2	0	3
14142	0	0	1	0	0	1
14143	0	0	0	2	0	2
14144	0	0	4	0	2	6
14145	1	0	2	0	0	3
14146	0	0	2	0	0	2

14147	0	0	1	0	0	1
14148	0	4	0	0	1	5
14149	0	0	0	1	0	1
14150	1	0	1	0	0	2
14151	0	0	1	0	0	1
14152	0	0	0	2	0	2
14153	1	0	0	2	1	4
14154	0	1	0	0	0	1
14155	0	3	0	0	0	3
14156	0	0	0	1	0	1
14157	0	0	1	0	0	1
14158	0	1	0	0	0	1
14159	0	0	1	0	0	1
14160	1	1	0	0	0	2
14161	1	1	0	0	2	4
14162	0	0	1	0	0	1
14163	0	2	0	0	0	2
14164	0	3	0	0	0	3
14165	0	0	1	0	0	1
14166	0	0	0	2	0	2
14167	0	4	0	0	0	4
14168	0	0	1	0	0	1
14169	0	0	0	2	2	4
14170	0	0	2	0	0	2
14171	0	0	2	0	0	2
14172	0	0	0	2	1	3
14173	0	4	0	0	0	4
14174	0	0	2	0	0	2
14175	0	4	0	0	0	4
14176	1	0	2	0	0	3
14177	0	0	2	0	0	2
14178	0	1	0	0	1	2
14179	0	0	0	2	0	2
14180	4	4	0	0	0	8
14181	0	0	3	0	0	3
14182	0	2	0	0	0	2
14183	0	1	0	0	2	3
14184	0	3	0	0	0	3
14185	0	0	0	2	2	4
14186	0	0	0	1	0	1
14187	0	0	0	1	0	1
14188	2	0	0	1	0	3
14189	2	2	0	0	0	4
14190	0	0	3	0	0	3
14191	0	0	0	1	0	1
14192	0	0	0	2	1	3
14193	0	2	0	0	0	2

14194	0	4	0	0	0	4
14195	0	0	1	0	0	1
14196	0	4	0	0	0	4
14197	3	0	0	1	0	4
14198	1	0	1	0	0	2
14199	1	4	0	0	0	5
14200	0	0	2	0	0	2
14201	0	4	0	0	0	4
14202	0	2	0	0	0	2
14203	0	2	0	0	1	3
14204	0	1	0	0	2	3
14205	1	0	2	0	1	4
14206	2	0	1	0	1	4
14207	0	0	0	2	0	2
14208	0	1	0	0	0	1
14209	0	2	0	0	0	2
14210	0	0	0	2	0	2
14211	1	2	0	0	0	3
14212	0	4	0	0	0	4
14213	0	0	0	1	0	1
14214	1	0	2	0	0	3
14215	0	4	0	0	0	4
14216	0	2	0	0	0	2
14217	0	3	0	0	1	4
14218	0	0	0	2	0	2
14219	0	0	2	0	0	2
14220	3	0	2	0	0	5
14221	0	4	0	0	0	4
14222	0	0	1	0	0	1
14223	0	0	0	1	2	3
14224	2	0	1	0	0	3
14225	1	3	0	0	1	5
14226	0	1	0	0	0	1
14227	0	4	0	0	1	5
14228	0	0	1	0	0	1
14229	0	0	0	1	0	1
14230	0	0	0	2	0	2
14231	0	1	0	0	1	2
14232	0	0	0	2	2	4
14233	0	1	0	0	0	1
14234	0	1	0	0	0	1
14235	0	0	1	0	1	2
14236	0	0	2	0	0	2
14237	2	0	4	0	0	6
14238	0	0	1	0	2	3
14239	3	1	0	0	0	4
14240	1	1	0	0	0	2

14241	0	0	2	0	0	2
14242	0	0	0	2	0	2
14243	4	3	0	0	0	7
14244	1	0	0	2	2	5
14245	0	0	0	2	0	2
14246	0	0	1	0	0	1
14247	0	0	0	2	0	2
14248	0	0	1	0	2	3
14249	0	0	0	1	2	3
14250	2	0	0	2	0	4
14251	0	0	0	1	2	3
14252	1	4	0	0	0	5
14253	2	0	1	0	0	3
14254	0	0	0	1	0	1
14255	1	4	0	0	0	5
14256	1	1	0	0	0	2
14257	2	0	0	1	0	3
14258	0	0	3	0	0	3
14259	0	4	0	0	0	4
14260	1	1	0	0	0	2
14261	0	0	0	2	1	3
14262	0	0	0	2	0	2
14263	0	0	0	2	0	2
14264	1	1	0	0	1	3
14265	2	0	2	0	0	4
14266	3	0	0	2	0	5
14267	0	4	0	0	0	4
14268	0	4	0	0	0	4
14269	2	3	0	0	0	5
14270	0	0	2	0	0	2
14271	1	3	0	0	2	6
14272	0	0	0	2	2	4
14273	1	0	0	2	2	5
14274	1	2	0	0	0	3
14275	1	1	0	0	1	3
14276	2	0	4	0	0	6
14277	0	0	0	2	2	4
14278	0	0	0	2	0	2
14279	0	2	0	0	1	3
14280	0	0	0	2	0	2
14281	0	0	0	2	0	2
14282	0	1	0	0	0	1
14283	0	3	0	0	0	3
14284	0	3	0	0	1	4
14285	0	3	0	0	0	3
14286	0	0	0	1	0	1
14287	0	0	0	2	0	2

14288	0	3	0	0	1	4
14289	0	2	0	0	0	2
14290	1	2	0	0	0	3
14291	0	0	0	1	0	1
14292	0	3	0	0	0	3
14293	0	0	0	1	1	2
14294	3	0	0	2	2	7
14295	0	0	0	2	0	2
14296	0	0	2	0	0	2
14297	1	0	0	2	1	4
14298	0	1	0	0	2	3
14299	0	0	2	0	0	2
14300	2	0	0	2	0	4
14301	0	2	0	0	1	3
14302	3	2	0	0	0	5
14303	0	1	0	0	0	1
14304	0	0	2	0	2	4
14305	0	0	0	1	0	1
14306	0	2	0	0	0	2
14307	0	0	2	0	0	2
14308	0	0	2	0	0	2
14309	0	1	0	0	0	1
14310	0	0	0	2	1	3
14311	1	0	0	2	0	3
14312	0	2	0	0	0	2
14313	0	0	4	0	0	4
14314	0	0	0	1	2	3
14315	0	4	0	0	0	4
14316	0	0	2	0	0	2
14317	0	0	2	0	0	2
14318	0	2	0	0	0	2
14319	0	4	0	0	0	4
14320	0	1	0	0	0	1
14321	0	0	3	0	0	3
14322	0	3	0	0	2	5
14323	0	0	2	0	0	2
14324	1	0	2	0	0	3
14325	1	0	2	0	0	3
14326	1	1	0	0	0	2
14327	0	0	1	0	0	1
14328	0	0	0	2	0	2
14329	0	0	0	1	1	2
14330	0	0	2	0	0	2
14331	0	0	2	0	0	2
14332	1	4	0	0	0	5
14333	0	0	0	2	0	2
14334	0	0	1	0	0	1

14335	1	0	0	2	0	3
14336	1	3	0	0	1	5
14337	0	0	2	0	0	2
14338	1	4	0	0	0	5
14339	2	0	2	0	0	4
14340	0	1	0	0	0	1
14341	0	2	0	0	0	2
14342	0	2	0	0	0	2
14343	0	0	1	0	0	1
14344	0	0	0	2	0	2
14345	2	0	0	1	1	4
14346	0	0	0	2	0	2
14347	0	3	0	0	0	3
14348	0	2	0	0	0	2
14349	0	3	0	0	0	3
14350	0	0	0	2	0	2
14351	0	3	0	0	0	3
14352	2	3	0	0	0	5
14353	0	0	0	2	0	2
14354	0	2	0	0	0	2
14355	0	1	0	0	1	2
14356	0	0	2	0	0	2
14357	0	4	0	0	0	4
14358	0	2	0	0	0	2
14359	0	4	0	0	0	4
14360	0	0	0	2	2	4
14361	0	0	0	2	0	2
14362	1	0	2	0	0	3
14363	2	1	0	0	0	3
14364	0	0	0	2	0	2
14365	0	0	1	0	1	2
14366	0	0	0	2	2	4
14367	0	0	1	0	0	1
14368	0	0	2	0	0	2
14369	0	4	0	0	0	4
14370	0	0	1	0	0	1
14371	0	0	2	0	0	2
14372	0	0	2	0	0	2
14373	0	0	2	0	0	2
14374	0	0	1	0	0	1
14375	0	0	0	2	0	2
14376	0	0	0	1	0	1
14377	0	0	0	2	0	2
14378	0	0	0	1	0	1
14379	2	3	0	0	2	7
14380	0	3	0	0	0	3
14381	3	0	0	1	2	6

14382	0	3	0	0	0	3
14383	0	0	0	1	0	1
14384	0	2	0	0	0	2
14385	1	0	0	2	1	4
14386	0	0	0	2	0	2
14387	0	0	0	2	0	2
14388	0	0	0	2	0	2
14389	0	2	0	0	1	3
14390	0	0	2	0	0	2
14391	0	0	0	2	0	2
14392	0	0	0	1	0	1
14393	1	0	1	0	0	2
14394	0	1	0	0	0	1
14395	1	0	2	0	0	3
14396	0	3	0	0	1	4
14397	0	2	0	0	0	2
14398	0	0	0	1	0	1
14399	0	0	2	0	0	2
14400	0	3	0	0	1	4
14401	0	0	1	0	0	1
14402	3	0	0	2	0	5
14403	1	0	2	0	0	3
14404	1	0	0	1	0	2
14405	0	0	1	0	1	2
14406	1	2	0	0	0	3
14407	0	0	2	0	0	2
14408	0	0	2	0	0	2
14409	0	2	0	0	0	2
14410	0	3	0	0	0	3
14411	1	0	2	0	0	3
14412	0	3	0	0	0	3
14413	0	0	1	0	0	1
14414	2	0	0	2	0	4
14415	0	0	0	1	0	1
14416	0	1	0	0	0	1
14417	1	0	2	0	0	3
14418	3	0	0	1	0	4
14419	0	0	0	2	0	2
14420	0	0	0	2	0	2
14421	0	0	1	0	0	1
14422	1	0	0	2	2	5
14423	1	0	0	2	0	3
14424	0	0	0	2	0	2
14425	0	0	0	1	0	1
14426	0	0	0	2	0	2
14427	0	0	0	2	0	2
14428	2	3	0	0	0	5

14429	0	3	0	0	2	5
14430	0	0	2	0	0	2
14431	0	1	0	0	1	2
14432	0	3	0	0	2	5
14433	4	4	0	0	0	8
14434	3	0	0	2	0	5
14435	0	0	0	2	0	2
14436	0	0	0	2	0	2
14437	2	0	2	0	1	5
14438	0	1	0	0	0	1
14439	0	0	0	1	0	1
14440	1	0	0	2	0	3
14441	0	0	1	0	1	2
14442	0	0	2	0	0	2
14443	1	0	0	1	0	2
14444	0	0	0	2	1	3
14445	0	4	0	0	0	4
14446	0	2	0	0	0	2
14447	0	0	0	2	0	2
14448	1	0	1	0	1	3
14449	1	4	0	0	0	5
14450	0	4	0	0	0	4
14451	1	4	0	0	1	6
14452	0	0	0	2	0	2
14453	0	0	0	2	0	2
14454	0	0	1	0	0	1
14455	0	0	0	1	0	1
14456	0	1	0	0	0	1
14457	0	2	0	0	2	4
14458	0	0	1	0	0	1
14459	0	0	1	0	1	2
14460	0	0	2	0	0	2
14461	0	0	0	2	0	2
14462	0	0	0	2	1	3
14463	0	0	0	1	0	1
14464	0	1	0	0	0	1
14465	0	0	2	0	2	4
14466	3	3	0	0	0	6
14467	0	0	1	0	1	2
14468	0	4	0	0	0	4
14469	1	0	0	2	0	3
14470	0	0	1	0	0	1
14471	0	0	3	0	2	5
14472	0	0	0	2	1	3
14473	0	0	1	0	0	1
14474	0	0	0	2	0	2
14475	0	0	0	2	1	3

14476	0	0	1	0	0	1
14477	0	0	0	2	0	2
14478	0	0	1	0	0	1
14479	3	0	1	0	2	6
14480	0	1	0	0	0	1
14481	0	0	0	1	0	1
14482	1	0	2	0	0	3
14483	0	4	0	0	0	4
14484	2	3	0	0	0	5
14485	0	1	0	0	0	1
14486	0	4	0	0	0	4
14487	0	2	0	0	0	2
14488	0	1	0	0	0	1
14489	0	0	1	0	0	1
14490	3	3	0	0	0	6
14491	0	0	0	1	0	1
14492	0	3	0	0	1	4
14493	0	0	0	2	0	2
14494	0	1	0	0	0	1
14495	1	1	0	0	0	2
14496	0	0	0	2	0	2
14497	0	3	0	0	0	3
14498	0	0	0	1	2	3
14499	0	4	0	0	0	4
14500	0	0	1	0	0	1
14501	0	4	0	0	0	4
14502	0	1	0	0	0	1
14503	0	0	0	2	0	2
14504	0	0	4	0	0	4
14505	0	4	0	0	0	4
14506	0	0	0	2	0	2
14507	0	0	2	0	0	2
14508	0	0	2	0	2	4
14509	0	0	0	2	0	2
14510	1	0	0	2	2	5
14511	0	0	0	2	2	4
14512	1	4	0	0	0	5
14513	0	4	0	0	2	6
14514	0	0	0	2	2	4
14515	2	0	0	2	0	4
14516	0	0	0	1	0	1
14517	0	0	0	2	1	3
14518	0	4	0	0	0	4
14519	3	3	0	0	0	6
14520	0	0	1	0	0	1
14521	0	2	0	0	0	2
14522	0	4	0	0	1	5

14523	0	1	0	0	1	2
14524	1	0	2	0	0	3
14525	0	3	0	0	0	3
14526	1	1	0	0	0	2
14527	0	2	0	0	0	2
14528	0	0	2	0	0	2
14529	1	0	0	1	0	2
14530	0	4	0	0	0	4
14531	0	3	0	0	1	4
14532	0	0	0	2	0	2
14533	0	3	0	0	0	3
14534	0	0	2	0	1	3
14535	2	3	0	0	0	5
14536	1	0	2	0	0	3
14537	0	0	2	0	0	2
14538	0	0	1	0	0	1
14539	0	0	0	2	1	3
14540	0	3	0	0	0	3
14541	0	4	0	0	2	6
14542	0	3	0	0	0	3
14543	0	1	0	0	0	1
14544	1	2	0	0	2	5
14545	0	0	0	2	0	2
14546	0	4	0	0	2	6
14547	0	0	0	2	0	2
14548	0	4	0	0	2	6
14549	0	1	0	0	0	1
14550	2	0	0	2	0	4
14551	0	4	0	0	0	4
14552	0	0	2	0	0	2
14553	2	0	0	1	1	4
14554	0	0	1	0	0	1
14555	0	0	0	1	0	1
14556	1	3	0	0	0	4
14557	3	0	0	1	0	4
14558	1	0	0	1	0	2
14559	0	0	0	1	0	1
14560	0	2	0	0	0	2
14561	0	0	4	0	2	6
14562	0	1	0	0	0	1
14563	0	0	2	0	0	2
14564	0	0	0	1	0	1
14565	1	0	1	0	0	2
14566	0	2	0	0	2	4
14567	0	0	1	0	0	1
14568	0	2	0	0	0	2
14569	3	0	2	0	0	5

14570	0	2	0	0	2	4
14571	0	2	0	0	0	2
14572	4	0	0	2	0	6
14573	0	0	1	0	0	1
14574	0	0	0	2	0	2
14575	1	2	0	0	1	4
14576	0	0	2	0	0	2
14577	0	1	0	0	0	1
14578	2	0	2	0	0	4
14579	0	0	1	0	0	1
14580	0	0	2	0	0	2
14581	0	0	2	0	0	2
14582	0	0	0	2	0	2
14583	0	0	0	1	0	1
14584	0	0	0	2	0	2
14585	0	3	0	0	0	3
14586	0	0	1	0	0	1
14587	0	2	0	0	0	2
14588	1	0	0	1	0	2
14589	1	1	0	0	0	2
14590	0	0	1	0	1	2
14591	0	0	0	2	0	2
14592	0	0	0	2	2	4
14593	0	4	0	0	2	6
14594	1	0	0	2	0	3
14595	1	3	0	0	2	6
14596	0	2	0	0	0	2
14597	0	0	1	0	0	1
14598	2	0	0	2	0	4
14599	1	0	2	0	0	3
14600	1	4	0	0	0	5
14601	1	0	0	2	0	3
14602	0	1	0	0	0	1
14603	0	1	0	0	0	1
14604	0	2	0	0	0	2
14605	0	0	2	0	2	4
14606	0	0	0	1	0	1
14607	0	0	0	2	0	2
14608	0	0	1	0	0	1
14609	0	0	0	2	0	2
14610	0	1	0	0	0	1
14611	0	0	0	2	0	2
14612	0	0	3	0	2	5
14613	0	0	0	2	0	2
14614	0	1	0	0	2	3
14615	0	4	0	0	0	4
14616	1	2	0	0	0	3

14617	0	3	0	0	1	4
14618	0	4	0	0	0	4
14619	0	0	1	0	2	3
14620	0	0	0	2	0	2
14621	1	0	3	0	0	4
14622	0	0	0	1	0	1
14623	0	0	0	2	2	4
14624	0	0	0	2	0	2
14625	0	4	0	0	2	6
14626	0	0	0	2	1	3
14627	0	3	0	0	0	3
14628	1	0	1	0	0	2
14629	0	1	0	0	0	1
14630	0	0	2	0	0	2
14631	0	2	0	0	0	2
14632	0	0	4	0	0	4
14633	0	0	0	2	0	2
14634	0	0	0	1	1	2
14635	0	0	0	2	0	2
14636	0	0	0	1	0	1
14637	0	0	2	0	2	4
14638	0	0	2	0	0	2
14639	0	3	0	0	0	3
14640	1	0	0	1	0	2
14641	0	0	2	0	2	4
14642	0	0	0	1	0	1
14643	0	0	1	0	0	1
14644	0	3	0	0	0	3
14645	0	1	0	0	0	1
14646	0	0	2	0	0	2
14647	1	0	2	0	0	3
14648	0	0	0	1	0	1
14649	0	3	0	0	0	3
14650	3	4	0	0	0	7
14651	1	0	0	1	0	2
14652	0	0	2	0	0	2
14653	0	0	2	0	1	3
14654	0	0	0	2	0	2
14655	0	0	0	1	0	1
14656	0	0	0	1	0	1
14657	0	0	2	0	0	2
14658	0	0	4	0	0	4
14659	1	0	0	2	0	3
14660	1	1	0	0	0	2
14661	0	0	0	2	0	2
14662	0	4	0	0	0	4
14663	2	0	0	2	0	4

14664	1	0	1	0	0	2
14665	0	1	0	0	0	1
14666	0	0	0	2	0	2
14667	0	0	1	0	0	1
14668	1	0	2	0	1	4
14669	0	1	0	0	0	1
14670	0	3	0	0	0	3
14671	0	0	2	0	0	2
14672	0	2	0	0	0	2
14673	4	0	1	0	0	5
14674	2	0	1	0	0	3
14675	0	0	0	1	0	1
14676	0	0	1	0	0	1
14677	0	2	0	0	2	4
14678	2	0	0	2	1	5
14679	1	3	0	0	2	6
14680	0	1	0	0	0	1
14681	0	0	0	2	1	3
14682	1	1	0	0	0	2
14683	0	4	0	0	0	4
14684	1	2	0	0	2	5
14685	1	4	0	0	1	6
14686	0	4	0	0	0	4
14687	0	3	0	0	0	3
14688	2	0	2	0	1	5
14689	0	4	0	0	0	4
14690	1	0	1	0	0	2
14691	0	0	1	0	1	2
14692	0	0	4	0	2	6
14693	0	0	0	2	0	2
14694	1	4	0	0	0	5
14695	0	0	2	0	0	2
14696	0	1	0	0	2	3
14697	0	0	0	2	0	2
14698	1	0	0	1	0	2
14699	1	0	1	0	0	2
14700	0	0	0	2	0	2
14701	0	0	2	0	1	3
14702	3	1	0	0	0	4
14703	1	2	0	0	0	3
14704	0	0	0	2	0	2
14705	0	3	0	0	0	3
14706	0	0	0	2	0	2
14707	1	0	0	1	0	2
14708	0	4	0	0	0	4
14709	0	0	2	0	0	2
14710	1	2	0	0	0	3

14711	0	4	0	0	0	4
14712	0	0	4	0	0	4
14713	1	0	1	0	0	2
14714	3	0	0	1	0	4
14715	0	0	0	1	0	1
14716	0	0	0	1	0	1
14717	0	2	0	0	0	2
14718	0	1	0	0	0	1
14719	0	0	1	0	0	1
14720	0	2	0	0	0	2
14721	0	0	0	2	0	2
14722	1	3	0	0	0	4
14723	1	4	0	0	0	5
14724	2	0	0	1	2	5
14725	0	0	2	0	0	2
14726	0	0	0	2	0	2
14727	0	0	2	0	0	2
14728	0	2	0	0	2	4
14729	0	0	2	0	0	2
14730	0	4	0	0	0	4
14731	0	0	1	0	0	1
14732	0	2	0	0	0	2
14733	0	0	0	1	1	2
14734	0	0	2	0	0	2
14735	0	1	0	0	0	1
14736	1	1	0	0	2	4
14737	1	0	1	0	0	2
14738	0	0	4	0	0	4
14739	2	3	0	0	0	5
14740	0	1	0	0	0	1
14741	3	0	2	0	0	5
14742	0	1	0	0	0	1
14743	0	1	0	0	1	2
14744	1	4	0	0	0	5
14745	0	0	2	0	0	2
14746	0	0	0	2	0	2
14747	0	0	1	0	0	1
14748	0	3	0	0	0	3
14749	0	0	2	0	0	2
14750	0	4	0	0	1	5
14751	2	3	0	0	1	6
14752	0	4	0	0	0	4
14753	0	2	0	0	0	2
14754	0	0	0	2	0	2
14755	4	0	0	1	0	5
14756	0	0	1	0	0	1
14757	0	3	0	0	0	3

14758	1	0	2	0	0	3
14759	0	0	0	1	0	1
14760	3	2	0	0	0	5
14761	1	0	0	2	0	3
14762	0	0	0	1	0	1
14763	0	0	0	1	0	1
14764	0	0	0	2	0	2
14765	1	1	0	0	0	2
14766	0	1	0	0	0	1
14767	1	0	2	0	0	3
14768	0	0	3	0	0	3
14769	0	2	0	0	0	2
14770	0	1	0	0	0	1
14771	0	0	0	1	0	1
14772	0	1	0	0	0	1
14773	1	0	0	2	0	3
14774	0	0	0	2	2	4
14775	1	4	0	0	0	5
14776	0	3	0	0	0	3
14777	0	0	0	1	0	1
14778	0	0	2	0	0	2
14779	0	0	1	0	1	2
14780	0	2	0	0	0	2
14781	1	2	0	0	0	3
14782	0	3	0	0	1	4
14783	0	3	0	0	0	3
14784	0	0	1	0	0	1
14785	1	2	0	0	0	3
14786	0	0	0	2	0	2
14787	0	2	0	0	0	2
14788	0	0	0	1	0	1
14789	0	0	0	2	0	2
14790	0	0	2	0	0	2
14791	0	3	0	0	0	3
14792	0	0	2	0	0	2
14793	0	0	0	2	0	2
14794	0	0	1	0	1	2
14795	0	0	0	2	0	2
14796	0	4	0	0	2	6
14797	2	0	0	2	2	6
14798	1	4	0	0	0	5
14799	0	0	0	2	0	2
14800	0	0	0	1	0	1
14801	0	0	1	0	2	3
14802	0	0	0	1	0	1
14803	0	3	0	0	0	3
14804	1	0	0	2	0	3

14805	2	0	0	2	0	4
14806	0	2	0	0	0	2
14807	0	2	0	0	0	2
14808	0	0	2	0	1	3
14809	0	2	0	0	0	2
14810	0	0	2	0	0	2
14811	0	0	0	2	0	2
14812	0	0	0	1	0	1
14813	0	0	2	0	0	2
14814	0	0	0	1	0	1
14815	0	4	0	0	0	4
14816	0	0	1	0	0	1
14817	0	4	0	0	0	4
14818	0	2	0	0	0	2
14819	1	3	0	0	0	4
14820	0	4	0	0	0	4
14821	0	0	0	1	2	3
14822	0	0	1	0	0	1
14823	3	1	0	0	0	4
14824	3	1	0	0	0	4
14825	0	0	1	0	0	1
14826	0	0	2	0	1	3
14827	0	0	0	1	0	1
14828	0	0	0	2	0	2
14829	0	1	0	0	0	1
14830	0	2	0	0	1	3
14831	2	0	0	1	0	3
14832	0	0	0	2	1	3
14833	0	3	0	0	0	3
14834	0	0	0	2	0	2
14835	4	0	0	2	0	6
14836	1	0	0	1	0	2
14837	0	2	0	0	0	2
14838	0	3	0	0	0	3
14839	0	0	1	0	2	3
14840	0	0	2	0	0	2
14841	1	0	0	2	0	3
14842	0	0	0	2	2	4
14843	1	2	0	0	0	3
14844	1	1	0	0	1	3
14845	0	3	0	0	0	3
14846	0	0	0	2	0	2
14847	0	0	0	1	0	1
14848	1	4	0	0	0	5
14849	0	2	0	0	0	2
14850	0	0	2	0	0	2
14851	1	1	0	0	0	2

14852	0	1	0	0	0	1
14853	0	4	0	0	1	5
14854	0	4	0	0	0	4
14855	0	0	2	0	0	2
14856	0	0	1	0	2	3
14857	0	0	1	0	0	1
14858	0	2	0	0	1	3
14859	0	0	1	0	2	3
14860	0	0	1	0	0	1
14861	0	0	1	0	0	1
14862	2	4	0	0	0	6
14863	0	4	0	0	0	4
14864	0	0	2	0	0	2
14865	1	0	0	1	1	3
14866	0	0	0	1	0	1
14867	0	2	0	0	0	2
14868	0	0	2	0	0	2
14869	0	2	0	0	1	3
14870	0	0	4	0	0	4
14871	0	4	0	0	0	4
14872	0	4	0	0	1	5
14873	0	4	0	0	0	4
14874	1	3	0	0	0	4
14875	1	0	0	1	0	2
14876	0	2	0	0	0	2
14877	0	0	0	2	0	2
14878	1	0	2	0	0	3
14879	3	0	1	0	0	4
14880	1	3	0	0	0	4
14881	0	3	0	0	0	3
14882	0	0	2	0	0	2
14883	0	0	2	0	0	2
14884	0	3	0	0	2	5
14885	0	2	0	0	0	2
14886	0	0	0	2	0	2
14887	2	0	0	2	1	5
14888	3	3	0	0	0	6
14889	0	2	0	0	0	2
14890	0	0	2	0	0	2
14891	0	0	0	2	0	2
14892	0	2	0	0	0	2
14893	0	3	0	0	0	3
14894	1	0	0	1	1	3
14895	0	0	0	2	0	2
14896	0	3	0	0	0	3
14897	0	0	1	0	0	1
14898	0	2	0	0	0	2

14899	0	0	0	2	0	2
14900	1	4	0	0	0	5
14901	0	1	0	0	2	3
14902	0	0	2	0	0	2
14903	0	1	0	0	0	1
14904	0	4	0	0	0	4
14905	1	3	0	0	0	4
14906	0	0	2	0	0	2
14907	0	4	0	0	0	4
14908	1	2	0	0	0	3
14909	1	0	1	0	0	2
14910	1	0	0	1	0	2
14911	0	0	0	2	0	2
14912	0	0	0	1	0	1
14913	0	0	0	1	0	1
14914	2	0	2	0	0	4
14915	0	3	0	0	1	4
14916	0	0	0	2	0	2
14917	1	0	1	0	0	2
14918	0	0	0	1	1	2
14919	0	0	1	0	0	1
14920	0	2	0	0	0	2
14921	1	0	0	1	0	2
14922	0	4	0	0	0	4
14923	0	2	0	0	0	2
14924	0	0	0	2	2	4
14925	0	4	0	0	0	4
14926	0	2	0	0	0	2
14927	1	0	4	0	0	5
14928	0	0	2	0	2	4
14929	0	0	2	0	0	2
14930	0	0	0	2	0	2
14931	1	0	0	2	1	4
14932	0	0	2	0	0	2
14933	0	0	0	2	0	2
14934	0	4	0	0	0	4
14935	0	3	0	0	2	5
14936	0	2	0	0	0	2
14937	0	0	0	2	0	2
14938	2	0	2	0	2	6
14939	0	0	2	0	0	2
14940	0	0	0	2	0	2
14941	0	0	0	2	1	3
14942	0	0	2	0	0	2
14943	0	0	1	0	0	1
14944	3	0	3	0	1	7
14945	0	4	0	0	0	4

14946	2	0	2	0	0	4
14947	2	4	0	0	0	6
14948	0	2	0	0	0	2
14949	0	0	1	0	0	1
14950	0	0	1	0	2	3
14951	1	0	1	0	0	2
14952	2	4	0	0	0	6
14953	0	0	4	0	0	4
14954	0	0	2	0	0	2
14955	0	0	1	0	1	2
14956	0	4	0	0	0	4
14957	1	0	1	0	1	3
14958	0	0	0	2	1	3
14959	0	0	0	2	0	2
14960	1	0	2	0	0	3
14961	0	1	0	0	0	1
14962	0	0	0	2	0	2
14963	0	3	0	0	0	3
14964	0	3	0	0	0	3
14965	0	1	0	0	1	2
14966	0	0	0	2	2	4
14967	2	3	0	0	0	5
14968	1	0	1	0	0	2
14969	0	0	0	2	0	2
14970	0	0	0	2	0	2
14971	0	0	0	1	0	1
14972	0	0	1	0	0	1
14973	0	0	2	0	0	2
14974	0	0	2	0	2	4
14975	0	0	0	1	0	1
14976	0	3	0	0	0	3
14977	0	4	0	0	0	4
14978	0	0	1	0	0	1
14979	2	1	0	0	1	4
14980	0	3	0	0	0	3
14981	0	1	0	0	0	1
14982	0	0	2	0	0	2
14983	0	1	0	0	1	2
14984	0	0	0	1	2	3
14985	0	0	0	1	0	1
14986	0	3	0	0	0	3
14987	0	0	0	2	0	2
14988	0	0	1	0	0	1
14989	2	0	0	2	1	5
14990	0	0	0	2	0	2
14991	0	0	1	0	2	3
14992	0	0	2	0	0	2

14993	0	4	0	0	0	4
14994	0	0	0	2	0	2
14995	0	0	2	0	1	3
14996	0	2	0	0	0	2
14997	0	0	0	1	0	1
14998	0	2	0	0	0	2
14999	0	4	0	0	0	4
15000	0	2	0	0	0	2
15001	3	1	0	0	0	4
15002	1	0	0	2	0	3
15003	0	0	0	2	0	2
15004	0	0	2	0	0	2
15005	0	2	0	0	0	2
15006	0	0	0	1	0	1
15007	0	3	0	0	0	3
15008	0	2	0	0	1	3
15009	0	2	0	0	2	4
15010	2	1	0	0	0	3
15011	0	2	0	0	0	2
15012	0	0	1	0	0	1
15013	0	0	0	2	0	2
15014	0	3	0	0	2	5
15015	1	0	0	2	0	3
15016	0	0	0	1	0	1
15017	0	0	1	0	0	1
15018	0	0	0	1	0	1
15019	0	0	2	0	1	3
15020	1	0	0	1	0	2
15021	0	2	0	0	0	2
15022	0	4	0	0	0	4
15023	0	0	0	2	0	2
15024	0	0	0	1	0	1
15025	0	3	0	0	0	3
15026	0	0	0	2	0	2
15027	0	0	2	0	1	3
15028	1	3	0	0	0	4
15029	0	0	0	2	1	3
15030	0	4	0	0	1	5
15031	2	0	2	0	2	6
15032	2	0	0	1	0	3
15033	0	3	0	0	0	3
15034	0	0	0	1	0	1
15035	0	0	0	2	0	2
15036	2	0	0	1	0	3
15037	1	0	0	2	0	3
15038	0	0	0	2	0	2
15039	0	0	0	1	0	1

15040	0	0	0	2	0	2
15041	0	0	0	2	2	4
15042	0	0	1	0	0	1
15043	0	4	0	0	0	4
15044	0	3	0	0	1	4
15045	0	0	0	1	2	3
15046	0	0	2	0	0	2
15047	0	0	0	2	0	2
15048	3	0	1	0	1	5
15049	2	1	0	0	0	3
15050	0	0	0	2	2	4
15051	0	2	0	0	0	2
15052	0	0	2	0	0	2
15053	0	3	0	0	0	3
15054	0	1	0	0	0	1
15055	0	0	0	2	0	2
15056	1	0	1	0	0	2
15057	0	0	0	2	0	2
15058	0	0	1	0	0	1
15059	0	1	0	0	0	1
15060	0	0	0	2	1	3
15061	0	0	0	2	0	2
15062	1	0	0	2	0	3
15063	0	0	0	2	0	2
15064	0	0	0	1	1	2
15065	0	0	0	1	0	1
15066	2	3	0	0	0	5
15067	0	0	1	0	0	1
15068	1	0	2	0	0	3
15069	0	1	0	0	1	2
15070	2	0	0	2	0	4
15071	0	0	0	2	0	2
15072	0	3	0	0	0	3
15073	0	3	0	0	0	3
15074	1	2	0	0	2	5
15075	0	0	2	0	0	2
15076	1	0	0	2	2	5
15077	1	1	0	0	0	2
15078	0	0	0	1	0	1
15079	0	0	1	0	0	1
15080	1	0	1	0	0	2
15081	0	1	0	0	0	1
15082	0	4	0	0	0	4
15083	0	4	0	0	0	4
15084	0	0	0	2	0	2
15085	0	0	1	0	2	3
15086	0	0	0	2	0	2

15087	0	0	0	1	0	1
15088	0	3	0	0	2	5
15089	0	0	0	2	0	2
15090	0	2	0	0	0	2
15091	0	0	1	0	1	2
15092	0	4	0	0	0	4
15093	0	0	2	0	0	2
15094	0	0	0	2	2	4
15095	0	0	1	0	0	1
15096	1	0	1	0	0	2
15097	0	0	0	2	0	2
15098	0	3	0	0	0	3
15099	1	1	0	0	0	2
15100	0	1	0	0	0	1
15101	0	2	0	0	0	2
15102	0	0	0	1	0	1
15103	1	3	0	0	0	4
15104	0	1	0	0	0	1
15105	1	0	0	2	0	3
15106	0	0	0	2	0	2
15107	1	0	0	1	0	2
15108	0	0	0	2	0	2
15109	0	1	0	0	2	3
15110	0	0	0	1	1	2
15111	2	0	0	2	0	4
15112	0	0	0	1	0	1
15113	1	0	1	0	0	2
15114	0	0	0	1	2	3
15115	0	3	0	0	1	4
15116	2	2	0	0	0	4
15117	0	0	1	0	0	1
15118	1	0	1	0	0	2
15119	0	0	0	1	0	1
15120	0	0	3	0	0	3
15121	0	0	1	0	2	3
15122	0	0	1	0	0	1
15123	2	0	0	1	0	3
15124	0	0	0	2	0	2
15125	0	0	0	1	0	1
15126	0	1	0	0	1	2
15127	0	0	1	0	0	1
15128	0	0	0	2	0	2
15129	0	0	0	2	0	2
15130	2	0	2	0	0	4
15131	1	0	1	0	0	2
15132	0	2	0	0	0	2
15133	0	3	0	0	0	3

15134	0	0	0	1	0	1
15135	0	4	0	0	1	5
15136	0	0	0	1	1	2
15137	2	0	0	2	0	4
15138	0	0	2	0	1	3
15139	3	0	1	0	0	4
15140	0	0	1	0	0	1
15141	0	4	0	0	0	4
15142	0	0	0	1	0	1
15143	0	3	0	0	0	3
15144	1	0	0	1	0	2
15145	0	2	0	0	0	2
15146	0	0	1	0	0	1
15147	0	0	1	0	0	1
15148	2	0	0	2	0	4
15149	0	3	0	0	0	3
15150	0	3	0	0	0	3
15151	2	3	0	0	0	5
15152	0	0	0	2	0	2
15153	0	0	2	0	0	2
15154	0	0	0	2	0	2
15155	0	0	0	2	0	2
15156	0	2	0	0	0	2
15157	0	1	0	0	2	3
15158	1	0	0	1	0	2
15159	0	2	0	0	0	2
15160	0	3	0	0	0	3
15161	0	2	0	0	0	2
15162	0	0	0	1	1	2
15163	0	0	0	2	0	2
15164	4	0	2	0	0	6
15165	0	0	0	2	0	2
15166	0	0	0	2	1	3
15167	0	0	0	2	0	2
15168	1	0	0	2	0	3
15169	0	3	0	0	0	3
15170	0	0	1	0	0	1
15171	0	4	0	0	0	4
15172	0	0	0	2	0	2
15173	0	0	0	2	0	2
15174	0	4	0	0	0	4
15175	0	0	0	1	1	2
15176	0	4	0	0	0	4
15177	0	1	0	0	1	2
15178	0	3	0	0	1	4
15179	0	0	0	1	1	2
15180	0	0	0	2	0	2

15181	0	3	0	0	1	4
15182	2	0	1	0	0	3
15183	0	1	0	0	0	1
15184	0	0	1	0	1	2
15185	0	0	0	2	0	2
15186	4	3	0	0	0	7
15187	4	0	0	2	1	7
15188	0	0	0	2	0	2
15189	0	2	0	0	0	2
15190	0	3	0	0	1	4
15191	0	0	2	0	2	4
15192	0	2	0	0	0	2
15193	0	0	0	2	1	3
15194	0	0	0	2	0	2
15195	0	0	1	0	0	1
15196	0	2	0	0	1	3
15197	1	0	3	0	0	4
15198	0	0	0	2	2	4
15199	0	0	0	1	0	1
15200	0	0	1	0	2	3
15201	0	1	0	0	0	1
15202	3	0	2	0	0	5
15203	0	0	0	2	0	2
15204	1	0	0	2	0	3
15205	2	0	1	0	0	3
15206	0	4	0	0	2	6
15207	1	0	0	2	0	3
15208	1	0	0	1	0	2
15209	0	4	0	0	0	4
15210	0	3	0	0	0	3
15211	0	4	0	0	0	4
15212	0	0	2	0	0	2
15213	2	0	1	0	0	3
15214	0	2	0	0	0	2
15215	0	3	0	0	0	3
15216	1	4	0	0	0	5
15217	0	3	0	0	2	5
15218	0	1	0	0	0	1
15219	0	0	1	0	0	1
15220	3	4	0	0	0	7
15221	0	1	0	0	0	1
15222	2	4	0	0	2	8
15223	0	0	0	2	0	2
15224	0	0	0	2	1	3
15225	0	4	0	0	1	5
15226	3	0	2	0	0	5
15227	0	0	2	0	2	4

15228	0	0	1	0	0	1
15229	1	3	0	0	0	4
15230	1	3	0	0	0	4
15231	0	0	0	2	0	2
15232	2	0	0	2	0	4
15233	0	0	2	0	0	2
15234	0	0	1	0	0	1
15235	0	4	0	0	0	4
15236	0	4	0	0	0	4
15237	0	0	1	0	0	1
15238	1	0	0	1	0	2
15239	0	3	0	0	1	4
15240	0	1	0	0	2	3
15241	0	0	0	2	2	4
15242	0	3	0	0	0	3
15243	0	0	0	2	0	2
15244	2	0	1	0	0	3
15245	1	4	0	0	0	5
15246	1	0	0	1	0	2
15247	2	1	0	0	0	3
15248	0	4	0	0	0	4
15249	0	0	0	2	1	3
15250	0	3	0	0	0	3
15251	1	1	0	0	0	2
15252	1	1	0	0	0	2
15253	0	0	0	1	0	1
15254	0	1	0	0	0	1
15255	2	1	0	0	0	3
15256	0	4	0	0	0	4
15257	1	4	0	0	2	7
15258	0	4	0	0	0	4
15259	0	1	0	0	0	1
15260	0	0	0	2	0	2
15261	0	0	0	2	1	3
15262	0	4	0	0	0	4
15263	0	0	0	1	0	1
15264	0	3	0	0	0	3
15265	0	0	2	0	2	4
15266	0	0	2	0	0	2
15267	0	4	0	0	1	5
15268	0	0	1	0	0	1
15269	0	2	0	0	0	2
15270	0	0	0	2	0	2
15271	3	0	0	2	0	5
15272	0	2	0	0	0	2
15273	0	2	0	0	0	2
15274	0	0	2	0	0	2

15275	0	0	0	2	1	3
15276	0	0	2	0	0	2
15277	0	3	0	0	0	3
15278	0	0	0	2	1	3
15279	1	0	2	0	0	3
15280	0	0	1	0	0	1
15281	0	0	0	1	2	3
15282	0	3	0	0	0	3
15283	0	0	0	2	0	2
15284	0	2	0	0	2	4
15285	0	4	0	0	0	4
15286	1	2	0	0	0	3
15287	2	0	0	1	1	4
15288	0	1	0	0	2	3
15289	0	0	0	1	0	1
15290	0	0	0	1	1	2
15291	0	0	0	1	0	1
15292	0	0	4	0	1	5
15293	0	0	2	0	0	2
15294	0	0	0	2	0	2
15295	0	0	0	2	2	4
15296	0	0	0	2	0	2
15297	0	0	0	2	0	2
15298	1	2	0	0	0	3
15299	0	3	0	0	0	3
15300	4	0	1	0	0	5
15301	0	1	0	0	0	1
15302	0	1	0	0	0	1
15303	0	4	0	0	0	4
15304	0	0	0	2	2	4
15305	1	0	0	2	2	5
15306	0	0	2	0	2	4
15307	0	0	0	1	0	1
15308	1	1	0	0	0	2
15309	0	0	0	1	0	1
15310	0	4	0	0	0	4
15311	0	4	0	0	0	4
15312	1	3	0	0	0	4
15313	0	3	0	0	0	3
15314	1	3	0	0	0	4
15315	1	1	0	0	0	2
15316	0	0	0	1	1	2
15317	2	0	0	2	2	6
15318	0	0	0	2	0	2
15319	0	0	0	2	0	2
15320	0	0	1	0	0	1
15321	0	0	2	0	0	2

15322	0	4	0	0	0	4
15323	0	3	0	0	0	3
15324	0	0	2	0	0	2
15325	0	2	0	0	0	2
15326	0	0	0	2	0	2
15327	0	0	0	2	0	2
15328	1	0	1	0	0	2
15329	1	0	0	2	0	3
15330	0	0	1	0	0	1
15331	1	4	0	0	0	5
15332	0	2	0	0	0	2
15333	0	0	0	1	2	3
15334	1	1	0	0	0	2
15335	0	0	0	1	0	1
15336	0	0	0	2	0	2
15337	0	3	0	0	1	4
15338	1	0	0	1	1	3
15339	1	0	2	0	0	3
15340	0	3	0	0	0	3
15341	0	2	0	0	0	2
15342	0	0	0	2	0	2
15343	2	1	0	0	0	3
15344	1	0	2	0	2	5
15345	0	0	0	2	0	2
15346	3	0	1	0	0	4
15347	0	0	1	0	0	1
15348	0	4	0	0	0	4
15349	0	4	0	0	0	4
15350	0	0	1	0	0	1
15351	0	0	0	1	0	1
15352	0	0	0	2	0	2
15353	0	2	0	0	1	3
15354	0	0	1	0	0	1
15355	0	0	1	0	1	2
15356	0	2	0	0	2	4
15357	0	1	0	0	1	2
15358	0	0	4	0	0	4
15359	0	0	2	0	0	2
15360	0	1	0	0	0	1
15361	2	0	0	2	2	6
15362	0	2	0	0	0	2
15363	1	0	2	0	0	3
15364	0	2	0	0	0	2
15365	0	0	1	0	0	1
15366	0	1	0	0	0	1
15367	0	0	0	2	0	2
15368	0	1	0	0	1	2

15369	0	0	1	0	0	1
15370	0	1	0	0	0	1
15371	1	2	0	0	1	4
15372	0	0	0	1	1	2
15373	0	0	1	0	0	1
15374	0	0	0	1	0	1
15375	0	1	0	0	0	1
15376	0	2	0	0	0	2
15377	0	4	0	0	2	6
15378	0	0	1	0	0	1
15379	0	1	0	0	0	1
15380	3	0	0	2	0	5
15381	0	0	2	0	0	2
15382	0	0	0	2	1	3
15383	0	0	0	2	0	2
15384	1	1	0	0	0	2
15385	0	0	1	0	0	1
15386	0	0	0	2	0	2
15387	0	0	1	0	0	1
15388	3	1	0	0	1	5
15389	1	4	0	0	0	5
15390	2	0	2	0	0	4
15391	0	0	2	0	1	3
15392	0	0	1	0	0	1
15393	3	3	0	0	0	6
15394	1	0	0	1	0	2
15395	1	4	0	0	0	5
15396	0	0	2	0	0	2
15397	1	0	0	1	0	2
15398	1	0	0	1	2	4
15399	0	0	2	0	0	2
15400	0	0	0	2	2	4
15401	0	0	1	0	0	1
15402	0	0	0	1	0	1
15403	3	3	0	0	0	6
15404	1	1	0	0	0	2
15405	0	3	0	0	0	3
15406	0	3	0	0	0	3
15407	0	1	0	0	0	1
15408	2	0	1	0	0	3
15409	1	0	0	2	0	3
15410	1	0	1	0	0	2
15411	0	0	0	1	0	1
15412	0	0	0	1	0	1
15413	1	0	0	1	0	2
15414	0	3	0	0	0	3
15415	0	0	1	0	0	1

15416	1	0	0	2	1	4
15417	0	0	0	2	0	2
15418	2	4	0	0	0	6
15419	0	4	0	0	0	4
15420	0	3	0	0	0	3
15421	0	1	0	0	0	1
15422	0	3	0	0	0	3
15423	0	2	0	0	0	2
15424	0	0	2	0	0	2
15425	0	0	0	2	2	4
15426	0	0	0	1	0	1
15427	3	0	0	1	0	4
15428	0	2	0	0	1	3
15429	1	0	1	0	0	2
15430	0	0	0	1	0	1
15431	0	1	0	0	1	2
15432	3	0	1	0	0	4
15433	1	2	0	0	0	3
15434	0	3	0	0	0	3
15435	0	3	0	0	1	4
15436	0	4	0	0	0	4
15437	0	0	2	0	2	4
15438	0	0	0	2	0	2
15439	0	0	2	0	1	3
15440	0	0	1	0	0	1
15441	0	0	2	0	0	2
15442	1	0	0	2	0	3
15443	1	0	1	0	0	2
15444	0	1	0	0	0	1
15445	0	2	0	0	0	2
15446	0	4	0	0	0	4
15447	0	3	0	0	0	3
15448	1	0	0	1	0	2
15449	0	0	2	0	0	2
15450	2	2	0	0	0	4
15451	0	3	0	0	0	3
15452	2	0	3	0	2	7
15453	0	0	0	1	1	2
15454	0	0	0	2	0	2
15455	0	1	0	0	0	1
15456	3	0	1	0	0	4
15457	0	0	0	2	0	2
15458	0	4	0	0	0	4
15459	0	0	2	0	0	2
15460	0	0	0	1	1	2
15461	0	0	0	1	0	1
15462	0	0	0	1	0	1

15463	0	2	0	0	0	2
15464	0	0	1	0	0	1
15465	0	4	0	0	0	4
15466	1	4	0	0	0	5
15467	0	0	0	2	0	2
15468	0	4	0	0	0	4
15469	0	0	1	0	0	1
15470	0	0	1	0	0	1
15471	0	4	0	0	0	4
15472	0	4	0	0	0	4
15473	0	0	2	0	0	2
15474	0	0	2	0	0	2
15475	0	2	0	0	0	2
15476	0	2	0	0	0	2
15477	1	4	0	0	0	5
15478	0	3	0	0	0	3
15479	0	0	2	0	0	2
15480	0	2	0	0	0	2
15481	0	0	0	2	2	4
15482	0	0	1	0	0	1
15483	0	0	0	2	2	4
15484	0	2	0	0	0	2
15485	0	0	0	2	0	2
15486	0	1	0	0	0	1
15487	0	0	0	1	0	1
15488	3	0	1	0	0	4
15489	0	0	0	2	0	2
15490	0	0	0	2	0	2
15491	0	0	0	2	0	2
15492	1	4	0	0	0	5
15493	1	3	0	0	2	6
15494	1	0	0	2	0	3
15495	0	0	0	2	1	3
15496	1	4	0	0	0	5
15497	0	4	0	0	0	4
15498	3	4	0	0	0	7
15499	0	3	0	0	1	4
15500	0	3	0	0	0	3
15501	3	0	2	0	0	5
15502	3	2	0	0	0	5
15503	0	0	1	0	0	1
15504	0	3	0	0	0	3
15505	0	0	0	2	0	2
15506	0	0	0	2	0	2
15507	0	0	0	2	0	2
15508	0	0	4	0	0	4
15509	0	4	0	0	2	6

15510	0	0	2	0	0	2
15511	1	0	0	2	0	3
15512	0	4	0	0	2	6
15513	0	0	4	0	0	4
15514	0	0	0	1	0	1
15515	0	0	1	0	0	1
15516	0	0	1	0	0	1
15517	0	0	2	0	2	4
15518	0	0	0	2	0	2
15519	0	1	0	0	1	2
15520	1	3	0	0	2	6
15521	2	0	0	2	0	4
15522	0	0	0	2	0	2
15523	0	0	0	1	2	3
15524	0	4	0	0	2	6
15525	0	0	1	0	0	1
15526	0	0	0	2	0	2
15527	0	0	0	2	2	4
15528	0	1	0	0	0	1
15529	1	0	1	0	0	2
15530	0	0	1	0	0	1
15531	0	2	0	0	0	2
15532	0	0	1	0	0	1
15533	0	0	0	1	0	1
15534	1	4	0	0	0	5
15535	0	0	1	0	1	2
15536	0	1	0	0	0	1
15537	0	0	1	0	0	1
15538	0	0	0	2	2	4
15539	0	2	0	0	1	3
15540	0	0	1	0	0	1
15541	0	3	0	0	2	5
15542	0	0	0	2	2	4
15543	2	4	0	0	0	6
15544	0	0	2	0	0	2
15545	0	0	1	0	0	1
15546	0	0	0	2	0	2
15547	0	0	1	0	0	1
15548	0	0	1	0	0	1
15549	0	4	0	0	1	5
15550	0	0	1	0	1	2
15551	0	0	1	0	0	1
15552	0	0	0	2	0	2
15553	0	4	0	0	0	4
15554	0	0	0	2	0	2
15555	2	1	0	0	0	3
15556	0	0	1	0	0	1

15557	0	2	0	0	0	2
15558	0	0	0	2	0	2
15559	0	0	4	0	0	4
15560	0	0	0	1	0	1
15561	0	0	1	0	0	1
15562	0	0	0	1	0	1
15563	4	0	0	2	0	6
15564	2	4	0	0	2	8
15565	0	3	0	0	0	3
15566	0	0	1	0	0	1
15567	0	3	0	0	1	4
15568	0	1	0	0	2	3
15569	0	0	2	0	0	2
15570	0	0	0	1	0	1
15571	0	0	0	1	0	1
15572	0	0	2	0	0	2
15573	0	1	0	0	0	1
15574	0	3	0	0	0	3
15575	0	0	2	0	0	2
15576	0	4	0	0	1	5
15577	1	2	0	0	0	3
15578	1	3	0	0	0	4
15579	0	0	0	2	0	2
15580	3	0	1	0	2	6
15581	0	0	0	1	0	1
15582	0	1	0	0	0	1
15583	1	3	0	0	0	4
15584	0	0	2	0	0	2
15585	0	0	1	0	0	1
15586	1	0	2	0	0	3
15587	0	0	1	0	0	1
15588	1	0	0	2	0	3
15589	0	3	0	0	0	3
15590	1	0	1	0	2	4
15591	0	0	2	0	0	2
15592	0	3	0	0	0	3
15593	3	1	0	0	0	4
15594	0	0	2	0	0	2
15595	3	4	0	0	1	8
15596	2	0	2	0	0	4
15597	0	0	2	0	1	3
15598	0	0	0	2	0	2
15599	0	0	0	2	0	2
15600	0	1	0	0	1	2
15601	1	0	1	0	0	2
15602	0	1	0	0	2	3
15603	1	0	2	0	2	5

15604	0	0	2	0	1	3
15605	0	0	1	0	0	1
15606	0	1	0	0	0	1
15607	1	0	4	0	0	5
15608	0	0	2	0	0	2
15609	0	3	0	0	0	3
15610	0	3	0	0	0	3
15611	2	0	1	0	0	3
15612	0	2	0	0	0	2
15613	0	4	0	0	1	5
15614	0	4	0	0	0	4
15615	0	0	1	0	1	2
15616	0	0	0	2	0	2
15617	0	4	0	0	0	4
15618	0	0	0	1	2	3
15619	0	0	0	2	0	2
15620	0	0	0	2	0	2
15621	0	0	2	0	1	3
15622	1	3	0	0	0	4
15623	1	0	0	2	0	3
15624	1	0	0	2	0	3
15625	0	0	1	0	2	3
15626	0	0	1	0	0	1
15627	0	3	0	0	0	3
15628	0	1	0	0	0	1
15629	0	0	0	2	0	2
15630	0	2	0	0	0	2
15631	0	0	2	0	1	3
15632	0	2	0	0	0	2
15633	0	0	2	0	0	2
15634	4	4	0	0	0	8
15635	0	0	4	0	0	4
15636	0	0	0	2	0	2
15637	0	0	0	2	1	3
15638	1	0	2	0	0	3
15639	0	2	0	0	0	2
15640	0	0	0	1	1	2
15641	1	0	0	1	2	4
15642	0	0	2	0	0	2
15643	0	0	2	0	0	2
15644	0	0	0	1	1	2
15645	0	4	0	0	0	4
15646	0	0	2	0	0	2
15647	0	4	0	0	0	4
15648	0	0	0	1	0	1
15649	4	0	0	1	0	5
15650	0	4	0	0	0	4

15651	3	3	0	0	0	6
15652	0	3	0	0	0	3
15653	0	3	0	0	1	4
15654	1	0	0	1	0	2
15655	0	0	0	2	0	2
15656	0	0	1	0	0	1
15657	2	4	0	0	2	8
15658	0	0	0	2	1	3
15659	0	0	0	1	0	1
15660	0	0	0	2	1	3
15661	0	0	0	1	0	1
15662	0	2	0	0	0	2
15663	0	4	0	0	0	4
15664	1	3	0	0	1	5
15665	0	0	2	0	1	3
15666	1	0	1	0	0	2
15667	0	0	1	0	0	1
15668	2	0	0	2	1	5
15669	1	1	0	0	1	3
15670	0	1	0	0	0	1
15671	0	0	2	0	0	2
15672	1	0	0	1	1	3
15673	0	0	0	2	0	2
15674	0	0	0	2	0	2
15675	0	0	0	2	0	2
15676	0	4	0	0	0	4
15677	0	2	0	0	2	4
15678	0	1	0	0	0	1
15679	0	0	2	0	1	3
15680	1	0	3	0	0	4
15681	1	0	0	2	0	3
15682	0	1	0	0	0	1
15683	0	3	0	0	0	3
15684	0	4	0	0	0	4
15685	0	0	2	0	0	2
15686	1	0	1	0	2	4
15687	0	1	0	0	0	1
15688	0	0	0	1	0	1
15689	0	0	0	2	0	2
15690	1	0	0	1	0	2
15691	0	0	1	0	0	1
15692	0	1	0	0	0	1
15693	0	0	0	2	2	4
15694	0	4	0	0	0	4
15695	0	0	0	1	1	2
15696	0	0	2	0	0	2
15697	0	3	0	0	0	3

15698	1	0	0	2	0	3
15699	0	1	0	0	0	1
15700	0	0	0	1	0	1
15701	0	1	0	0	1	2
15702	0	0	2	0	0	2
15703	0	3	0	0	0	3
15704	2	0	0	2	0	4
15705	0	3	0	0	0	3
15706	0	0	0	2	0	2
15707	1	3	0	0	0	4
15708	2	0	2	0	0	4
15709	0	2	0	0	0	2
15710	0	0	0	2	0	2
15711	0	3	0	0	0	3
15712	0	0	3	0	0	3
15713	0	2	0	0	0	2
15714	1	0	3	0	0	4
15715	1	1	0	0	0	2
15716	0	0	2	0	0	2
15717	0	2	0	0	0	2
15718	0	0	0	1	0	1
15719	0	3	0	0	0	3
15720	0	2	0	0	1	3
15721	1	0	1	0	2	4
15722	2	0	0	2	0	4
15723	0	0	0	1	2	3
15724	1	0	0	1	0	2
15725	0	2	0	0	0	2
15726	0	0	0	2	0	2
15727	3	0	0	2	0	5
15728	0	0	0	1	0	1
15729	0	0	0	2	0	2
15730	0	1	0	0	0	1
15731	0	0	0	2	2	4
15732	2	0	0	2	0	4
15733	0	0	4	0	0	4
15734	0	0	0	2	2	4
15735	0	3	0	0	0	3
15736	0	0	0	2	0	2
15737	0	4	0	0	1	5
15738	0	0	0	2	0	2
15739	1	0	2	0	0	3
15740	0	4	0	0	1	5
15741	1	4	0	0	1	6
15742	0	0	0	2	0	2
15743	1	4	0	0	0	5
15744	0	2	0	0	0	2

15745	0	3	0	0	0	3
15746	0	0	0	1	0	1
15747	0	1	0	0	0	1
15748	1	0	1	0	0	2
15749	0	0	0	2	0	2
15750	0	0	0	2	0	2
15751	2	3	0	0	0	5
15752	0	4	0	0	0	4
15753	3	0	0	2	0	5
15754	0	3	0	0	1	4
15755	0	0	0	2	0	2
15756	0	4	0	0	0	4
15757	0	0	1	0	1	2
15758	0	3	0	0	0	3
15759	0	2	0	0	0	2
15760	0	0	2	0	0	2
15761	0	0	1	0	0	1
15762	0	3	0	0	2	5
15763	1	0	0	2	0	3
15764	0	0	2	0	1	3
15765	0	1	0	0	0	1
15766	0	3	0	0	0	3
15767	1	0	3	0	0	4
15768	0	0	1	0	0	1
15769	0	4	0	0	1	5
15770	0	2	0	0	1	3
15771	0	0	0	2	0	2
15772	0	0	0	1	0	1
15773	1	0	0	2	2	5
15774	1	1	0	0	1	3
15775	2	0	2	0	1	5
15776	0	0	4	0	0	4
15777	0	0	1	0	0	1
15778	0	1	0	0	2	3
15779	0	0	0	2	0	2
15780	0	0	1	0	0	1
15781	1	0	0	2	0	3
15782	0	0	0	2	0	2
15783	0	0	0	2	0	2
15784	0	2	0	0	0	2
15785	0	0	3	0	0	3
15786	0	0	1	0	0	1
15787	0	1	0	0	0	1
15788	0	0	2	0	0	2
15789	2	1	0	0	0	3
15790	1	0	2	0	0	3
15791	0	2	0	0	0	2

15792	0	2	0	0	0	2
15793	0	3	0	0	0	3
15794	1	3	0	0	0	4
15795	0	0	0	2	0	2
15796	0	3	0	0	0	3
15797	0	0	0	2	0	2
15798	0	0	0	2	0	2
15799	2	0	2	0	0	4
15800	0	4	0	0	0	4
15801	1	0	0	2	0	3
15802	1	4	0	0	0	5
15803	0	0	2	0	0	2
15804	0	0	0	2	0	2
15805	0	0	0	2	2	4
15806	1	0	0	1	0	2
15807	0	4	0	0	0	4
15808	1	0	2	0	0	3
15809	0	1	0	0	1	2
15810	2	2	0	0	0	4
15811	0	0	0	1	0	1
15812	0	0	0	2	0	2
15813	0	4	0	0	0	4
15814	0	0	0	2	0	2
15815	0	0	0	2	0	2
15816	1	0	2	0	1	4
15817	2	0	0	2	0	4
15818	0	2	0	0	0	2
15819	0	3	0	0	0	3
15820	0	0	3	0	0	3
15821	0	0	2	0	0	2
15822	0	0	1	0	2	3
15823	0	0	0	2	1	3
15824	0	1	0	0	0	1
15825	0	1	0	0	0	1
15826	0	3	0	0	0	3
15827	1	0	0	2	1	4
15828	0	0	0	1	0	1
15829	0	0	1	0	0	1
15830	0	0	2	0	0	2
15831	1	0	1	0	0	2
15832	0	0	0	2	0	2
15833	0	4	0	0	2	6
15834	1	2	0	0	0	3
15835	0	4	0	0	0	4
15836	1	2	0	0	0	3
15837	0	0	2	0	0	2
15838	0	3	0	0	0	3

15839	0	0	1	0	0	1
15840	0	0	1	0	0	1
15841	0	4	0	0	0	4
15842	0	1	0	0	0	1
15843	0	0	2	0	0	2
15844	0	4	0	0	2	6
15845	0	0	0	1	2	3
15846	0	0	0	1	0	1
15847	0	3	0	0	0	3
15848	0	3	0	0	0	3
15849	0	0	2	0	1	3
15850	0	3	0	0	0	3
15851	0	0	2	0	0	2
15852	3	3	0	0	0	6
15853	0	2	0	0	0	2
15854	0	3	0	0	0	3
15855	2	4	0	0	0	6
15856	4	0	3	0	0	7
15857	2	3	0	0	0	5
15858	0	0	1	0	2	3
15859	0	4	0	0	1	5
15860	0	0	0	1	0	1
15861	0	0	2	0	0	2
15862	0	1	0	0	0	1
15863	0	0	0	2	0	2
15864	0	4	0	0	0	4
15865	0	0	2	0	0	2
15866	0	0	0	2	0	2
15867	0	0	2	0	1	3
15868	0	0	2	0	0	2
15869	0	3	0	0	0	3
15870	0	0	1	0	0	1
15871	0	0	1	0	2	3
15872	0	3	0	0	0	3
15873	0	0	0	2	0	2
15874	0	0	0	2	0	2
15875	0	0	0	2	0	2
15876	1	0	2	0	0	3
15877	0	3	0	0	0	3
15878	0	0	1	0	0	1
15879	0	0	1	0	0	1
15880	0	1	0	0	0	1
15881	0	3	0	0	0	3
15882	0	0	2	0	0	2
15883	2	0	1	0	0	3
15884	0	0	4	0	0	4
15885	0	2	0	0	1	3

15886	0	3	0	0	0	3
15887	2	4	0	0	0	6
15888	0	0	0	2	0	2
15889	0	2	0	0	0	2
15890	0	2	0	0	0	2
15891	2	3	0	0	0	5
15892	1	0	0	2	0	3
15893	0	0	0	1	0	1
15894	0	0	0	2	1	3
15895	2	4	0	0	2	8
15896	0	0	0	2	0	2
15897	0	0	0	2	0	2
15898	2	0	1	0	2	5
15899	1	3	0	0	0	4
15900	0	0	0	2	0	2
15901	0	0	0	2	0	2
15902	0	2	0	0	2	4
15903	0	3	0	0	0	3
15904	0	3	0	0	0	3
15905	0	0	0	2	0	2
15906	2	0	0	2	0	4
15907	0	0	0	1	1	2
15908	1	2	0	0	0	3
15909	0	1	0	0	0	1
15910	0	2	0	0	0	2
15911	1	0	1	0	1	3
15912	0	0	0	2	0	2
15913	0	0	0	2	0	2
15914	0	0	0	1	0	1
15915	0	0	1	0	0	1
15916	0	0	0	2	0	2
15917	1	0	0	2	0	3
15918	0	2	0	0	1	3
15919	0	2	0	0	0	2
15920	0	0	1	0	0	1
15921	0	0	1	0	0	1
15922	0	0	4	0	0	4
15923	0	0	2	0	0	2
15924	0	0	1	0	0	1
15925	2	2	0	0	0	4
15926	1	0	1	0	0	2
15927	0	0	2	0	0	2
15928	1	4	0	0	0	5
15929	0	1	0	0	0	1
15930	0	2	0	0	0	2
15931	2	1	0	0	0	3
15932	1	2	0	0	1	4

15933	1	0	1	0	2	4
15934	0	0	1	0	0	1
15935	0	0	0	1	2	3
15936	0	3	0	0	0	3
15937	1	0	1	0	0	2
15938	0	0	0	2	0	2
15939	0	0	0	1	0	1
15940	0	2	0	0	0	2
15941	0	3	0	0	0	3
15942	1	3	0	0	2	6
15943	1	3	0	0	0	4
15944	0	3	0	0	0	3
15945	0	4	0	0	0	4
15946	0	0	0	1	1	2
15947	0	2	0	0	2	4
15948	1	2	0	0	0	3
15949	0	0	0	2	1	3
15950	0	0	2	0	0	2
15951	4	0	2	0	0	6
15952	2	2	0	0	2	6
15953	1	1	0	0	2	4
15954	1	0	0	2	0	3
15955	0	0	1	0	0	1
15956	0	0	2	0	0	2
15957	1	0	2	0	0	3
15958	1	3	0	0	0	4
15959	1	3	0	0	0	4
15960	0	0	0	2	0	2
15961	0	3	0	0	1	4
15962	0	0	2	0	0	2
15963	0	0	2	0	0	2
15964	0	4	0	0	0	4
15965	0	0	0	1	2	3
15966	0	0	0	2	0	2
15967	0	0	0	2	0	2
15968	0	0	2	0	2	4
15969	0	2	0	0	2	4
15970	0	3	0	0	0	3
15971	0	2	0	0	0	2
15972	0	0	2	0	1	3
15973	0	0	0	1	0	1
15974	0	4	0	0	0	4
15975	0	4	0	0	0	4
15976	0	4	0	0	0	4
15977	1	0	3	0	0	4
15978	0	1	0	0	0	1
15979	1	4	0	0	0	5

15980	0	0	0	1	0	1
15981	2	0	0	2	0	4
15982	0	1	0	0	0	1
15983	1	1	0	0	0	2
15984	0	0	0	2	0	2
15985	0	0	4	0	0	4
15986	0	0	0	2	0	2
15987	0	0	0	2	0	2
15988	1	0	0	2	0	3
15989	0	0	0	1	0	1
15990	0	0	0	2	0	2
15991	1	0	0	1	0	2
15992	0	0	2	0	2	4
15993	0	0	1	0	0	1
15994	0	3	0	0	0	3
15995	0	2	0	0	0	2
15996	0	1	0	0	0	1
15997	0	0	1	0	0	1
15998	0	2	0	0	0	2
15999	0	3	0	0	0	3
16000	0	3	0	0	0	3
16001	0	0	1	0	0	1
16002	0	3	0	0	0	3
16003	0	0	0	2	0	2
16004	1	0	0	2	1	4
16005	0	0	1	0	0	1
16006	0	2	0	0	0	2
16007	1	0	0	2	0	3
16008	1	0	0	2	0	3
16009	0	1	0	0	0	1
16010	0	1	0	0	0	1
16011	2	0	1	0	0	3
16012	0	0	1	0	0	1
16013	1	4	0	0	1	6
16014	0	0	1	0	0	1
16015	1	0	0	1	0	2
16016	0	3	0	0	0	3
16017	0	1	0	0	0	1
16018	0	0	1	0	0	1
16019	0	0	0	2	1	3
16020	0	0	2	0	2	4
16021	2	0	2	0	0	4
16022	1	0	0	2	0	3
16023	0	0	1	0	0	1
16024	0	0	2	0	2	4
16025	0	2	0	0	0	2
16026	0	0	4	0	0	4

16027	0	1	0	0	0	1
16028	0	0	1	0	0	1
16029	0	3	0	0	0	3
16030	0	0	2	0	0	2
16031	0	0	1	0	2	3
16032	0	1	0	0	0	1
16033	0	0	1	0	0	1
16034	0	2	0	0	2	4
16035	0	0	0	2	0	2
16036	0	2	0	0	0	2
16037	1	3	0	0	0	4
16038	0	0	0	2	2	4
16039	0	0	1	0	0	1
16040	0	0	0	2	0	2
16041	0	0	1	0	0	1
16042	0	2	0	0	2	4
16043	0	1	0	0	2	3
16044	0	0	3	0	0	3
16045	2	3	0	0	0	5
16046	0	0	1	0	0	1
16047	2	0	0	1	2	5
16048	0	0	0	2	0	2
16049	0	0	0	1	2	3
16050	2	0	2	0	0	4
16051	0	0	0	2	0	2
16052	0	2	0	0	0	2
16053	0	3	0	0	0	3
16054	0	0	0	1	0	1
16055	0	2	0	0	0	2
16056	0	4	0	0	0	4
16057	0	3	0	0	2	5
16058	0	0	1	0	0	1
16059	0	0	2	0	0	2
16060	4	0	2	0	0	6
16061	0	4	0	0	0	4
16062	2	1	0	0	0	3
16063	0	0	0	2	1	3
16064	1	0	2	0	0	3
16065	0	0	0	2	1	3
16066	0	0	0	2	0	2
16067	0	2	0	0	2	4
16068	0	0	0	2	0	2
16069	0	0	0	2	0	2
16070	0	3	0	0	0	3
16071	1	3	0	0	0	4
16072	0	0	2	0	0	2
16073	0	0	2	0	0	2

16074	1	0	0	2	0	3
16075	0	0	0	2	0	2
16076	0	0	0	1	0	1
16077	0	0	0	2	0	2
16078	1	0	0	2	0	3
16079	0	0	0	1	0	1
16080	0	0	0	2	0	2
16081	0	2	0	0	0	2
16082	0	0	2	0	1	3
16083	0	0	0	2	2	4
16084	0	0	0	2	0	2
16085	1	0	1	0	0	2
16086	0	0	2	0	0	2
16087	1	3	0	0	0	4
16088	0	0	0	1	0	1
16089	0	0	0	2	0	2
16090	0	3	0	0	0	3
16091	0	0	1	0	0	1
16092	2	2	0	0	0	4
16093	0	0	0	1	0	1
16094	0	0	2	0	0	2
16095	0	2	0	0	2	4
16096	3	0	0	2	0	5
16097	0	4	0	0	0	4
16098	0	0	1	0	0	1
16099	0	1	0	0	0	1
16100	0	2	0	0	0	2
16101	0	0	0	2	0	2
16102	0	0	0	2	0	2
16103	0	1	0	0	1	2
16104	1	0	0	2	0	3
16105	1	0	0	1	0	2
16106	0	2	0	0	0	2
16107	0	0	1	0	0	1
16108	0	0	2	0	0	2
16109	0	4	0	0	0	4
16110	0	0	1	0	2	3
16111	2	0	1	0	1	4
16112	3	4	0	0	0	7
16113	0	2	0	0	0	2
16114	0	0	2	0	0	2
16115	1	0	1	0	1	3
16116	0	0	1	0	0	1
16117	1	3	0	0	0	4
16118	0	4	0	0	0	4
16119	1	0	0	1	0	2
16120	1	3	0	0	0	4

16121	0	2	0	0	0	2
16122	0	4	0	0	0	4
16123	2	2	0	0	0	4
16124	0	0	0	2	0	2
16125	1	1	0	0	0	2
16126	0	0	2	0	0	2
16127	1	0	1	0	0	2
16128	1	4	0	0	0	5
16129	0	0	2	0	2	4
16130	0	0	0	2	0	2
16131	0	2	0	0	1	3
16132	3	3	0	0	0	6
16133	1	0	0	2	0	3
16134	0	2	0	0	0	2
16135	0	0	0	2	0	2
16136	0	0	1	0	0	1
16137	0	0	1	0	0	1
16138	0	0	2	0	0	2
16139	1	0	1	0	0	2
16140	0	4	0	0	2	6
16141	0	0	0	2	0	2
16142	1	1	0	0	0	2
16143	0	1	0	0	0	1
16144	0	3	0	0	2	5
16145	0	0	1	0	0	1
16146	0	2	0	0	2	4
16147	0	2	0	0	0	2
16148	0	0	2	0	0	2
16149	0	1	0	0	0	1
16150	0	0	0	1	0	1
16151	0	2	0	0	2	4
16152	0	2	0	0	0	2
16153	1	3	0	0	0	4
16154	0	0	0	2	2	4
16155	4	1	0	0	0	5
16156	0	4	0	0	0	4
16157	1	0	2	0	0	3
16158	0	0	3	0	0	3
16159	3	2	0	0	0	5
16160	0	0	2	0	1	3
16161	0	2	0	0	0	2
16162	0	0	0	2	0	2
16163	0	0	0	1	0	1
16164	2	1	0	0	0	3
16165	0	0	0	2	0	2
16166	0	0	0	2	0	2
16167	0	0	1	0	0	1

16168	1	0	0	2	0	3
16169	0	3	0	0	0	3
16170	1	0	0	2	0	3
16171	4	2	0	0	0	6
16172	0	0	0	1	0	1
16173	0	3	0	0	0	3
16174	0	3	0	0	0	3
16175	1	3	0	0	0	4
16176	0	0	4	0	0	4
16177	0	0	0	1	0	1
16178	0	3	0	0	0	3
16179	4	0	0	1	0	5
16180	1	3	0	0	0	4
16181	3	0	0	2	0	5
16182	0	0	1	0	1	2
16183	0	0	1	0	2	3
16184	0	0	0	2	0	2
16185	0	0	0	1	0	1
16186	0	2	0	0	1	3
16187	0	4	0	0	0	4
16188	0	0	0	2	1	3
16189	0	4	0	0	0	4
16190	0	3	0	0	0	3
16191	1	1	0	0	0	2
16192	4	4	0	0	0	8
16193	0	0	0	2	0	2
16194	1	0	1	0	0	2
16195	0	0	1	0	2	3
16196	0	4	0	0	0	4
16197	0	1	0	0	1	2
16198	0	4	0	0	0	4
16199	3	0	1	0	0	4
16200	3	2	0	0	0	5
16201	0	0	2	0	0	2
16202	0	0	1	0	2	3
16203	0	0	0	2	0	2
16204	0	1	0	0	1	2
16205	3	0	1	0	0	4
16206	0	0	0	2	2	4
16207	0	0	0	2	0	2
16208	1	0	2	0	1	4
16209	2	0	0	2	0	4
16210	0	0	0	2	0	2
16211	0	0	0	2	0	2
16212	0	0	2	0	0	2
16213	0	0	0	2	2	4
16214	0	0	0	1	2	3

16215	0	2	0	0	1	3
16216	0	0	1	0	0	1
16217	1	0	0	1	1	3
16218	0	0	2	0	0	2
16219	0	0	1	0	0	1
16220	1	2	0	0	0	3
16221	0	0	1	0	0	1
16222	0	1	0	0	0	1
16223	0	0	0	2	0	2
16224	0	0	2	0	2	4
16225	0	1	0	0	0	1
16226	1	0	0	2	0	3
16227	0	0	1	0	0	1
16228	0	0	1	0	0	1
16229	0	0	4	0	1	5
16230	0	0	1	0	0	1
16231	0	0	0	2	0	2
16232	0	0	0	2	1	3
16233	1	0	1	0	0	2
16234	0	2	0	0	0	2
16235	0	0	3	0	0	3
16236	0	3	0	0	0	3
16237	1	0	0	2	0	3
16238	1	0	0	2	0	3
16239	2	1	0	0	0	3
16240	0	4	0	0	0	4
16241	0	4	0	0	1	5
16242	0	0	0	2	2	4
16243	0	3	0	0	0	3
16244	0	0	4	0	1	5
16245	0	0	1	0	0	1
16246	1	0	1	0	0	2
16247	0	0	2	0	0	2
16248	0	3	0	0	0	3
16249	2	4	0	0	1	7
16250	0	0	0	1	0	1
16251	0	0	1	0	2	3
16252	0	0	0	1	0	1
16253	0	2	0	0	0	2
16254	0	0	2	0	0	2
16255	0	0	2	0	0	2
16256	1	0	0	2	0	3
16257	0	0	0	1	0	1
16258	0	0	1	0	0	1
16259	0	0	0	1	0	1
16260	0	0	0	1	2	3
16261	0	0	0	1	0	1

16262	0	0	0	2	0	2
16263	1	4	0	0	0	5
16264	0	2	0	0	0	2
16265	0	0	2	0	0	2
16266	0	0	2	0	0	2
16267	0	0	0	1	0	1
16268	0	0	0	1	0	1
16269	1	1	0	0	0	2
16270	0	4	0	0	1	5
16271	1	0	2	0	2	5
16272	0	1	0	0	0	1
16273	0	4	0	0	0	4
16274	0	3	0	0	2	5
16275	1	2	0	0	0	3
16276	0	0	2	0	2	4
16277	0	1	0	0	0	1
16278	0	0	0	2	0	2
16279	1	0	0	1	0	2
16280	0	0	1	0	0	1
16281	0	0	0	2	0	2
16282	0	0	1	0	0	1
16283	0	0	0	2	0	2
16284	0	0	1	0	0	1
16285	0	1	0	0	0	1
16286	1	1	0	0	1	3
16287	0	0	0	2	0	2
16288	0	0	2	0	2	4
16289	0	4	0	0	0	4
16290	2	4	0	0	0	6
16291	0	4	0	0	0	4
16292	0	2	0	0	0	2
16293	0	0	0	1	0	1
16294	0	0	0	1	0	1
16295	1	0	0	2	0	3
16296	0	0	0	2	0	2
16297	1	0	2	0	2	5
16298	1	0	0	2	0	3
16299	0	0	0	1	2	3
16300	0	0	0	1	0	1
16301	0	4	0	0	0	4
16302	0	0	1	0	0	1
16303	0	0	0	2	0	2
16304	0	0	1	0	0	1
16305	0	0	1	0	0	1
16306	0	3	0	0	0	3
16307	0	2	0	0	1	3
16308	0	0	1	0	0	1

16309	0	0	0	1	0	1
16310	0	0	0	2	0	2
16311	0	0	0	2	0	2
16312	0	2	0	0	0	2
16313	0	0	2	0	2	4
16314	0	2	0	0	0	2
16315	0	0	2	0	1	3
16316	0	0	1	0	0	1
16317	0	3	0	0	0	3
16318	0	4	0	0	0	4
16319	0	0	2	0	2	4
16320	0	1	0	0	0	1
16321	0	4	0	0	0	4
16322	0	1	0	0	0	1
16323	3	0	0	1	2	6
16324	1	0	1	0	0	2
16325	0	0	2	0	0	2
16326	2	3	0	0	0	5
16327	0	1	0	0	0	1
16328	0	2	0	0	0	2
16329	0	0	0	2	1	3
16330	0	0	1	0	0	1
16331	0	1	0	0	0	1
16332	0	0	1	0	0	1
16333	0	0	2	0	2	4
16334	0	0	2	0	0	2
16335	0	0	4	0	0	4
16336	3	0	1	0	0	4
16337	2	0	0	1	0	3
16338	0	4	0	0	0	4
16339	0	0	1	0	0	1
16340	0	0	0	2	0	2
16341	0	0	3	0	0	3
16342	0	0	0	1	0	1
16343	2	0	1	0	0	3
16344	0	0	0	2	0	2
16345	0	3	0	0	0	3
16346	1	0	0	2	0	3
16347	0	0	0	2	0	2
16348	0	0	0	2	0	2
16349	1	2	0	0	0	3
16350	0	0	0	1	0	1
16351	0	0	2	0	0	2
16352	1	2	0	0	0	3
16353	0	0	0	1	1	2
16354	0	0	2	0	0	2
16355	0	0	0	2	1	3

16356	0	0	0	2	0	2
16357	0	1	0	0	0	1
16358	0	2	0	0	0	2
16359	2	3	0	0	0	5
16360	1	0	1	0	0	2
16361	0	4	0	0	1	5
16362	0	1	0	0	0	1
16363	1	0	0	1	1	3
16364	0	3	0	0	0	3
16365	0	0	0	2	0	2
16366	0	0	1	0	0	1
16367	0	0	0	1	2	3
16368	0	4	0	0	0	4
16369	0	0	0	2	2	4
16370	0	3	0	0	0	3
16371	0	1	0	0	0	1
16372	0	1	0	0	0	1
16373	0	0	0	2	0	2
16374	0	1	0	0	1	2
16375	0	0	0	2	0	2
16376	0	0	0	2	2	4
16377	1	2	0	0	0	3
16378	0	0	3	0	0	3
16379	2	1	0	0	2	5
16380	0	0	2	0	1	3
16381	0	2	0	0	0	2
16382	0	0	0	1	0	1
16383	0	2	0	0	2	4
16384	0	0	1	0	0	1
16385	0	2	0	0	1	3
16386	0	1	0	0	0	1
16387	1	0	4	0	0	5
16388	1	0	1	0	1	3
16389	1	2	0	0	0	3
16390	0	3	0	0	0	3
16391	0	0	1	0	0	1
16392	0	0	1	0	0	1
16393	0	0	0	1	2	3
16394	0	2	0	0	1	3
16395	2	2	0	0	0	4
16396	0	4	0	0	0	4
16397	0	3	0	0	0	3
16398	0	2	0	0	1	3
16399	1	0	0	2	0	3
16400	0	0	2	0	1	3
16401	0	3	0	0	0	3
16402	0	0	0	2	0	2

16403	0	0	2	0	0	2
16404	2	0	0	1	2	5
16405	1	0	1	0	2	4
16406	0	2	0	0	0	2
16407	0	0	2	0	0	2
16408	0	2	0	0	0	2
16409	0	0	1	0	0	1
16410	0	4	0	0	0	4
16411	1	0	1	0	0	2
16412	0	2	0	0	0	2
16413	1	2	0	0	0	3
16414	0	0	0	1	1	2
16415	0	2	0	0	0	2
16416	0	0	2	0	0	2
16417	0	0	0	2	2	4
16418	1	0	0	2	0	3
16419	0	0	0	1	0	1
16420	1	0	0	1	0	2
16421	2	4	0	0	0	6
16422	0	0	1	0	0	1
16423	1	0	1	0	0	2
16424	0	1	0	0	0	1
16425	0	0	2	0	0	2
16426	0	0	2	0	0	2
16427	0	3	0	0	0	3
16428	0	3	0	0	0	3
16429	1	0	0	2	0	3
16430	1	4	0	0	0	5
16431	0	0	0	1	0	1
16432	0	0	0	2	0	2
16433	0	0	0	2	0	2
16434	0	0	0	2	0	2
16435	1	0	0	2	0	3
16436	0	0	0	2	1	3
16437	0	0	1	0	0	1
16438	3	3	0	0	0	6
16439	0	0	0	1	0	1
16440	1	0	3	0	0	4
16441	0	1	0	0	0	1
16442	0	0	0	1	1	2
16443	0	4	0	0	0	4
16444	0	0	1	0	0	1
16445	2	0	2	0	2	6
16446	0	0	0	1	0	1
16447	0	0	0	2	0	2
16448	1	0	2	0	0	3
16449	1	1	0	0	1	3

16450	1	1	0	0	0	2
16451	0	0	0	2	0	2
16452	0	3	0	0	0	3
16453	0	0	0	2	0	2
16454	0	0	2	0	2	4
16455	0	2	0	0	0	2
16456	0	1	0	0	0	1
16457	4	0	0	1	0	5
16458	0	4	0	0	2	6
16459	0	0	2	0	1	3
16460	0	0	2	0	0	2
16461	1	0	1	0	1	3
16462	0	3	0	0	0	3
16463	1	4	0	0	0	5
16464	1	3	0	0	0	4
16465	0	3	0	0	2	5
16466	0	0	0	1	0	1
16467	0	0	1	0	2	3
16468	1	0	0	1	0	2
16469	1	0	2	0	2	5
16470	0	0	0	1	0	1
16471	0	2	0	0	0	2
16472	0	2	0	0	0	2
16473	2	3	0	0	0	5
16474	0	1	0	0	0	1
16475	0	0	3	0	0	3
16476	0	4	0	0	0	4
16477	0	1	0	0	0	1
16478	1	2	0	0	2	5
16479	0	4	0	0	0	4
16480	0	1	0	0	0	1
16481	0	0	0	2	1	3
16482	1	2	0	0	0	3
16483	0	0	0	2	2	4
16484	0	3	0	0	1	4
16485	0	0	0	2	0	2
16486	2	0	2	0	2	6
16487	0	0	1	0	0	1
16488	0	0	4	0	0	4
16489	0	0	0	1	0	1
16490	0	2	0	0	1	3
16491	0	0	1	0	0	1
16492	0	0	1	0	0	1
16493	4	0	0	1	2	7
16494	0	0	0	2	2	4
16495	0	3	0	0	0	3
16496	1	0	0	1	0	2

16497	0	4	0	0	0	4
16498	3	4	0	0	0	7
16499	1	0	2	0	1	4
16500	1	0	0	2	0	3
16501	1	0	2	0	2	5
16502	0	0	0	2	0	2
16503	0	0	0	2	2	4
16504	0	0	0	1	1	2
16505	0	0	0	2	0	2
16506	0	0	0	1	0	1
16507	2	1	0	0	0	3
16508	0	3	0	0	0	3
16509	0	0	0	1	0	1
16510	0	0	1	0	0	1
16511	3	2	0	0	0	5
16512	0	0	0	2	0	2
16513	0	0	2	0	0	2
16514	1	4	0	0	0	5
16515	0	2	0	0	0	2
16516	0	0	0	1	2	3
16517	0	4	0	0	0	4
16518	0	0	1	0	2	3
16519	0	0	0	2	1	3
16520	0	2	0	0	0	2
16521	2	0	0	1	0	3
16522	0	1	0	0	0	1
16523	0	3	0	0	0	3
16524	0	0	0	2	2	4
16525	0	4	0	0	0	4
16526	0	4	0	0	0	4
16527	1	0	0	2	0	3
16528	0	2	0	0	0	2
16529	0	3	0	0	0	3
16530	1	0	0	1	2	4
16531	0	0	0	2	0	2
16532	0	0	2	0	0	2
16533	0	0	1	0	0	1
16534	2	0	0	2	1	5
16535	0	2	0	0	0	2
16536	0	2	0	0	0	2
16537	0	0	0	2	0	2
16538	3	0	1	0	0	4
16539	0	0	2	0	0	2
16540	0	3	0	0	0	3
16541	0	0	2	0	0	2
16542	2	0	2	0	0	4
16543	1	3	0	0	0	4

16544	1	0	2	0	0	3
16545	0	0	1	0	0	1
16546	2	2	0	0	0	4
16547	0	0	0	2	2	4
16548	0	0	0	2	0	2
16549	0	0	0	2	0	2
16550	0	0	0	2	1	3
16551	0	0	1	0	1	2
16552	0	3	0	0	2	5
16553	1	0	4	0	0	5
16554	1	0	1	0	0	2
16555	0	3	0	0	1	4
16556	0	0	3	0	0	3
16557	0	0	4	0	0	4
16558	1	0	2	0	1	4
16559	0	0	0	2	0	2
16560	0	0	1	0	2	3
16561	0	0	0	2	1	3
16562	0	0	0	2	0	2
16563	0	2	0	0	0	2
16564	1	0	1	0	0	2
16565	0	0	0	1	0	1
16566	0	0	1	0	0	1
16567	0	0	1	0	0	1
16568	0	0	0	1	0	1
16569	0	0	2	0	0	2
16570	0	0	0	2	0	2
16571	0	3	0	0	2	5
16572	0	2	0	0	1	3
16573	0	4	0	0	0	4
16574	0	3	0	0	0	3
16575	4	0	2	0	0	6
16576	0	0	2	0	0	2
16577	0	1	0	0	0	1
16578	0	0	0	1	0	1
16579	1	1	0	0	2	4
16580	0	1	0	0	0	1
16581	0	0	0	2	0	2
16582	0	0	2	0	0	2
16583	0	0	0	1	0	1
16584	0	0	1	0	0	1
16585	2	0	1	0	0	3
16586	0	2	0	0	2	4
16587	1	0	1	0	2	4
16588	0	3	0	0	2	5
16589	4	0	2	0	0	6
16590	0	0	0	1	0	1

16591	0	0	2	0	0	2
16592	0	0	2	0	0	2
16593	0	0	0	2	0	2
16594	0	0	2	0	0	2
16595	0	0	0	2	0	2
16596	1	0	2	0	0	3
16597	0	0	0	2	0	2
16598	0	0	1	0	0	1
16599	0	0	3	0	0	3
16600	0	1	0	0	1	2
16601	2	0	0	2	0	4
16602	2	0	0	2	0	4
16603	0	3	0	0	0	3
16604	0	0	2	0	0	2
16605	0	0	1	0	0	1
16606	1	0	0	1	2	4
16607	0	0	2	0	0	2
16608	1	0	2	0	0	3
16609	0	0	2	0	0	2
16610	1	0	2	0	0	3
16611	0	0	0	1	0	1
16612	1	0	2	0	0	3
16613	2	0	2	0	0	4
16614	3	4	0	0	0	7
16615	0	0	0	1	0	1
16616	0	2	0	0	0	2
16617	0	0	1	0	0	1
16618	0	0	1	0	0	1
16619	2	0	0	1	0	3
16620	1	2	0	0	0	3
16621	0	0	1	0	0	1
16622	0	0	0	2	0	2
16623	0	0	4	0	1	5
16624	0	0	2	0	1	3
16625	0	0	0	1	0	1
16626	0	4	0	0	0	4
16627	1	0	2	0	0	3
16628	0	1	0	0	0	1
16629	2	4	0	0	0	6
16630	1	0	1	0	2	4
16631	2	0	0	2	1	5
16632	0	0	2	0	0	2
16633	1	2	0	0	2	5
16634	0	0	0	2	0	2
16635	0	0	0	2	0	2
16636	0	0	1	0	0	1
16637	0	0	2	0	0	2

16638	0	0	0	2	0	2
16639	0	0	1	0	1	2
16640	1	0	0	2	0	3
16641	0	0	0	1	0	1
16642	1	0	0	1	0	2
16643	0	1	0	0	0	1
16644	0	1	0	0	0	1
16645	0	0	0	1	0	1
16646	1	0	0	2	0	3
16647	0	0	0	1	0	1
16648	0	0	2	0	0	2
16649	1	0	0	2	1	4
16650	0	1	0	0	0	1
16651	0	0	1	0	0	1
16652	2	0	0	2	0	4
16653	0	4	0	0	2	6
16654	1	0	0	2	0	3
16655	0	0	1	0	0	1
16656	0	0	0	2	0	2
16657	1	1	0	0	0	2
16658	0	0	2	0	0	2
16659	0	0	2	0	0	2
16660	0	0	1	0	0	1
16661	0	0	2	0	0	2
16662	0	3	0	0	0	3
16663	0	3	0	0	0	3
16664	1	0	0	2	0	3
16665	0	0	2	0	2	4
16666	0	0	0	2	0	2
16667	0	2	0	0	0	2
16668	0	0	1	0	0	1
16669	0	2	0	0	0	2
16670	0	4	0	0	0	4
16671	1	4	0	0	1	6
16672	0	0	0	2	0	2
16673	0	0	0	2	0	2
16674	1	4	0	0	0	5
16675	0	3	0	0	1	4
16676	0	0	0	2	0	2
16677	0	0	1	0	0	1
16678	1	0	0	1	0	2
16679	0	4	0	0	0	4
16680	0	0	0	2	0	2
16681	0	0	0	2	1	3
16682	0	0	0	2	0	2
16683	0	0	2	0	0	2
16684	0	4	0	0	2	6

16685	0	0	2	0	0	2
16686	0	1	0	0	0	1
16687	0	0	0	2	0	2
16688	0	0	2	0	0	2
16689	0	1	0	0	0	1
16690	1	0	0	2	0	3
16691	0	1	0	0	1	2
16692	0	1	0	0	0	1
16693	0	0	2	0	0	2
16694	0	3	0	0	0	3
16695	0	4	0	0	1	5
16696	0	0	2	0	0	2
16697	1	1	0	0	0	2
16698	0	0	0	2	0	2
16699	0	0	0	2	0	2
16700	3	0	0	1	0	4
16701	2	0	1	0	2	5
16702	1	3	0	0	0	4
16703	3	2	0	0	0	5
16704	0	0	1	0	0	1
16705	0	4	0	0	0	4
16706	0	3	0	0	0	3
16707	0	0	0	1	1	2
16708	2	0	2	0	0	4
16709	0	0	0	2	0	2
16710	0	3	0	0	0	3
16711	0	2	0	0	0	2
16712	0	4	0	0	0	4
16713	0	4	0	0	0	4
16714	0	0	2	0	1	3
16715	3	2	0	0	0	5
16716	1	4	0	0	0	5
16717	0	0	1	0	1	2
16718	0	0	0	2	0	2
16719	0	0	0	2	0	2
16720	0	0	1	0	0	1
16721	0	1	0	0	0	1
16722	0	3	0	0	0	3
16723	0	4	0	0	0	4
16724	1	1	0	0	0	2
16725	0	0	3	0	0	3
16726	0	1	0	0	0	1
16727	0	2	0	0	0	2
16728	0	3	0	0	1	4
16729	0	0	1	0	1	2
16730	0	0	0	2	0	2
16731	2	0	2	0	0	4

16732	0	0	2	0	1	3
16733	0	0	2	0	0	2
16734	1	3	0	0	0	4
16735	0	0	2	0	0	2
16736	0	0	0	2	2	4
16737	0	0	2	0	0	2
16738	0	4	0	0	0	4
16739	0	0	0	2	0	2
16740	1	0	0	2	0	3
16741	0	2	0	0	0	2
16742	0	0	0	2	0	2
16743	0	1	0	0	0	1
16744	1	0	1	0	0	2
16745	0	0	0	2	0	2
16746	0	4	0	0	0	4
16747	1	0	0	2	1	4
16748	0	0	2	0	2	4
16749	0	3	0	0	0	3
16750	0	4	0	0	0	4
16751	2	3	0	0	0	5
16752	0	0	2	0	0	2
16753	0	0	0	2	0	2
16754	1	0	2	0	0	3
16755	0	1	0	0	0	1
16756	0	0	0	2	0	2
16757	0	0	0	2	0	2
16758	0	0	0	1	1	2
16759	0	0	2	0	0	2
16760	0	0	1	0	0	1
16761	0	0	1	0	0	1
16762	0	0	2	0	0	2
16763	0	2	0	0	0	2
16764	0	0	1	0	0	1
16765	0	2	0	0	0	2
16766	0	2	0	0	0	2
16767	0	0	1	0	0	1
16768	0	2	0	0	1	3
16769	0	0	0	1	0	1
16770	1	0	1	0	1	3
16771	1	0	2	0	0	3
16772	0	0	0	2	0	2
16773	0	1	0	0	0	1
16774	0	0	2	0	0	2
16775	0	0	0	1	0	1
16776	0	4	0	0	0	4
16777	0	1	0	0	2	3
16778	0	0	0	2	0	2

16779	1	0	0	2	1	4
16780	0	0	0	1	0	1
16781	1	1	0	0	0	2
16782	1	0	1	0	0	2
16783	0	0	0	1	2	3
16784	0	0	0	2	0	2
16785	0	1	0	0	0	1
16786	0	4	0	0	0	4
16787	0	0	0	2	0	2
16788	1	0	2	0	0	3
16789	1	2	0	0	0	3
16790	0	4	0	0	0	4
16791	0	0	2	0	0	2
16792	0	1	0	0	0	1
16793	2	3	0	0	0	5
16794	0	0	0	1	0	1
16795	0	0	0	2	1	3
16796	0	2	0	0	2	4
16797	1	3	0	0	0	4
16798	0	0	1	0	2	3
16799	0	0	0	2	0	2
16800	0	0	0	2	1	3
16801	0	3	0	0	1	4
16802	0	0	0	1	0	1
16803	0	3	0	0	0	3
16804	2	0	0	1	0	3
16805	1	0	1	0	1	3
16806	0	3	0	0	0	3
16807	1	4	0	0	0	5
16808	1	0	0	2	0	3
16809	0	1	0	0	0	1
16810	1	2	0	0	0	3
16811	0	0	2	0	0	2
16812	0	0	2	0	2	4
16813	0	0	2	0	0	2
16814	0	2	0	0	0	2
16815	0	2	0	0	0	2
16816	0	4	0	0	0	4
16817	0	0	1	0	0	1
16818	2	0	0	1	0	3
16819	0	0	0	2	0	2
16820	0	1	0	0	0	1
16821	0	3	0	0	0	3
16822	0	0	2	0	0	2
16823	1	0	0	1	0	2
16824	0	4	0	0	0	4
16825	0	3	0	0	0	3

16826	0	1	0	0	0	1
16827	1	0	1	0	2	4
16828	0	0	2	0	0	2
16829	1	2	0	0	0	3
16830	0	0	2	0	0	2
16831	0	0	1	0	0	1
16832	0	0	0	2	0	2
16833	0	0	3	0	0	3
16834	1	1	0	0	2	4
16835	0	0	0	1	0	1
16836	2	4	0	0	1	7
16837	0	0	0	2	0	2
16838	3	0	0	2	1	6
16839	0	0	1	0	0	1
16840	0	0	1	0	0	1
16841	0	2	0	0	2	4
16842	0	0	0	1	0	1
16843	0	0	0	2	1	3
16844	1	4	0	0	0	5
16845	0	1	0	0	0	1
16846	4	0	1	0	0	5
16847	0	0	2	0	2	4
16848	0	1	0	0	0	1
16849	0	0	2	0	0	2
16850	0	4	0	0	0	4
16851	2	0	2	0	0	4
16852	4	4	0	0	0	8
16853	0	4	0	0	0	4
16854	0	0	0	2	0	2
16855	0	2	0	0	0	2
16856	1	0	0	2	0	3
16857	0	0	2	0	0	2
16858	0	0	0	1	0	1
16859	0	1	0	0	1	2
16860	0	0	0	2	0	2
16861	0	0	0	2	0	2
16862	1	0	0	2	0	3
16863	0	3	0	0	0	3
16864	0	0	0	1	0	1
16865	3	0	2	0	0	5
16866	0	0	0	1	0	1
16867	0	0	1	0	2	3
16868	4	0	0	2	0	6
16869	0	2	0	0	0	2
16870	1	0	0	2	1	4
16871	0	0	1	0	0	1
16872	0	0	0	1	0	1

16873	0	0	0	2	0	2
16874	1	0	2	0	0	3
16875	0	4	0	0	0	4
16876	0	3	0	0	0	3
16877	0	0	0	1	0	1
16878	1	2	0	0	0	3
16879	0	0	0	2	0	2
16880	0	0	1	0	0	1
16881	0	0	0	1	1	2
16882	0	4	0	0	0	4
16883	0	0	2	0	1	3
16884	0	0	0	1	0	1
16885	0	0	0	2	0	2
16886	0	0	0	2	0	2
16887	0	0	0	2	0	2
16888	0	0	0	1	0	1
16889	1	0	2	0	0	3
16890	0	0	1	0	2	3
16891	0	0	2	0	0	2
16892	0	3	0	0	1	4
16893	0	1	0	0	0	1
16894	0	0	0	2	0	2
16895	0	2	0	0	1	3
16896	0	2	0	0	2	4
16897	0	0	0	2	0	2
16898	0	0	0	1	0	1
16899	0	1	0	0	0	1
16900	0	4	0	0	0	4
16901	0	4	0	0	0	4
16902	0	0	0	2	0	2
16903	0	2	0	0	0	2
16904	0	2	0	0	0	2
16905	0	4	0	0	0	4
16906	0	0	2	0	0	2
16907	0	0	0	1	0	1
16908	0	3	0	0	0	3
16909	0	0	2	0	0	2
16910	2	0	0	2	0	4
16911	1	0	2	0	0	3
16912	1	0	0	1	0	2
16913	0	0	0	2	0	2
16914	2	0	0	2	0	4
16915	0	2	0	0	0	2
16916	0	2	0	0	0	2
16917	2	2	0	0	0	4
16918	1	4	0	0	0	5
16919	1	1	0	0	0	2

16920	0	1	0	0	0	1
16921	0	0	0	2	0	2
16922	0	1	0	0	1	2
16923	0	4	0	0	0	4
16924	0	0	2	0	0	2
16925	1	0	1	0	1	3
16926	2	3	0	0	0	5
16927	0	0	0	2	0	2
16928	0	1	0	0	0	1
16929	0	2	0	0	0	2
16930	0	0	1	0	2	3
16931	0	4	0	0	0	4
16932	0	1	0	0	0	1
16933	0	4	0	0	1	5
16934	1	4	0	0	0	5
16935	1	1	0	0	0	2
16936	0	0	2	0	0	2
16937	0	0	2	0	0	2
16938	0	0	0	2	0	2
16939	2	3	0	0	0	5
16940	2	2	0	0	0	4
16941	1	1	0	0	0	2
16942	0	0	0	2	0	2
16943	1	0	0	2	1	4
16944	0	0	4	0	0	4
16945	0	0	0	2	0	2
16946	2	3	0	0	0	5
16947	0	2	0	0	0	2
16948	1	0	2	0	0	3
16949	0	0	1	0	0	1
16950	0	0	0	1	2	3
16951	0	3	0	0	0	3
16952	0	0	0	2	0	2
16953	0	0	2	0	1	3
16954	4	0	0	2	1	7
16955	0	4	0	0	0	4
16956	4	4	0	0	0	8
16957	3	0	4	0	0	7
16958	0	0	0	2	0	2
16959	0	0	1	0	2	3
16960	1	0	1	0	0	2
16961	0	4	0	0	0	4
16962	0	3	0	0	2	5
16963	0	1	0	0	0	1
16964	1	3	0	0	1	5
16965	0	4	0	0	0	4
16966	0	2	0	0	0	2

16967	0	1	0	0	0	1
16968	0	0	2	0	0	2
16969	0	1	0	0	0	1
16970	0	0	2	0	0	2
16971	0	0	0	2	1	3
16972	3	0	1	0	2	6
16973	0	2	0	0	0	2
16974	0	3	0	0	2	5
16975	3	1	0	0	0	4
16976	0	4	0	0	0	4
16977	0	1	0	0	0	1
16978	0	0	0	1	0	1
16979	1	0	1	0	0	2
16980	0	0	1	0	0	1
16981	0	0	0	1	1	2
16982	0	0	2	0	0	2
16983	0	0	1	0	0	1
16984	0	1	0	0	0	1
16985	0	0	2	0	0	2
16986	0	0	0	1	0	1
16987	0	0	1	0	0	1
16988	0	1	0	0	1	2
16989	2	4	0	0	0	6
16990	0	2	0	0	0	2
16991	0	4	0	0	2	6
16992	0	0	2	0	0	2
16993	0	4	0	0	0	4
16994	0	0	2	0	0	2
16995	0	0	0	2	0	2
16996	0	4	0	0	0	4
16997	1	2	0	0	1	4
16998	2	2	0	0	0	4
16999	0	0	2	0	2	4
17000	0	0	0	1	0	1
17001	2	2	0	0	0	4
17002	0	0	0	2	0	2
17003	1	4	0	0	0	5
17004	2	0	2	0	0	4
17005	0	0	1	0	0	1
17006	0	0	1	0	1	2
17007	0	4	0	0	0	4
17008	0	0	0	2	2	4
17009	0	0	0	2	0	2
17010	0	3	0	0	1	4
17011	0	2	0	0	0	2
17012	0	0	0	2	0	2
17013	0	0	2	0	2	4

17014	1	0	0	2	1	4
17015	0	1	0	0	0	1
17016	0	0	1	0	2	3
17017	0	1	0	0	1	2
17018	0	0	0	1	0	1
17019	0	0	1	0	2	3
17020	0	0	2	0	0	2
17021	0	0	0	1	0	1
17022	0	0	0	2	2	4
17023	3	0	0	2	0	5
17024	2	3	0	0	0	5
17025	0	0	0	1	0	1
17026	0	2	0	0	0	2
17027	0	3	0	0	1	4
17028	0	4	0	0	0	4
17029	1	0	0	2	0	3
17030	0	0	1	0	0	1
17031	0	1	0	0	0	1
17032	0	0	0	2	0	2
17033	0	0	0	2	2	4
17034	0	2	0	0	0	2
17035	0	0	0	1	1	2
17036	1	0	1	0	0	2
17037	2	1	0	0	0	3
17038	0	0	0	0	1	1
17039	0	2	0	0	0	2
17040	0	0	0	2	0	2
17041	1	1	0	0	0	2
17042	0	2	0	0	2	4
17043	0	3	0	0	0	3
17044	0	4	0	0	0	4
17045	0	0	0	2	0	2
17046	0	0	2	0	0	2
17047	0	0	1	0	0	1
17048	0	4	0	0	0	4
17049	0	0	0	1	1	2
17050	1	1	0	0	0	2
17051	0	0	0	2	0	2
17052	0	4	0	0	0	4
17053	0	0	2	0	0	2
17054	0	3	0	0	0	3
17055	0	0	0	2	0	2
17056	2	0	2	0	1	5
17057	0	0	1	0	0	1
17058	0	0	1	0	0	1
17059	0	1	0	0	1	2
17060	0	4	0	0	0	4

17061	1	0	0	2	0	3
17062	0	1	0	0	0	1
17063	0	0	0	2	0	2
17064	1	0	0	2	0	3
17065	0	0	3	0	1	4
17066	0	2	0	0	0	2
17067	0	3	0	0	0	3
17068	0	2	0	0	0	2
17069	0	0	4	0	0	4
17070	0	3	0	0	0	3
17071	0	3	0	0	0	3
17072	0	2	0	0	0	2
17073	0	0	1	0	0	1
17074	0	0	0	2	0	2
17075	1	4	0	0	0	5
17076	0	0	0	2	0	2
17077	0	0	0	1	0	1
17078	1	0	4	0	0	5
17079	0	0	2	0	0	2
17080	0	0	0	2	0	2
17081	1	2	0	0	0	3
17082	1	0	0	1	1	3
17083	1	0	0	1	0	2
17084	0	0	0	1	1	2
17085	0	0	2	0	0	2
17086	0	0	0	1	0	1
17087	0	0	2	0	0	2
17088	0	2	0	0	2	4
17089	0	0	3	0	0	3
17090	0	0	1	0	0	1
17091	2	2	0	0	0	4
17092	0	2	0	0	0	2
17093	0	3	0	0	2	5
17094	0	1	0	0	0	1
17095	0	0	0	1	0	1
17096	0	3	0	0	0	3
17097	0	0	2	0	2	4
17098	1	2	0	0	0	3
17099	2	0	0	1	0	3
17100	0	0	0	2	0	2
17101	0	0	0	2	0	2
17102	0	1	0	0	0	1
17103	0	2	0	0	0	2
17104	0	1	0	0	0	1
17105	0	0	0	2	0	2
17106	0	0	3	0	0	3
17107	1	2	0	0	0	3

17108	0	4	0	0	1	5
17109	1	4	0	0	0	5
17110	0	3	0	0	0	3
17111	0	4	0	0	0	4
17112	0	4	0	0	1	5
17113	1	0	0	2	0	3
17114	0	0	1	0	0	1
17115	0	0	2	0	0	2
17116	0	4	0	0	0	4
17117	0	2	0	0	2	4
17118	1	0	2	0	0	3
17119	0	3	0	0	0	3
17120	0	0	0	1	2	3
17121	0	3	0	0	0	3
17122	0	0	0	2	0	2
17123	0	4	0	0	0	4
17124	0	3	0	0	0	3
17125	2	1	0	0	0	3
17126	1	0	2	0	0	3
17127	0	0	0	2	2	4
17128	0	0	0	1	1	2
17129	0	0	2	0	0	2
17130	1	0	0	2	1	4
17131	0	0	0	2	0	2
17132	1	0	2	0	0	3
17133	0	4	0	0	0	4
17134	0	3	0	0	1	4
17135	0	3	0	0	0	3
17136	1	0	0	2	0	3
17137	0	3	0	0	0	3
17138	0	0	0	1	0	1
17139	1	0	0	1	0	2
17140	0	0	2	0	2	4
17141	0	0	0	2	0	2
17142	0	0	0	1	0	1
17143	0	3	0	0	0	3
17144	0	0	2	0	0	2
17145	0	0	0	2	0	2
17146	1	3	0	0	0	4
17147	0	2	0	0	0	2
17148	2	2	0	0	0	4
17149	0	2	0	0	1	3
17150	3	0	1	0	0	4
17151	1	1	0	0	1	3
17152	0	3	0	0	0	3
17153	4	0	0	2	0	6
17154	1	0	0	1	0	2

17155	0	2	0	0	0	2
17156	0	3	0	0	0	3
17157	1	0	2	0	0	3
17158	0	2	0	0	0	2
17159	4	0	2	0	0	6
17160	0	0	0	2	1	3
17161	0	4	0	0	0	4
17162	0	0	0	2	0	2
17163	2	0	1	0	0	3
17164	0	2	0	0	1	3
17165	1	0	0	1	0	2
17166	0	2	0	0	0	2
17167	0	1	0	0	0	1
17168	2	0	0	2	0	4
17169	0	4	0	0	2	6
17170	2	0	0	2	0	4
17171	0	0	0	2	0	2
17172	0	0	0	2	1	3
17173	0	1	0	0	0	1
17174	0	0	2	0	2	4
17175	0	0	0	2	2	4
17176	0	3	0	0	0	3
17177	0	0	1	0	0	1
17178	0	0	2	0	1	3
17179	1	0	0	2	0	3
17180	1	0	2	0	0	3
17181	0	0	0	2	1	3
17182	0	2	0	0	0	2
17183	2	0	1	0	0	3
17184	0	2	0	0	0	2
17185	0	0	0	2	0	2
17186	0	0	2	0	2	4
17187	0	0	1	0	1	2
17188	0	0	1	0	0	1
17189	0	0	0	2	0	2
17190	0	0	0	1	2	3
17191	3	0	2	0	0	5
17192	3	0	0	1	1	5
17193	1	1	0	0	1	3
17194	0	4	0	0	0	4
17195	1	1	0	0	0	2
17196	0	0	0	1	0	1
17197	0	2	0	0	0	2
17198	1	0	2	0	0	3
17199	0	2	0	0	0	2
17200	0	0	0	2	0	2
17201	0	0	1	0	0	1

17202	0	0	0	2	0	2
17203	0	0	1	0	2	3
17204	0	0	1	0	0	1
17205	0	0	1	0	0	1
17206	0	3	0	0	0	3
17207	0	1	0	0	0	1
17208	0	0	0	1	0	1
17209	0	4	0	0	0	4
17210	0	0	0	2	0	2
17211	0	0	0	2	0	2
17212	0	1	0	0	0	1
17213	0	0	2	0	0	2
17214	0	3	0	0	0	3
17215	0	0	0	1	0	1
17216	0	4	0	0	0	4
17217	0	0	1	0	2	3
17218	2	3	0	0	0	5
17219	0	0	0	2	0	2
17220	0	0	0	1	1	2
17221	1	0	1	0	0	2
17222	0	0	0	1	0	1
17223	0	0	0	2	0	2
17224	0	4	0	0	0	4
17225	0	0	0	2	2	4
17226	0	0	0	2	0	2
17227	0	0	0	2	0	2
17228	3	0	0	2	0	5
17229	4	0	2	0	0	6
17230	0	4	0	0	0	4
17231	0	0	2	0	0	2
17232	0	0	2	0	0	2
17233	0	0	1	0	0	1
17234	0	2	0	0	1	3
17235	0	0	0	2	1	3
17236	0	4	0	0	0	4
17237	1	1	0	0	2	4
17238	0	0	0	1	0	1
17239	0	0	0	2	2	4
17240	0	0	2	0	0	2
17241	0	1	0	0	0	1
17242	0	0	2	0	0	2
17243	0	3	0	0	0	3
17244	1	0	1	0	0	2
17245	0	0	2	0	1	3
17246	0	0	2	0	0	2
17247	3	0	0	2	1	6
17248	0	0	2	0	0	2

17249	0	3	0	0	2	5
17250	0	4	0	0	0	4
17251	1	0	1	0	0	2
17252	2	0	3	0	0	5
17253	2	2	0	0	2	6
17254	0	0	1	0	0	1
17255	1	0	0	2	0	3
17256	0	0	2	0	1	3
17257	2	1	0	0	0	3
17258	2	2	0	0	1	5
17259	0	4	0	0	0	4
17260	0	0	2	0	1	3
17261	0	0	2	0	0	2
17262	0	0	2	0	0	2
17263	2	0	0	2	0	4
17264	1	1	0	0	0	2
17265	1	0	0	2	0	3
17266	0	4	0	0	1	5
17267	0	0	1	0	1	2
17268	0	4	0	0	0	4
17269	0	1	0	0	0	1
17270	0	0	1	0	0	1
17271	0	0	0	2	0	2
17272	1	2	0	0	0	3
17273	0	0	0	2	0	2
17274	0	3	0	0	0	3
17275	1	0	0	2	0	3
17276	1	0	0	2	0	3
17277	0	1	0	0	0	1
17278	1	0	1	0	0	2
17279	1	4	0	0	0	5
17280	1	0	1	0	0	2
17281	0	0	0	2	2	4
17282	0	2	0	0	0	2
17283	0	3	0	0	0	3
17284	1	0	0	2	2	5
17285	0	0	2	0	0	2
17286	0	3	0	0	0	3
17287	0	0	0	1	0	1
17288	1	0	2	0	0	3
17289	0	0	1	0	0	1
17290	2	0	0	2	0	4
17291	0	3	0	0	0	3
17292	0	0	0	1	0	1
17293	0	0	0	2	0	2
17294	0	0	1	0	0	1
17295	0	0	0	1	0	1

17296	0	3	0	0	0	3
17297	0	2	0	0	0	2
17298	0	2	0	0	0	2
17299	0	3	0	0	0	3
17300	0	3	0	0	0	3
17301	0	0	2	0	1	3
17302	0	1	0	0	0	1
17303	0	0	2	0	0	2
17304	1	2	0	0	0	3
17305	1	0	0	2	0	3
17306	3	4	0	0	0	7
17307	0	0	1	0	0	1
17308	0	3	0	0	2	5
17309	0	0	0	2	0	2
17310	0	0	2	0	0	2
17311	0	0	1	0	0	1
17312	0	0	2	0	0	2
17313	0	0	4	0	0	4
17314	0	0	0	1	0	1
17315	3	4	0	0	2	9
17316	0	0	1	0	2	3
17317	1	0	0	2	0	3
17318	0	1	0	0	0	1
17319	0	0	2	0	0	2
17320	1	1	0	0	0	2
17321	0	0	2	0	1	3
17322	0	0	0	1	0	1
17323	0	0	1	0	1	2
17324	0	0	0	1	2	3
17325	0	0	0	2	0	2
17326	0	0	0	1	0	1
17327	0	0	2	0	0	2
17328	1	3	0	0	0	4
17329	0	0	1	0	0	1
17330	0	3	0	0	0	3
17331	0	4	0	0	0	4
17332	0	0	0	2	0	2
17333	0	0	0	1	0	1
17334	1	0	0	2	1	4
17335	0	0	0	1	2	3
17336	0	0	0	1	0	1
17337	1	0	1	0	0	2
17338	0	0	0	1	0	1
17339	0	0	2	0	0	2
17340	1	0	0	2	0	3
17341	0	0	2	0	0	2
17342	0	0	3	0	0	3

17343	1	1	0	0	0	2
17344	0	0	0	2	2	4
17345	0	0	0	1	0	1
17346	0	0	1	0	0	1
17347	1	4	0	0	0	5
17348	0	0	0	2	0	2
17349	0	0	0	2	0	2
17350	0	0	0	2	0	2
17351	0	0	1	0	0	1
17352	0	0	0	2	1	3
17353	1	0	2	0	0	3
17354	0	0	2	0	0	2
17355	0	0	0	1	0	1
17356	0	4	0	0	0	4
17357	0	2	0	0	0	2
17358	0	0	0	1	0	1
17359	0	4	0	0	2	6
17360	0	0	0	1	0	1
17361	2	0	0	1	1	4
17362	3	0	1	0	1	5
17363	0	4	0	0	0	4
17364	0	3	0	0	0	3
17365	0	4	0	0	0	4
17366	0	0	0	2	0	2
17367	0	2	0	0	2	4
17368	1	2	0	0	0	3
17369	0	0	0	2	0	2
17370	0	1	0	0	0	1
17371	1	4	0	0	0	5
17372	0	0	0	2	2	4
17373	0	0	1	0	0	1
17374	0	0	0	1	2	3
17375	0	0	0	1	0	1
17376	2	4	0	0	0	6
17377	1	0	2	0	0	3
17378	2	0	2	0	0	4
17379	0	0	4	0	0	4
17380	0	1	0	0	0	1
17381	0	0	1	0	0	1
17382	0	3	0	0	0	3
17383	0	0	2	0	0	2
17384	1	0	0	1	0	2
17385	2	2	0	0	0	4
17386	0	1	0	0	0	1
17387	0	1	0	0	0	1
17388	2	3	0	0	0	5
17389	0	3	0	0	0	3

17390	1	0	2	0	0	3
17391	1	0	1	0	0	2
17392	2	3	0	0	0	5
17393	0	0	1	0	0	1
17394	0	0	0	1	0	1
17395	0	2	0	0	0	2
17396	0	0	0	2	0	2
17397	0	4	0	0	0	4
17398	0	0	2	0	0	2
17399	0	0	0	2	0	2
17400	0	0	1	0	0	1
17401	0	0	0	2	0	2
17402	0	0	0	2	0	2
17403	0	1	0	0	0	1
17404	0	4	0	0	0	4
17405	0	0	0	1	0	1
17406	1	3	0	0	0	4
17407	0	4	0	0	0	4
17408	0	0	0	2	0	2
17409	1	0	0	1	0	2
17410	3	0	1	0	0	4
17411	0	4	0	0	0	4
17412	0	0	0	1	0	1
17413	0	0	0	2	0	2
17414	0	1	0	0	0	1
17415	0	1	0	0	0	1
17416	0	0	0	2	2	4
17417	1	0	0	2	2	5
17418	0	2	0	0	0	2
17419	0	3	0	0	2	5
17420	2	0	0	2	0	4
17421	0	0	0	2	2	4
17422	0	4	0	0	2	6
17423	0	3	0	0	0	3
17424	1	0	2	0	2	5
17425	2	4	0	0	0	6
17426	0	0	0	1	0	1
17427	0	0	0	2	0	2
17428	0	0	1	0	0	1
17429	0	0	1	0	0	1
17430	0	0	1	0	0	1
17431	0	0	2	0	0	2
17432	0	1	0	0	0	1
17433	0	0	0	2	0	2
17434	0	0	3	0	1	4
17435	2	4	0	0	0	6
17436	0	3	0	0	0	3

17437	0	0	0	2	0	2
17438	1	1	0	0	0	2
17439	0	0	1	0	0	1
17440	1	0	2	0	2	5
17441	0	2	0	0	0	2
17442	0	2	0	0	0	2
17443	0	2	0	0	0	2
17444	1	0	0	2	0	3
17445	0	0	0	1	0	1
17446	1	0	0	2	0	3
17447	0	0	0	1	0	1
17448	0	0	1	0	2	3
17449	0	0	1	0	0	1
17450	0	0	2	0	0	2
17451	0	4	0	0	2	6
17452	0	0	0	2	0	2
17453	0	0	2	0	0	2
17454	0	0	0	1	0	1
17455	0	4	0	0	0	4
17456	0	0	0	1	0	1
17457	0	0	2	0	0	2
17458	2	0	0	2	2	6
17459	0	0	0	2	0	2
17460	0	0	0	2	0	2
17461	0	0	1	0	0	1
17462	0	1	0	0	0	1
17463	0	0	1	0	0	1
17464	0	0	1	0	0	1
17465	0	0	0	2	2	4
17466	0	3	0	0	1	4
17467	0	0	0	1	0	1
17468	1	0	1	0	0	2
17469	0	1	0	0	0	1
17470	0	0	0	2	2	4
17471	0	0	0	2	1	3
17472	0	0	2	0	0	2
17473	0	4	0	0	0	4
17474	0	1	0	0	0	1
17475	0	0	0	2	0	2
17476	2	0	2	0	1	5
17477	1	0	2	0	0	3
17478	0	0	0	1	0	1
17479	0	4	0	0	0	4
17480	1	0	3	0	0	4
17481	1	3	0	0	0	4
17482	0	0	0	1	0	1
17483	0	0	1	0	0	1

17484	0	0	2	0	1	3
17485	0	1	0	0	0	1
17486	0	0	1	0	0	1
17487	0	0	0	2	0	2
17488	1	0	3	0	2	6
17489	0	0	0	2	2	4
17490	0	0	0	1	0	1
17491	0	4	0	0	0	4
17492	0	3	0	0	0	3
17493	0	3	0	0	0	3
17494	0	0	1	0	0	1
17495	0	3	0	0	0	3
17496	0	0	0	2	0	2
17497	0	1	0	0	0	1
17498	0	2	0	0	0	2
17499	1	2	0	0	0	3
17500	0	0	0	1	0	1
17501	1	3	0	0	2	6
17502	0	0	0	2	0	2
17503	0	4	0	0	2	6
17504	1	2	0	0	1	4
17505	1	4	0	0	0	5
17506	1	3	0	0	0	4
17507	0	4	0	0	0	4
17508	0	4	0	0	0	4
17509	0	0	0	2	0	2
17510	0	0	0	2	0	2
17511	0	4	0	0	0	4
17512	0	0	2	0	0	2
17513	2	0	2	0	2	6
17514	0	0	0	2	0	2
17515	0	1	0	0	0	1
17516	1	0	0	2	2	5
17517	0	4	0	0	0	4
17518	1	0	1	0	0	2
17519	0	0	0	2	0	2
17520	2	2	0	0	0	4
17521	0	4	0	0	1	5
17522	0	2	0	0	0	2
17523	0	0	0	2	1	3
17524	0	1	0	0	0	1
17525	0	0	0	2	0	2
17526	1	0	2	0	0	3
17527	0	0	0	1	2	3
17528	0	3	0	0	0	3
17529	0	1	0	0	0	1
17530	0	0	2	0	0	2

17531	0	3	0	0	0	3
17532	0	1	0	0	0	1
17533	0	0	1	0	0	1
17534	0	0	1	0	0	1
17535	2	0	0	2	0	4
17536	0	0	2	0	0	2
17537	0	0	1	0	0	1
17538	0	0	0	2	0	2
17539	0	0	2	0	0	2
17540	0	0	2	0	2	4
17541	0	2	0	0	0	2
17542	0	1	0	0	0	1
17543	1	0	2	0	0	3
17544	0	1	0	0	0	1
17545	0	1	0	0	0	1
17546	0	0	0	1	0	1
17547	1	1	0	0	0	2
17548	1	0	0	1	0	2
17549	0	0	1	0	0	1
17550	0	0	0	2	0	2
17551	2	0	0	2	0	4
17552	0	0	0	2	0	2
17553	0	4	0	0	2	6
17554	0	0	0	1	0	1
17555	0	2	0	0	0	2
17556	0	0	0	2	0	2
17557	0	0	1	0	0	1
17558	0	0	0	2	0	2
17559	1	0	3	0	0	4
17560	0	0	2	0	0	2
17561	0	3	0	0	0	3
17562	0	0	0	1	0	1
17563	0	0	0	1	0	1
17564	0	3	0	0	0	3
17565	1	4	0	0	0	5
17566	0	0	2	0	0	2
17567	1	3	0	0	0	4
17568	1	0	0	1	0	2
17569	0	0	2	0	0	2
17570	0	0	2	0	0	2
17571	0	0	2	0	2	4
17572	0	1	0	0	0	1
17573	0	0	3	0	0	3
17574	2	3	0	0	0	5
17575	0	0	2	0	0	2
17576	1	0	1	0	0	2
17577	0	0	2	0	0	2

17578	0	0	0	1	0	1
17579	0	4	0	0	0	4
17580	0	2	0	0	0	2
17581	3	1	0	0	1	5
17582	3	2	0	0	0	5
17583	2	0	0	1	0	3
17584	1	0	1	0	1	3
17585	0	0	0	2	0	2
17586	0	0	3	0	2	5
17587	1	4	0	0	0	5
17588	0	0	1	0	0	1
17589	0	0	0	1	0	1
17590	0	4	0	0	0	4
17591	0	0	0	1	0	1
17592	0	3	0	0	0	3
17593	0	0	0	2	0	2
17594	0	0	0	1	0	1
17595	0	0	0	2	0	2
17596	0	0	0	2	2	4
17597	0	2	0	0	0	2
17598	2	3	0	0	2	7
17599	0	2	0	0	0	2
17600	0	4	0	0	0	4
17601	1	2	0	0	2	5
17602	0	0	2	0	0	2
17603	0	0	2	0	0	2
17604	0	4	0	0	0	4
17605	0	0	0	1	0	1
17606	0	4	0	0	0	4
17607	0	4	0	0	0	4
17608	0	0	0	1	0	1
17609	4	0	0	2	2	8
17610	4	0	2	0	0	6
17611	1	3	0	0	0	4
17612	2	1	0	0	0	3
17613	2	4	0	0	1	7
17614	0	3	0	0	0	3
17615	1	0	0	2	2	5
17616	1	0	0	1	2	4
17617	0	1	0	0	0	1
17618	1	4	0	0	0	5
17619	1	4	0	0	0	5
17620	0	3	0	0	0	3
17621	0	0	0	2	1	3
17622	0	0	1	0	0	1
17623	0	2	0	0	0	2
17624	1	0	1	0	0	2

17625	1	0	1	0	0	2
17626	0	4	0	0	0	4
17627	1	0	0	2	0	3
17628	0	3	0	0	0	3
17629	0	0	2	0	0	2
17630	0	0	1	0	2	3
17631	0	1	0	0	0	1
17632	0	0	1	0	0	1
17633	1	2	0	0	1	4
17634	0	1	0	0	0	1
17635	0	1	0	0	1	2
17636	0	0	0	2	0	2
17637	0	2	0	0	1	3
17638	0	0	0	2	0	2
17639	0	0	0	2	0	2
17640	0	0	1	0	2	3
17641	1	0	2	0	0	3
17642	0	2	0	0	0	2
17643	0	0	1	0	0	1
17644	2	0	0	2	2	6
17645	1	4	0	0	0	5
17646	0	2	0	0	2	4
17647	0	0	1	0	2	3
17648	0	3	0	0	1	4
17649	1	2	0	0	0	3
17650	1	0	2	0	0	3
17651	0	0	2	0	2	4
17652	0	0	2	0	0	2
17653	4	4	0	0	0	8
17654	0	1	0	0	2	3
17655	0	1	0	0	1	2
17656	0	0	0	2	0	2
17657	0	0	0	1	2	3
17658	0	0	1	0	0	1
17659	0	2	0	0	0	2
17660	0	0	3	0	0	3
17661	0	1	0	0	0	1
17662	0	0	2	0	2	4
17663	0	0	2	0	0	2
17664	0	0	0	2	0	2
17665	0	0	0	1	0	1
17666	0	4	0	0	0	4
17667	1	0	2	0	0	3
17668	1	0	0	1	2	4
17669	0	0	0	2	0	2
17670	0	2	0	0	1	3
17671	0	0	2	0	0	2

17672	0	0	1	0	0	1
17673	0	0	1	0	1	2
17674	0	2	0	0	0	2
17675	0	4	0	0	0	4
17676	1	1	0	0	1	3
17677	0	1	0	0	0	1
17678	0	0	0	2	0	2
17679	3	2	0	0	1	6
17680	0	0	0	2	0	2
17681	0	2	0	0	1	3
17682	1	0	0	1	0	2
17683	2	1	0	0	0	3
17684	4	0	1	0	0	5
17685	2	0	1	0	0	3
17686	1	2	0	0	2	5
17687	0	0	1	0	0	1
17688	1	0	4	0	2	7
17689	0	0	0	2	0	2
17690	0	1	0	0	0	1
17691	0	0	0	2	0	2
17692	0	2	0	0	1	3
17693	0	0	3	0	1	4
17694	0	0	2	0	0	2
17695	0	4	0	0	0	4
17696	1	0	0	2	0	3
17697	0	0	2	0	0	2
17698	0	0	0	1	0	1
17699	0	2	0	0	0	2
17700	0	0	0	2	0	2
17701	0	0	4	0	0	4
17702	0	0	0	1	0	1
17703	0	0	0	2	0	2
17704	2	3	0	0	0	5
17705	0	0	0	2	0	2
17706	0	0	0	1	2	3
17707	0	0	2	0	0	2
17708	0	0	1	0	0	1
17709	0	2	0	0	1	3
17710	1	0	0	2	0	3
17711	3	0	0	2	0	5
17712	0	0	0	2	0	2
17713	1	0	2	0	0	3
17714	1	0	0	2	0	3
17715	0	0	0	2	0	2
17716	0	0	0	2	1	3
17717	0	0	4	0	0	4
17718	0	0	0	2	0	2

17719	0	2	0	0	0	2
17720	2	1	0	0	0	3
17721	0	0	0	2	0	2
17722	1	0	3	0	0	4
17723	0	0	0	2	0	2
17724	0	2	0	0	0	2
17725	1	1	0	0	0	2
17726	1	1	0	0	0	2
17727	0	3	0	0	1	4
17728	2	0	0	1	0	3
17729	2	0	0	2	0	4
17730	0	0	0	2	1	3
17731	0	1	0	0	2	3
17732	0	0	2	0	0	2
17733	0	0	0	2	0	2
17734	0	0	2	0	0	2
17735	0	3	0	0	0	3
17736	0	4	0	0	0	4
17737	2	0	2	0	0	4
17738	0	0	3	0	0	3
17739	0	0	1	0	0	1
17740	0	0	0	2	0	2
17741	0	2	0	0	1	3
17742	0	1	0	0	0	1
17743	0	0	2	0	0	2
17744	0	0	2	0	0	2
17745	0	0	0	1	0	1
17746	2	4	0	0	2	8
17747	0	0	0	2	0	2
17748	2	0	2	0	0	4
17749	0	0	0	2	0	2
17750	1	1	0	0	0	2
17751	0	0	0	2	0	2
17752	0	0	2	0	0	2
17753	0	0	2	0	1	3
17754	0	1	0	0	2	3
17755	3	0	0	1	1	5
17756	0	0	1	0	0	1
17757	0	0	1	0	0	1
17758	2	0	4	0	0	6
17759	1	3	0	0	0	4
17760	3	0	0	2	0	5
17761	2	3	0	0	0	5
17762	0	3	0	0	2	5
17763	0	0	3	0	0	3
17764	0	0	0	2	0	2
17765	0	0	0	1	0	1

17766	0	4	0	0	0	4
17767	2	0	1	0	1	4
17768	0	3	0	0	0	3
17769	0	3	0	0	0	3
17770	0	2	0	0	0	2
17771	0	0	0	1	0	1
17772	0	0	1	0	2	3
17773	3	0	0	2	0	5
17774	0	0	0	2	1	3
17775	2	1	0	0	0	3
17776	0	3	0	0	0	3
17777	0	0	2	0	0	2
17778	0	0	0	2	1	3
17779	0	1	0	0	0	1
17780	0	0	0	1	0	1
17781	0	2	0	0	0	2
17782	0	2	0	0	2	4
17783	0	0	0	1	0	1
17784	0	0	0	1	1	2
17785	0	0	1	0	0	1
17786	0	0	2	0	0	2
17787	0	0	0	2	0	2
17788	0	0	2	0	0	2
17789	2	0	1	0	0	3
17790	1	3	0	0	0	4
17791	0	0	2	0	0	2
17792	0	0	0	2	1	3
17793	0	0	0	2	0	2
17794	0	0	0	2	0	2
17795	0	3	0	0	0	3
17796	0	4	0	0	0	4
17797	0	0	0	2	0	2
17798	0	0	2	0	1	3
17799	0	2	0	0	0	2
17800	0	0	0	2	0	2
17801	3	3	0	0	1	7
17802	0	0	2	0	2	4
17803	2	0	2	0	0	4
17804	0	3	0	0	0	3
17805	0	2	0	0	0	2
17806	0	0	0	1	0	1
17807	0	0	1	0	2	3
17808	1	2	0	0	0	3
17809	0	0	0	2	1	3
17810	0	0	2	0	0	2
17811	0	0	0	2	0	2
17812	0	3	0	0	0	3

17813	4	0	4	0	0	8
17814	0	1	0	0	0	1
17815	0	1	0	0	0	1
17816	0	0	0	1	2	3
17817	1	1	0	0	0	2
17818	0	0	0	1	1	2
17819	1	4	0	0	0	5
17820	2	0	1	0	0	3
17821	0	0	0	2	0	2
17822	0	0	1	0	0	1
17823	1	2	0	0	1	4
17824	3	0	0	2	0	5
17825	0	2	0	0	1	3
17826	0	3	0	0	0	3
17827	0	4	0	0	1	5
17828	0	1	0	0	0	1
17829	0	4	0	0	0	4
17830	0	0	0	2	0	2
17831	0	4	0	0	0	4
17832	0	0	2	0	2	4
17833	0	0	2	0	1	3
17834	0	0	2	0	0	2
17835	0	4	0	0	0	4
17836	0	2	0	0	0	2
17837	0	2	0	0	0	2
17838	0	0	0	1	2	3
17839	1	0	1	0	0	2
17840	0	4	0	0	0	4
17841	1	0	3	0	0	4
17842	0	2	0	0	0	2
17843	0	0	2	0	0	2
17844	0	0	1	0	0	1
17845	0	0	0	2	0	2
17846	0	2	0	0	1	3
17847	0	0	2	0	0	2
17848	0	1	0	0	0	1
17849	0	4	0	0	1	5
17850	0	3	0	0	0	3
17851	0	0	0	1	0	1
17852	0	0	0	1	0	1
17853	0	0	2	0	0	2
17854	0	1	0	0	0	1
17855	0	1	0	0	0	1
17856	1	0	0	1	2	4
17857	0	0	0	1	0	1
17858	0	0	1	0	0	1
17859	0	0	0	2	0	2

17860	2	4	0	0	0	6
17861	0	0	2	0	2	4
17862	0	0	0	2	0	2
17863	0	2	0	0	2	4
17864	3	4	0	0	0	7
17865	0	0	0	1	0	1
17866	0	0	2	0	0	2
17867	0	0	1	0	0	1
17868	0	4	0	0	0	4
17869	0	0	0	2	0	2
17870	0	3	0	0	0	3
17871	0	0	2	0	2	4
17872	0	0	0	1	2	3
17873	1	0	0	1	0	2
17874	0	0	0	2	0	2
17875	0	3	0	0	0	3
17876	0	0	0	2	0	2
17877	1	0	0	2	0	3
17878	0	0	0	2	0	2
17879	1	0	0	2	0	3
17880	0	0	0	1	0	1
17881	0	2	0	0	0	2
17882	1	0	1	0	0	2
17883	0	1	0	0	0	1
17884	4	0	0	2	2	8
17885	0	2	0	0	0	2
17886	4	0	0	2	0	6
17887	0	3	0	0	0	3
17888	1	0	0	2	0	3
17889	0	3	0	0	0	3
17890	1	0	1	0	0	2
17891	0	0	0	1	0	1
17892	2	0	1	0	0	3
17893	1	0	0	2	1	4
17894	1	0	1	0	0	2
17895	0	0	0	2	0	2
17896	0	0	1	0	0	1
17897	0	4	0	0	0	4
17898	0	3	0	0	0	3
17899	1	3	0	0	0	4
17900	0	0	0	2	0	2
17901	2	0	2	0	0	4
17902	1	4	0	0	0	5
17903	2	0	0	2	0	4
17904	0	3	0	0	0	3
17905	0	0	2	0	0	2
17906	0	0	0	2	0	2

17907	1	0	0	2	1	4
17908	0	2	0	0	0	2
17909	0	0	2	0	0	2
17910	0	2	0	0	0	2
17911	0	0	0	1	0	1
17912	0	0	2	0	0	2
17913	0	0	0	2	1	3
17914	0	0	1	0	0	1
17915	0	2	0	0	0	2
17916	0	4	0	0	0	4
17917	2	0	0	1	2	5
17918	0	1	0	0	0	1
17919	0	0	0	2	0	2
17920	0	0	1	0	0	1
17921	3	0	2	0	0	5
17922	2	2	0	0	1	5
17923	0	0	2	0	0	2
17924	0	0	0	1	0	1
17925	0	0	0	2	0	2
17926	0	2	0	0	0	2
17927	4	1	0	0	0	5
17928	0	0	1	0	1	2
17929	0	4	0	0	0	4
17930	0	1	0	0	1	2
17931	0	4	0	0	0	4
17932	0	1	0	0	1	2
17933	0	0	0	2	2	4
17934	0	3	0	0	0	3
17935	0	4	0	0	1	5
17936	0	0	0	2	0	2
17937	0	1	0	0	0	1
17938	0	2	0	0	2	4
17939	1	4	0	0	2	7
17940	0	0	0	1	0	1
17941	0	0	1	0	0	1
17942	0	0	0	1	1	2
17943	0	0	4	0	0	4
17944	0	2	0	0	0	2
17945	1	0	1	0	1	3
17946	0	4	0	0	0	4
17947	0	0	0	1	0	1
17948	0	0	2	0	0	2
17949	0	0	2	0	1	3
17950	0	0	2	0	0	2
17951	0	0	0	2	2	4
17952	0	3	0	0	0	3
17953	0	1	0	0	1	2

17954	1	0	1	0	0	2
17955	1	0	1	0	0	2
17956	2	0	1	0	0	3
17957	0	3	0	0	0	3
17958	0	2	0	0	0	2
17959	0	0	0	1	0	1
17960	0	2	0	0	1	3
17961	0	2	0	0	0	2
17962	1	3	0	0	0	4
17963	0	1	0	0	0	1
17964	0	0	0	1	0	1
17965	0	0	3	0	0	3
17966	1	0	2	0	0	3
17967	0	4	0	0	0	4
17968	3	0	0	1	0	4
17969	2	0	0	1	0	3
17970	0	0	0	2	0	2
17971	1	0	0	1	1	3
17972	0	3	0	0	0	3
17973	1	0	0	2	0	3
17974	0	0	4	0	0	4
17975	0	0	2	0	0	2
17976	0	2	0	0	0	2
17977	0	3	0	0	0	3
17978	0	3	0	0	0	3
17979	0	4	0	0	1	5
17980	0	0	1	0	0	1
17981	0	4	0	0	0	4
17982	0	0	1	0	0	1
17983	1	0	2	0	0	3
17984	3	1	0	0	0	4
17985	0	0	1	0	0	1
17986	0	0	0	2	0	2
17987	0	2	0	0	0	2
17988	0	2	0	0	0	2
17989	0	0	0	1	0	1
17990	0	0	0	2	2	4
17991	0	0	0	2	2	4
17992	0	0	1	0	0	1
17993	0	0	1	0	0	1
17994	0	0	0	1	0	1
17995	0	0	1	0	0	1
17996	0	2	0	0	0	2
17997	1	1	0	0	0	2
17998	1	0	0	2	0	3
17999	0	3	0	0	0	3
18000	4	0	0	2	1	7

18001	0	0	4	0	0	4
18002	0	0	0	1	0	1
18003	0	1	0	0	0	1
18004	0	1	0	0	0	1
18005	0	1	0	0	0	1
18006	1	2	0	0	0	3
18007	0	0	1	0	0	1
18008	0	0	2	0	2	4
18009	0	0	0	2	0	2
18010	0	0	0	1	0	1
18011	0	0	1	0	1	2
18012	0	0	1	0	0	1
18013	1	0	0	2	0	3
18014	0	1	0	0	0	1
18015	2	0	0	2	0	4
18016	0	0	0	2	0	2
18017	0	0	0	2	0	2
18018	0	0	2	0	0	2
18019	1	0	1	0	0	2
18020	0	0	0	1	0	1
18021	0	0	2	0	0	2
18022	1	0	0	2	0	3
18023	0	0	0	1	1	2
18024	0	0	0	2	0	2
18025	0	3	0	0	1	4
18026	0	4	0	0	0	4
18027	0	2	0	0	0	2
18028	1	0	1	0	0	2
18029	0	0	1	0	2	3
18030	3	0	3	0	0	6
18031	0	1	0	0	2	3
18032	0	0	2	0	0	2
18033	0	3	0	0	0	3
18034	0	2	0	0	0	2
18035	1	2	0	0	0	3
18036	4	1	0	0	0	5
18037	1	0	4	0	0	5
18038	0	2	0	0	1	3
18039	0	0	1	0	2	3
18040	0	2	0	0	1	3
18041	0	0	0	2	0	2
18042	2	0	1	0	0	3
18043	0	4	0	0	0	4
18044	1	2	0	0	2	5
18045	0	4	0	0	0	4
18046	0	0	0	2	0	2
18047	0	3	0	0	0	3

18048	0	0	1	0	0	1
18049	0	0	0	1	0	1
18050	1	1	0	0	0	2
18051	0	0	0	2	0	2
18052	0	0	0	2	1	3
18053	0	0	2	0	0	2
18054	0	0	0	1	0	1
18055	0	0	0	2	0	2
18056	0	0	1	0	0	1
18057	0	3	0	0	1	4
18058	1	0	2	0	0	3
18059	1	4	0	0	0	5
18060	0	0	2	0	0	2
18061	0	3	0	0	0	3
18062	0	0	0	1	2	3
18063	1	0	2	0	0	3
18064	0	2	0	0	1	3
18065	0	0	1	0	1	2
18066	3	0	4	0	1	8
18067	0	0	0	2	2	4
18068	0	0	0	2	0	2
18069	0	0	0	2	1	3
18070	0	3	0	0	0	3
18071	0	1	0	0	0	1
18072	4	1	0	0	0	5
18073	0	0	2	0	0	2
18074	1	0	0	2	0	3
18075	3	2	0	0	1	6
18076	0	4	0	0	0	4
18077	0	3	0	0	0	3
18078	0	2	0	0	0	2
18079	1	0	0	1	0	2
18080	0	0	0	1	0	1
18081	4	0	1	0	0	5
18082	0	0	2	0	0	2
18083	0	0	1	0	0	1
18084	0	0	0	2	0	2
18085	0	0	3	0	2	5
18086	0	0	0	1	0	1
18087	0	2	0	0	0	2
18088	1	0	0	2	0	3
18089	0	0	0	2	0	2
18090	0	4	0	0	0	4
18091	0	1	0	0	1	2
18092	0	3	0	0	0	3
18093	1	0	0	2	2	5
18094	2	0	0	2	0	4

18095	0	0	2	0	0	2
18096	0	0	0	2	0	2
18097	1	0	0	2	0	3
18098	0	0	0	2	0	2
18099	1	0	4	0	2	7
18100	0	1	0	0	0	1
18101	0	0	0	2	0	2
18102	0	0	0	2	0	2
18103	2	0	0	1	0	3
18104	0	0	1	0	0	1
18105	0	0	1	0	0	1
18106	0	1	0	0	0	1
18107	0	1	0	0	0	1
18108	0	0	0	2	1	3
18109	1	0	2	0	0	3
18110	0	1	0	0	0	1
18111	0	0	2	0	0	2
18112	0	2	0	0	0	2
18113	0	4	0	0	0	4
18114	3	4	0	0	0	7
18115	0	0	1	0	0	1
18116	0	2	0	0	0	2
18117	0	3	0	0	0	3
18118	0	3	0	0	0	3
18119	1	0	2	0	0	3
18120	0	1	0	0	2	3
18121	0	0	0	2	0	2
18122	0	0	0	2	0	2
18123	0	4	0	0	0	4
18124	0	1	0	0	0	1
18125	0	0	0	2	0	2
18126	0	0	1	0	0	1
18127	2	0	1	0	0	3
18128	0	4	0	0	1	5
18129	0	3	0	0	1	4
18130	1	0	3	0	0	4
18131	0	2	0	0	1	3
18132	0	0	0	1	0	1
18133	0	0	2	0	0	2
18134	0	0	2	0	0	2
18135	0	0	2	0	0	2
18136	0	1	0	0	0	1
18137	0	3	0	0	0	3
18138	0	0	0	2	2	4
18139	1	0	1	0	0	2
18140	0	0	2	0	0	2
18141	0	4	0	0	0	4

18142	0	0	1	0	0	1
18143	0	1	0	0	2	3
18144	0	0	0	1	0	1
18145	0	0	2	0	0	2
18146	0	2	0	0	0	2
18147	1	0	2	0	0	3
18148	0	2	0	0	0	2
18149	0	4	0	0	0	4
18150	0	3	0	0	2	5
18151	0	0	0	2	0	2
18152	0	0	0	1	0	1
18153	0	0	1	0	1	2
18154	0	0	2	0	0	2
18155	0	0	2	0	0	2
18156	0	0	0	1	1	2
18157	0	4	0	0	0	4
18158	0	1	0	0	2	3
18159	0	3	0	0	0	3
18160	0	1	0	0	0	1
18161	2	1	0	0	0	3
18162	3	2	0	0	0	5
18163	1	3	0	0	2	6
18164	3	0	2	0	2	7
18165	0	4	0	0	0	4
18166	0	0	0	2	0	2
18167	0	0	2	0	1	3
18168	0	2	0	0	0	2
18169	3	0	2	0	0	5
18170	0	4	0	0	1	5
18171	0	4	0	0	0	4
18172	1	0	2	0	1	4
18173	3	0	0	2	0	5
18174	2	0	0	2	0	4
18175	0	0	0	2	1	3
18176	1	2	0	0	0	3
18177	1	0	0	2	0	3
18178	0	0	0	2	0	2
18179	1	0	1	0	0	2
18180	0	1	0	0	0	1
18181	0	4	0	0	0	4
18182	2	0	0	1	0	3
18183	1	0	1	0	0	2
18184	0	1	0	0	0	1
18185	0	4	0	0	0	4
18186	1	2	0	0	0	3
18187	0	0	2	0	0	2
18188	0	3	0	0	0	3

18189	1	3	0	0	0	4
18190	0	0	2	0	0	2
18191	0	1	0	0	0	1
18192	0	2	0	0	0	2
18193	0	0	2	0	0	2
18194	2	3	0	0	0	5
18195	0	0	0	2	0	2
18196	0	3	0	0	2	5
18197	0	1	0	0	2	3
18198	0	2	0	0	0	2
18199	0	0	0	2	0	2
18200	1	0	1	0	0	2
18201	0	4	0	0	2	6
18202	0	3	0	0	0	3
18203	2	0	1	0	1	4
18204	0	0	0	2	0	2
18205	0	2	0	0	0	2
18206	4	0	1	0	0	5
18207	0	4	0	0	0	4
18208	4	0	2	0	0	6
18209	0	0	0	2	0	2
18210	0	4	0	0	0	4
18211	0	0	0	1	2	3
18212	0	0	0	2	0	2
18213	0	0	2	0	0	2
18214	0	0	0	2	0	2
18215	0	0	2	0	0	2
18216	0	0	1	0	1	2
18217	0	0	0	1	0	1
18218	0	2	0	0	2	4
18219	0	0	0	1	0	1
18220	0	4	0	0	0	4
18221	0	0	2	0	1	3
18222	0	0	0	1	0	1
18223	4	0	1	0	0	5
18224	2	3	0	0	0	5
18225	0	4	0	0	0	4
18226	0	2	0	0	0	2
18227	0	0	1	0	0	1
18228	0	0	0	2	1	3
18229	2	2	0	0	0	4
18230	0	0	1	0	2	3
18231	0	0	0	2	2	4
18232	0	0	0	1	0	1
18233	0	0	0	2	2	4
18234	0	0	0	2	2	4
18235	0	2	0	0	0	2

18236	1	0	0	2	0	3
18237	0	0	2	0	0	2
18238	2	2	0	0	0	4
18239	1	0	3	0	0	4
18240	0	0	2	0	0	2
18241	0	0	0	2	0	2
18242	1	4	0	0	0	5
18243	0	3	0	0	0	3
18244	0	0	0	2	0	2
18245	0	0	0	2	0	2
18246	0	2	0	0	0	2
18247	0	0	0	2	0	2
18248	0	0	2	0	0	2
18249	0	2	0	0	0	2
18250	1	0	0	2	0	3
18251	0	3	0	0	0	3
18252	0	1	0	0	0	1
18253	0	0	2	0	0	2
18254	0	4	0	0	0	4
18255	0	0	0	2	0	2
18256	0	0	1	0	0	1
18257	0	0	1	0	0	1
18258	1	2	0	0	0	3
18259	0	4	0	0	0	4
18260	2	4	0	0	2	8
18261	0	3	0	0	0	3
18262	1	3	0	0	0	4
18263	0	2	0	0	1	3
18264	0	0	0	1	0	1
18265	0	1	0	0	0	1
18266	0	0	2	0	0	2
18267	1	0	0	2	0	3
18268	0	0	0	2	0	2
18269	1	0	1	0	0	2
18270	0	4	0	0	0	4
18271	0	0	0	1	0	1
18272	0	1	0	0	0	1
18273	0	4	0	0	1	5
18274	0	0	0	1	0	1
18275	0	0	0	2	0	2
18276	0	0	3	0	0	3
18277	0	0	0	2	2	4
18278	0	2	0	0	0	2
18279	0	0	2	0	2	4
18280	0	0	0	1	0	1
18281	0	3	0	0	0	3
18282	2	2	0	0	0	4

18283	1	1	0	0	0	2
18284	0	2	0	0	2	4
18285	1	0	0	2	2	5
18286	1	0	0	2	0	3
18287	1	0	0	2	0	3
18288	0	0	0	2	0	2
18289	0	0	0	2	2	4
18290	0	0	2	0	0	2
18291	0	0	0	2	0	2
18292	0	1	0	0	0	1
18293	0	0	2	0	0	2
18294	0	0	0	2	0	2
18295	0	0	2	0	2	4
18296	0	0	2	0	0	2
18297	0	4	0	0	2	6
18298	0	3	0	0	0	3
18299	0	0	4	0	0	4
18300	0	0	1	0	0	1
18301	1	0	4	0	2	7
18302	0	3	0	0	2	5
18303	0	0	1	0	0	1
18304	1	3	0	0	0	4
18305	0	2	0	0	0	2
18306	0	4	0	0	0	4
18307	0	0	0	2	1	3
18308	0	2	0	0	0	2
18309	0	0	0	2	0	2
18310	0	1	0	0	0	1
18311	0	3	0	0	0	3
18312	0	2	0	0	2	4
18313	0	3	0	0	2	5
18314	0	0	0	1	0	1
18315	0	0	0	2	1	3
18316	0	0	0	2	0	2
18317	2	3	0	0	0	5
18318	0	3	0	0	0	3
18319	0	0	0	1	2	3
18320	2	0	2	0	0	4
18321	0	0	0	1	0	1
18322	0	2	0	0	1	3
18323	1	0	2	0	0	3
18324	0	2	0	0	0	2
18325	0	0	2	0	0	2
18326	0	1	0	0	0	1
18327	2	0	2	0	0	4
18328	0	0	0	1	0	1
18329	3	0	2	0	0	5

18330	1	0	2	0	0	3
18331	0	3	0	0	0	3
18332	1	0	0	1	0	2
18333	0	0	2	0	0	2
18334	0	4	0	0	0	4
18335	0	0	0	2	1	3
18336	0	0	2	0	0	2
18337	0	2	0	0	0	2
18338	0	1	0	0	0	1
18339	2	0	0	2	0	4
18340	0	0	0	2	0	2
18341	0	1	0	0	0	1
18342	0	0	2	0	0	2
18343	0	0	1	0	2	3
18344	0	0	0	2	0	2
18345	0	0	2	0	0	2
18346	0	1	0	0	0	1
18347	0	2	0	0	0	2
18348	2	3	0	0	1	6
18349	2	0	1	0	2	5
18350	0	2	0	0	0	2
18351	1	0	2	0	0	3
18352	0	3	0	0	1	4
18353	1	0	0	2	0	3
18354	0	0	0	2	0	2
18355	0	4	0	0	0	4
18356	2	3	0	0	0	5
18357	0	1	0	0	1	2
18358	0	0	2	0	0	2
18359	2	0	1	0	0	3
18360	0	0	0	1	0	1
18361	1	1	0	0	0	2
18362	0	3	0	0	0	3
18363	4	4	0	0	0	8
18364	0	2	0	0	0	2
18365	0	1	0	0	0	1
18366	2	0	2	0	0	4
18367	0	0	2	0	0	2
18368	1	0	0	2	0	3
18369	1	4	0	0	0	5
18370	0	0	2	0	0	2
18371	4	0	0	2	0	6
18372	0	1	0	0	2	3
18373	0	1	0	0	0	1
18374	0	2	0	0	0	2
18375	2	3	0	0	0	5
18376	0	0	0	2	0	2

18377	0	0	3	0	2	5
18378	0	3	0	0	0	3
18379	1	0	1	0	0	2
18380	0	0	0	2	0	2
18381	0	0	2	0	1	3
18382	2	0	2	0	0	4
18383	0	0	0	2	1	3
18384	0	2	0	0	0	2
18385	0	0	1	0	0	1
18386	0	0	2	0	2	4
18387	0	0	2	0	2	4
18388	0	4	0	0	1	5
18389	0	0	0	2	0	2
18390	0	1	0	0	0	1
18391	0	3	0	0	1	4
18392	0	0	0	2	0	2
18393	0	0	0	1	1	2
18394	1	3	0	0	2	6
18395	0	3	0	0	0	3
18396	1	0	2	0	0	3
18397	2	0	1	0	0	3
18398	1	0	0	2	0	3
18399	2	0	0	1	2	5
18400	0	0	0	1	1	2
18401	2	4	0	0	0	6
18402	0	0	1	0	0	1
18403	0	0	1	0	0	1
18404	0	0	2	0	0	2
18405	0	4	0	0	0	4
18406	0	1	0	0	0	1
18407	2	0	1	0	0	3
18408	0	0	0	2	0	2
18409	0	0	0	1	0	1
18410	0	0	0	2	0	2
18411	1	0	0	1	0	2
18412	0	0	0	2	0	2
18413	0	0	0	1	0	1
18414	0	0	0	2	0	2
18415	0	0	0	1	0	1
18416	0	1	0	0	0	1
18417	0	0	0	1	0	1
18418	0	3	0	0	0	3
18419	0	2	0	0	0	2
18420	0	3	0	0	0	3
18421	0	0	0	1	0	1
18422	0	0	2	0	2	4
18423	0	4	0	0	0	4

18424	0	0	2	0	0	2
18425	3	1	0	0	0	4
18426	0	2	0	0	0	2
18427	0	2	0	0	0	2
18428	0	0	0	1	2	3
18429	0	4	0	0	0	4
18430	2	0	1	0	0	3
18431	0	0	0	2	0	2
18432	1	2	0	0	0	3
18433	0	1	0	0	0	1
18434	0	3	0	0	0	3
18435	0	0	0	0	2	2
18436	0	3	0	0	0	3
18437	0	0	0	2	2	4
18438	0	0	0	2	0	2
18439	0	2	0	0	1	3
18440	0	0	1	0	0	1
18441	0	0	1	0	0	1
18442	0	0	0	1	0	1
18443	0	0	0	2	0	2
18444	0	1	0	0	0	1
18445	1	2	0	0	0	3
18446	1	0	2	0	1	4
18447	0	0	2	0	0	2
18448	0	0	1	0	0	1
18449	1	0	1	0	0	2
18450	0	0	0	1	0	1
18451	0	4	0	0	0	4
18452	0	0	0	1	0	1
18453	1	4	0	0	1	6
18454	0	0	0	1	0	1
18455	0	2	0	0	0	2
18456	0	1	0	0	0	1
18457	0	0	0	2	1	3
18458	0	0	0	2	2	4
18459	0	1	0	0	0	1
18460	0	0	0	2	2	4
18461	0	0	4	0	0	4
18462	0	0	0	1	0	1
18463	0	3	0	0	0	3
18464	1	0	1	0	1	3
18465	0	0	0	2	0	2
18466	3	0	0	2	0	5
18467	1	0	0	2	0	3
18468	0	0	0	2	0	2
18469	0	0	2	0	0	2
18470	0	4	0	0	1	5

18471	0	0	0	2	0	2
18472	1	4	0	0	0	5
18473	0	0	2	0	0	2
18474	0	0	0	2	0	2
18475	0	0	1	0	1	2
18476	0	0	0	2	0	2
18477	0	0	0	1	0	1
18478	0	0	2	0	2	4
18479	0	0	1	0	0	1
18480	0	1	0	0	0	1
18481	0	0	1	0	0	1
18482	0	0	0	2	2	4
18483	1	3	0	0	0	4
18484	1	0	2	0	0	3
18485	1	1	0	0	0	2
18486	0	0	0	1	0	1
18487	1	0	2	0	0	3
18488	0	2	0	0	0	2
18489	0	3	0	0	0	3
18490	0	3	0	0	0	3
18491	0	1	0	0	0	1
18492	1	3	0	0	0	4
18493	0	3	0	0	0	3
18494	3	3	0	0	1	7
18495	0	4	0	0	0	4
18496	4	0	1	0	0	5
18497	0	0	2	0	1	3
18498	0	0	2	0	1	3
18499	0	0	1	0	0	1
18500	2	3	0	0	0	5
18501	0	3	0	0	0	3
18502	1	2	0	0	0	3
18503	0	2	0	0	0	2
18504	0	2	0	0	0	2
18505	0	3	0	0	0	3
18506	0	0	2	0	0	2
18507	0	2	0	0	2	4
18508	0	2	0	0	0	2
18509	0	2	0	0	2	4
18510	0	0	0	1	2	3
18511	0	0	2	0	0	2
18512	0	3	0	0	0	3
18513	3	0	2	0	0	5
18514	0	2	0	0	2	4
18515	0	0	1	0	0	1
18516	1	0	0	1	2	4
18517	0	0	4	0	0	4

18518	0	2	0	0	1	3
18519	0	1	0	0	0	1
18520	0	0	1	0	0	1
18521	1	2	0	0	0	3
18522	0	0	0	1	1	2
18523	0	3	0	0	0	3
18524	0	0	1	0	0	1
18525	2	4	0	0	0	6
18526	0	0	3	0	0	3
18527	0	2	0	0	1	3
18528	0	0	1	0	0	1
18529	1	0	0	2	0	3
18530	0	3	0	0	0	3
18531	0	0	0	2	0	2
18532	2	3	0	0	0	5
18533	1	2	0	0	2	5
18534	2	1	0	0	0	3
18535	0	0	2	0	0	2
18536	1	0	0	1	1	3
18537	0	2	0	0	1	3
18538	0	2	0	0	0	2
18539	4	0	0	1	0	5
18540	0	2	0	0	0	2
18541	0	3	0	0	2	5
18542	0	0	0	1	2	3
18543	0	0	0	2	0	2
18544	0	0	0	1	0	1
18545	0	0	0	1	1	2
18546	0	1	0	0	0	1
18547	1	0	0	2	0	3
18548	1	0	0	2	0	3
18549	2	1	0	0	0	3
18550	2	3	0	0	0	5
18551	0	0	1	0	0	1
18552	0	0	1	0	0	1
18553	1	0	2	0	0	3
18554	0	0	0	1	1	2
18555	0	4	0	0	0	4
18556	0	0	0	1	2	3
18557	0	3	0	0	0	3
18558	0	0	1	0	0	1
18559	2	0	0	1	1	4
18560	0	0	3	0	0	3
18561	1	3	0	0	0	4
18562	0	0	2	0	2	4
18563	0	0	2	0	0	2
18564	0	0	0	2	0	2

18565	0	0	0	2	0	2
18566	0	3	0	0	0	3
18567	1	0	1	0	0	2
18568	0	0	2	0	0	2
18569	0	0	0	2	0	2
18570	0	2	0	0	0	2
18571	0	0	0	2	0	2
18572	0	1	0	0	2	3
18573	0	3	0	0	0	3
18574	0	0	0	2	2	4
18575	1	4	0	0	0	5
18576	0	1	0	0	0	1
18577	0	0	0	2	1	3
18578	0	4	0	0	0	4
18579	0	0	1	0	0	1
18580	0	0	0	1	0	1
18581	4	4	0	0	0	8
18582	0	2	0	0	0	2
18583	2	3	0	0	0	5
18584	0	1	0	0	0	1
18585	0	3	0	0	2	5
18586	0	4	0	0	0	4
18587	0	0	0	1	0	1
18588	0	4	0	0	0	4
18589	0	1	0	0	0	1
18590	1	0	0	2	2	5
18591	0	0	0	1	1	2
18592	1	4	0	0	0	5
18593	1	3	0	0	0	4
18594	0	3	0	0	0	3
18595	0	3	0	0	0	3
18596	0	0	1	0	0	1
18597	3	0	0	1	2	6
18598	0	0	2	0	2	4
18599	2	0	2	0	0	4
18600	0	2	0	0	2	4
18601	0	0	1	0	0	1
18602	0	0	0	0	2	2
18603	0	2	0	0	0	2
18604	0	4	0	0	0	4
18605	0	0	2	0	2	4
18606	1	0	0	2	0	3
18607	0	0	0	2	0	2
18608	0	0	0	2	1	3
18609	0	2	0	0	0	2
18610	0	4	0	0	0	4
18611	0	0	2	0	0	2

18612	0	4	0	0	0	4
18613	0	4	0	0	0	4
18614	0	3	0	0	0	3
18615	2	0	0	2	0	4
18616	0	4	0	0	0	4
18617	0	0	1	0	0	1
18618	3	0	0	1	0	4
18619	0	0	0	2	0	2
18620	1	0	0	1	0	2
18621	0	3	0	0	0	3
18622	0	3	0	0	0	3
18623	0	2	0	0	0	2
18624	0	1	0	0	0	1
18625	0	0	0	2	1	3
18626	3	0	0	2	0	5
18627	1	2	0	0	0	3
18628	0	0	1	0	1	2
18629	0	0	0	2	0	2
18630	0	0	0	2	0	2
18631	0	3	0	0	0	3
18632	0	0	2	0	0	2
18633	0	0	1	0	1	2
18634	1	3	0	0	1	5
18635	0	0	0	1	2	3
18636	1	0	2	0	0	3
18637	0	2	0	0	0	2
18638	1	0	1	0	0	2
18639	0	1	0	0	0	1
18640	0	1	0	0	0	1
18641	0	4	0	0	0	4
18642	0	1	0	0	0	1
18643	0	0	0	2	0	2
18644	0	1	0	0	0	1
18645	1	2	0	0	0	3
18646	0	0	0	1	1	2
18647	2	0	2	0	0	4
18648	0	0	0	2	0	2
18649	0	2	0	0	0	2
18650	0	0	4	0	0	4
18651	0	1	0	0	0	1
18652	0	0	1	0	0	1
18653	0	0	2	0	0	2
18654	0	0	1	0	0	1
18655	1	0	1	0	0	2
18656	3	0	2	0	0	5
18657	0	0	2	0	0	2
18658	0	0	2	0	2	4

18659	0	2	0	0	0	2
18660	0	0	2	0	1	3
18661	2	0	0	1	0	3
18662	0	4	0	0	0	4
18663	0	0	1	0	0	1
18664	0	3	0	0	0	3
18665	1	0	0	2	0	3
18666	0	0	1	0	0	1
18667	0	4	0	0	0	4
18668	0	0	3	0	2	5
18669	0	0	2	0	2	4
18670	0	0	0	2	2	4
18671	0	3	0	0	0	3
18672	0	0	4	0	0	4
18673	2	0	2	0	2	6
18674	0	0	2	0	1	3
18675	0	0	0	2	0	2
18676	1	0	0	1	2	4
18677	2	1	0	0	0	3
18678	0	3	0	0	0	3
18679	0	0	0	1	0	1
18680	0	0	0	2	2	4
18681	0	4	0	0	0	4
18682	0	0	0	1	0	1
18683	0	3	0	0	0	3
18684	0	2	0	0	2	4
18685	0	0	0	2	0	2
18686	0	0	0	2	2	4
18687	0	1	0	0	2	3
18688	0	0	0	2	0	2
18689	0	0	2	0	0	2
18690	0	0	0	2	0	2
18691	0	0	1	0	1	2
18692	0	3	0	0	0	3
18693	0	0	1	0	0	1
18694	0	0	2	0	0	2
18695	0	0	0	1	0	1
18696	0	0	0	2	0	2
18697	0	1	0	0	0	1
18698	1	2	0	0	0	3
18699	0	0	2	0	0	2
18700	0	0	0	1	0	1
18701	2	2	0	0	0	4
18702	0	2	0	0	0	2
18703	0	0	0	2	0	2
18704	2	0	1	0	1	4
18705	0	2	0	0	0	2

18706	0	3	0	0	0	3
18707	0	0	2	0	0	2
18708	0	1	0	0	0	1
18709	1	3	0	0	0	4
18710	0	1	0	0	0	1
18711	0	0	2	0	0	2
18712	0	4	0	0	0	4
18713	0	3	0	0	0	3
18714	0	2	0	0	0	2
18715	0	0	0	1	1	2
18716	0	0	0	2	0	2
18717	0	1	0	0	0	1
18718	0	1	0	0	2	3
18719	2	0	0	1	0	3
18720	0	0	2	0	0	2
18721	0	3	0	0	0	3
18722	0	1	0	0	0	1
18723	0	3	0	0	0	3
18724	1	0	0	2	0	3
18725	0	0	2	0	2	4
18726	0	0	1	0	0	1
18727	1	4	0	0	1	6
18728	2	0	2	0	0	4
18729	0	0	2	0	0	2
18730	1	0	2	0	0	3
18731	0	0	0	2	2	4
18732	1	0	2	0	2	5
18733	1	4	0	0	0	5
18734	0	2	0	0	1	3
18735	0	0	0	2	0	2
18736	0	0	2	0	0	2
18737	1	0	2	0	1	4
18738	0	0	0	1	0	1
18739	1	0	0	1	0	2
18740	0	0	1	0	0	1
18741	0	3	0	0	0	3
18742	1	0	0	2	0	3
18743	2	0	2	0	0	4
18744	1	0	0	2	0	3
18745	1	0	1	0	0	2
18746	0	0	2	0	2	4
18747	0	2	0	0	0	2
18748	0	0	1	0	0	1
18749	0	3	0	0	1	4
18750	0	1	0	0	0	1
18751	0	1	0	0	0	1
18752	0	0	2	0	0	2

18753	0	0	0	2	0	2
18754	0	0	0	1	0	1
18755	0	0	0	1	0	1
18756	0	3	0	0	0	3
18757	2	0	0	2	2	6
18758	2	3	0	0	0	5
18759	0	0	0	1	0	1
18760	0	2	0	0	1	3
18761	3	0	1	0	0	4
18762	0	0	1	0	0	1
18763	1	0	1	0	0	2
18764	3	0	2	0	0	5
18765	0	0	0	1	0	1
18766	1	0	0	1	0	2
18767	1	0	2	0	0	3
18768	2	3	0	0	2	7
18769	4	0	2	0	0	6
18770	0	0	0	2	0	2
18771	1	3	0	0	0	4
18772	0	0	2	0	2	4
18773	0	0	2	0	2	4
18774	0	0	0	1	2	3
18775	0	2	0	0	0	2
18776	0	2	0	0	0	2
18777	0	0	0	1	1	2
18778	0	0	0	2	0	2
18779	0	0	2	0	0	2
18780	0	0	4	0	0	4
18781	1	0	0	1	0	2
18782	0	3	0	0	0	3
18783	0	3	0	0	0	3
18784	0	3	0	0	0	3
18785	0	0	0	2	0	2
18786	3	0	1	0	0	4
18787	0	0	2	0	0	2
18788	0	2	0	0	0	2
18789	0	0	2	0	0	2
18790	0	1	0	0	0	1
18791	3	1	0	0	2	6
18792	1	0	3	0	1	5
18793	0	0	2	0	0	2
18794	1	0	1	0	0	2
18795	0	3	0	0	0	3
18796	2	0	0	2	0	4
18797	1	0	1	0	0	2
18798	3	2	0	0	1	6
18799	1	1	0	0	1	3

18800	0	1	0	0	0	1
18801	0	0	1	0	0	1
18802	0	0	0	2	0	2
18803	0	1	0	0	0	1
18804	1	0	2	0	1	4
18805	0	2	0	0	2	4
18806	0	4	0	0	0	4
18807	0	0	0	2	0	2
18808	0	1	0	0	0	1
18809	0	2	0	0	0	2
18810	0	0	0	2	0	2
18811	0	2	0	0	0	2
18812	0	0	2	0	0	2
18813	0	0	2	0	2	4
18814	0	4	0	0	0	4
18815	0	0	1	0	2	3
18816	0	0	0	1	0	1
18817	0	0	1	0	0	1
18818	0	1	0	0	0	1
18819	3	4	0	0	0	7
18820	0	0	1	0	0	1
18821	4	2	0	0	0	6
18822	0	1	0	0	0	1
18823	0	0	0	2	2	4
18824	0	0	0	2	0	2
18825	0	4	0	0	0	4
18826	0	0	1	0	0	1
18827	0	0	0	1	0	1
18828	2	0	2	0	0	4
18829	0	0	0	1	1	2
18830	0	4	0	0	0	4
18831	0	0	0	2	0	2
18832	0	4	0	0	0	4
18833	0	0	1	0	0	1
18834	0	0	2	0	1	3
18835	0	0	2	0	0	2
18836	2	0	1	0	0	3
18837	0	0	2	0	0	2
18838	0	2	0	0	0	2
18839	0	0	0	2	0	2
18840	0	0	2	0	0	2
18841	1	0	0	1	1	3
18842	0	0	1	0	0	1
18843	0	0	2	0	0	2
18844	1	0	0	2	2	5
18845	0	0	0	1	0	1
18846	0	0	1	0	1	2

18847	0	0	0	1	0	1
18848	4	2	0	0	2	8
18849	3	2	0	0	1	6
18850	0	0	0	1	0	1
18851	0	0	0	1	0	1
18852	0	4	0	0	0	4
18853	0	1	0	0	0	1
18854	1	2	0	0	0	3
18855	1	0	0	1	0	2
18856	0	2	0	0	0	2
18857	0	0	1	0	1	2
18858	3	0	1	0	0	4
18859	0	3	0	0	0	3
18860	0	4	0	0	0	4
18861	4	0	0	2	0	6
18862	0	2	0	0	1	3
18863	0	2	0	0	2	4
18864	0	0	0	1	1	2
18865	0	0	0	2	0	2
18866	0	0	0	1	1	2
18867	0	0	2	0	0	2
18868	0	4	0	0	1	5
18869	0	4	0	0	0	4
18870	0	0	0	2	0	2
18871	0	0	0	2	0	2
18872	0	0	0	2	0	2
18873	0	0	0	2	0	2
18874	0	0	0	2	0	2
18875	0	0	2	0	0	2
18876	0	0	4	0	0	4
18877	0	2	0	0	0	2
18878	1	0	0	2	0	3
18879	1	0	0	1	0	2
18880	0	0	0	2	2	4
18881	2	0	0	1	0	3
18882	0	0	1	0	0	1
18883	0	0	0	1	0	1
18884	1	0	2	0	0	3
18885	1	3	0	0	0	4
18886	0	0	2	0	0	2
18887	0	0	4	0	0	4
18888	0	0	1	0	2	3
18889	0	4	0	0	0	4
18890	0	0	0	1	0	1
18891	1	0	0	1	0	2
18892	0	0	0	1	0	1
18893	0	0	0	1	0	1

18894	1	0	2	0	2	5
18895	0	0	0	2	2	4
18896	1	0	1	0	0	2
18897	0	1	0	0	0	1
18898	4	0	2	0	0	6
18899	3	0	0	1	2	6
18900	0	0	3	0	1	4
18901	0	0	0	1	0	1
18902	0	1	0	0	2	3
18903	0	0	2	0	2	4
18904	0	0	0	2	0	2
18905	0	2	0	0	0	2
18906	1	2	0	0	2	5
18907	0	0	0	2	2	4
18908	0	0	0	2	0	2
18909	0	0	1	0	0	1
18910	0	0	0	2	0	2
18911	0	1	0	0	0	1
18912	0	0	1	0	0	1
18913	1	0	0	2	1	4
18914	0	0	2	0	0	2
18915	0	1	0	0	0	1
18916	1	3	0	0	0	4
18917	0	0	2	0	0	2
18918	0	4	0	0	0	4
18919	0	0	1	0	0	1
18920	0	0	1	0	0	1
18921	0	4	0	0	2	6
18922	2	4	0	0	0	6
18923	2	0	0	2	0	4
18924	1	4	0	0	1	6
18925	1	0	0	2	0	3
18926	1	0	2	0	1	4
18927	0	0	0	2	0	2
18928	2	0	4	0	0	6
18929	0	0	1	0	0	1
18930	0	2	0	0	0	2
18931	1	2	0	0	0	3
18932	0	0	0	1	0	1
18933	0	1	0	0	0	1
18934	1	0	0	2	0	3
18935	0	2	0	0	0	2
18936	0	0	1	0	0	1
18937	0	0	0	1	0	1
18938	1	0	2	0	2	5
18939	0	3	0	0	0	3
18940	0	1	0	0	0	1

18941	0	0	1	0	0	1
18942	0	0	0	2	0	2
18943	0	0	2	0	0	2
18944	0	3	0	0	0	3
18945	0	1	0	0	0	1
18946	0	0	0	2	0	2
18947	0	0	0	1	1	2
18948	0	1	0	0	2	3
18949	0	1	0	0	0	1
18950	0	0	0	2	0	2
18951	1	4	0	0	0	5
18952	0	0	0	1	0	1
18953	0	2	0	0	0	2
18954	1	0	0	2	2	5
18955	0	4	0	0	1	5
18956	0	0	2	0	2	4
18957	1	4	0	0	0	5
18958	0	4	0	0	2	6
18959	0	0	1	0	0	1
18960	0	0	0	2	0	2
18961	0	0	1	0	0	1
18962	1	0	0	1	0	2
18963	0	0	0	1	0	1
18964	0	0	0	2	0	2
18965	3	0	0	2	0	5
18966	1	0	0	2	0	3
18967	0	1	0	0	1	2
18968	2	0	0	2	1	5
18969	0	4	0	0	0	4
18970	0	4	0	0	0	4
18971	0	4	0	0	0	4
18972	0	0	2	0	0	2
18973	0	3	0	0	0	3
18974	2	3	0	0	0	5
18975	2	0	2	0	1	5
18976	2	0	0	2	0	4
18977	1	0	0	2	0	3
18978	0	1	0	0	0	1
18979	0	2	0	0	0	2
18980	1	0	2	0	0	3
18981	0	0	0	1	1	2
18982	0	0	0	1	0	1
18983	1	3	0	0	0	4
18984	0	0	0	1	0	1
18985	0	3	0	0	0	3
18986	2	3	0	0	1	6
18987	0	2	0	0	0	2

18988	2	0	0	2	0	4
18989	0	0	2	0	0	2
18990	0	0	0	1	0	1
18991	0	0	2	0	0	2
18992	0	0	0	2	1	3
18993	0	0	2	0	0	2
18994	0	2	0	0	1	3
18995	1	0	2	0	2	5
18996	0	4	0	0	0	4
18997	0	0	0	2	0	2
18998	0	2	0	0	0	2
18999	0	4	0	0	0	4
19000	0	0	2	0	0	2
19001	4	3	0	0	1	8
19002	1	0	1	0	1	3
19003	0	0	0	2	2	4
19004	0	0	1	0	1	2
19005	0	0	0	1	1	2
19006	1	0	0	2	0	3
19007	1	2	0	0	0	3
19008	0	2	0	0	2	4
19009	0	0	2	0	1	3
19010	0	2	0	0	0	2
19011	2	0	0	2	0	4
19012	0	0	1	0	0	1
19013	0	0	0	2	0	2
19014	0	1	0	0	2	3
19015	0	3	0	0	0	3
19016	2	0	0	2	0	4
19017	0	2	0	0	0	2
19018	3	0	0	2	1	6
19019	0	0	2	0	0	2
19020	0	0	1	0	0	1
19021	0	0	0	1	0	1
19022	0	0	0	1	0	1
19023	0	1	0	0	0	1
19024	1	3	0	0	0	4
19025	0	0	1	0	0	1
19026	0	0	1	0	1	2
19027	0	0	0	1	1	2
19028	0	0	2	0	0	2
19029	0	0	2	0	0	2
19030	4	0	1	0	0	5
19031	0	0	0	1	1	2
19032	1	0	0	2	0	3
19033	0	3	0	0	0	3
19034	0	3	0	0	0	3

19035	0	0	1	0	0	1
19036	0	0	2	0	0	2
19037	0	0	1	0	0	1
19038	0	0	1	0	0	1
19039	2	2	0	0	0	4
19040	0	0	0	2	0	2
19041	0	2	0	0	1	3
19042	1	4	0	0	0	5
19043	1	3	0	0	0	4
19044	0	1	0	0	1	2
19045	0	2	0	0	1	3
19046	0	3	0	0	0	3
19047	0	0	2	0	0	2
19048	0	1	0	0	2	3
19049	0	1	0	0	0	1
19050	0	3	0	0	0	3
19051	0	0	0	2	0	2
19052	0	0	4	0	1	5
19053	0	4	0	0	1	5
19054	0	1	0	0	2	3
19055	0	0	0	2	0	2
19056	0	0	0	1	0	1
19057	1	0	2	0	0	3
19058	0	0	0	2	0	2
19059	1	4	0	0	0	5
19060	1	0	4	0	0	5
19061	0	0	0	2	1	3
19062	2	1	0	0	1	4
19063	0	0	2	0	0	2
19064	0	3	0	0	0	3
19065	0	0	2	0	2	4
19066	0	0	0	2	0	2
19067	1	4	0	0	0	5
19068	1	2	0	0	0	3
19069	0	0	0	1	0	1
19070	0	0	0	1	0	1
19071	0	3	0	0	0	3
19072	1	4	0	0	0	5
19073	0	0	0	2	0	2
19074	2	0	2	0	0	4
19075	0	4	0	0	0	4
19076	0	0	0	1	0	1
19077	0	2	0	0	0	2
19078	0	0	2	0	0	2
19079	0	2	0	0	0	2
19080	1	0	1	0	0	2
19081	0	3	0	0	0	3

19082	1	3	0	0	0	4
19083	0	4	0	0	0	4
19084	0	0	0	2	0	2
19085	0	4	0	0	0	4
19086	1	0	1	0	0	2
19087	0	2	0	0	0	2
19088	0	0	0	1	0	1
19089	2	0	0	1	0	3
19090	0	0	0	1	2	3
19091	3	1	0	0	0	4
19092	0	3	0	0	0	3
19093	0	0	1	0	2	3
19094	0	0	4	0	0	4
19095	0	0	2	0	0	2
19096	0	2	0	0	0	2
19097	0	0	2	0	0	2
19098	0	0	3	0	0	3
19099	0	0	0	2	0	2
19100	2	0	2	0	0	4
19101	0	0	0	2	0	2
19102	1	4	0	0	0	5
19103	0	0	2	0	0	2
19104	1	0	0	1	0	2
19105	0	4	0	0	1	5
19106	0	0	2	0	0	2
19107	2	0	2	0	1	5
19108	0	0	3	0	0	3
19109	0	3	0	0	0	3
19110	1	0	1	0	0	2
19111	0	2	0	0	0	2
19112	0	0	0	2	0	2
19113	0	2	0	0	0	2
19114	0	0	4	0	0	4
19115	0	0	2	0	0	2
19116	0	4	0	0	0	4
19117	0	0	0	2	0	2
19118	0	4	0	0	2	6
19119	0	4	0	0	0	4
19120	0	4	0	0	0	4
19121	2	0	1	0	2	5
19122	0	2	0	0	0	2
19123	0	3	0	0	2	5
19124	1	2	0	0	0	3
19125	1	0	0	2	0	3
19126	0	2	0	0	0	2
19127	0	0	1	0	0	1
19128	0	2	0	0	0	2

19129	0	3	0	0	0	3
19130	1	0	0	2	2	5
19131	2	2	0	0	0	4
19132	1	0	0	2	0	3
19133	2	4	0	0	0	6
19134	0	0	0	2	0	2
19135	0	3	0	0	2	5
19136	1	0	1	0	0	2
19137	2	0	0	2	0	4
19138	0	0	0	2	0	2
19139	0	0	0	2	0	2
19140	0	1	0	0	0	1
19141	2	0	0	2	0	4
19142	1	0	0	1	0	2
19143	1	4	0	0	0	5
19144	1	0	0	2	0	3
19145	0	0	1	0	0	1
19146	0	4	0	0	0	4
19147	3	0	1	0	2	6
19148	0	3	0	0	0	3
19149	1	1	0	0	2	4
19150	0	1	0	0	0	1
19151	1	0	0	1	0	2
19152	0	0	2	0	0	2
19153	1	0	0	1	0	2
19154	1	3	0	0	0	4
19155	0	0	1	0	0	1
19156	1	0	1	0	0	2
19157	0	2	0	0	0	2
19158	3	1	0	0	2	6
19159	0	0	1	0	0	1
19160	0	1	0	0	0	1
19161	2	1	0	0	2	5
19162	0	0	1	0	0	1
19163	0	0	1	0	0	1
19164	0	3	0	0	1	4
19165	0	4	0	0	1	5
19166	0	1	0	0	1	2
19167	2	3	0	0	0	5
19168	0	2	0	0	0	2
19169	1	0	0	2	0	3
19170	0	0	0	2	0	2
19171	0	0	0	1	0	1
19172	0	0	0	1	0	1
19173	1	3	0	0	0	4
19174	0	0	1	0	2	3
19175	0	0	0	1	0	1

19176	0	1	0	0	0	1
19177	0	0	0	2	1	3
19178	3	0	0	2	0	5
19179	0	0	0	2	1	3
19180	0	0	1	0	0	1
19181	1	0	0	1	0	2
19182	0	0	0	1	2	3
19183	2	0	1	0	1	4
19184	3	0	0	1	0	4
19185	0	1	0	0	2	3
19186	0	3	0	0	0	3
19187	0	1	0	0	0	1
19188	0	0	1	0	0	1
19189	0	2	0	0	0	2
19190	0	3	0	0	1	4
19191	0	3	0	0	1	4
19192	0	0	0	2	0	2
19193	0	4	0	0	1	5
19194	0	0	1	0	0	1
19195	0	0	0	1	1	2
19196	0	2	0	0	0	2
19197	0	1	0	0	0	1
19198	0	2	0	0	0	2
19199	1	0	0	1	1	3
19200	0	1	0	0	0	1
19201	2	1	0	0	0	3
19202	0	0	1	0	0	1
19203	0	0	0	2	0	2
19204	1	4	0	0	0	5
19205	0	0	2	0	0	2
19206	2	2	0	0	0	4
19207	0	1	0	0	0	1
19208	0	3	0	0	0	3
19209	1	0	0	2	0	3
19210	0	3	0	0	0	3
19211	2	2	0	0	0	4
19212	0	3	0	0	0	3
19213	0	0	0	2	0	2
19214	3	0	2	0	0	5
19215	1	0	0	1	2	4
19216	0	4	0	0	0	4
19217	1	3	0	0	0	4
19218	0	0	1	0	0	1
19219	0	0	4	0	0	4
19220	2	0	0	1	0	3
19221	0	0	1	0	1	2
19222	0	0	0	1	0	1

19223	1	0	0	1	0	2
19224	2	1	0	0	0	3
19225	0	0	0	1	0	1
19226	0	3	0	0	0	3
19227	0	0	2	0	0	2
19228	0	0	0	2	0	2
19229	0	0	1	0	2	3
19230	0	0	1	0	2	3
19231	1	0	0	1	0	2
19232	0	0	2	0	0	2
19233	0	2	0	0	2	4
19234	1	0	0	1	0	2
19235	0	3	0	0	0	3
19236	0	0	2	0	0	2
19237	0	0	0	2	0	2
19238	0	4	0	0	1	5
19239	0	0	0	1	0	1
19240	0	1	0	0	0	1
19241	0	0	1	0	0	1
19242	0	0	0	2	0	2
19243	0	2	0	0	0	2
19244	2	0	1	0	1	4
19245	0	0	0	1	0	1
19246	0	0	3	0	0	3
19247	0	0	0	1	0	1
19248	0	0	0	1	0	1
19249	1	3	0	0	2	6
19250	0	1	0	0	0	1
19251	0	0	0	2	2	4
19252	0	3	0	0	0	3
19253	0	0	0	2	0	2
19254	1	0	2	0	1	4
19255	0	4	0	0	1	5
19256	1	0	0	2	0	3
19257	0	0	1	0	0	1
19258	0	0	0	1	0	1
19259	0	4	0	0	0	4
19260	0	3	0	0	0	3
19261	0	0	1	0	0	1
19262	0	0	0	2	0	2
19263	0	2	0	0	0	2
19264	0	0	0	1	2	3
19265	0	3	0	0	0	3
19266	0	0	2	0	2	4
19267	0	3	0	0	0	3
19268	0	1	0	0	0	1
19269	0	0	0	2	0	2

19270	0	3	0	0	0	3
19271	0	1	0	0	0	1
19272	0	1	0	0	0	1
19273	0	0	0	1	0	1
19274	0	0	1	0	0	1
19275	0	4	0	0	1	5
19276	0	0	4	0	2	6
19277	0	0	1	0	0	1
19278	2	2	0	0	0	4
19279	0	0	2	0	1	3
19280	0	0	0	2	0	2
19281	1	0	2	0	0	3
19282	1	0	0	2	0	3
19283	0	0	0	2	0	2
19284	1	0	0	1	0	2
19285	0	0	0	1	0	1
19286	0	0	0	1	0	1
19287	1	2	0	0	0	3
19288	1	0	1	0	0	2
19289	0	3	0	0	0	3
19290	0	0	0	2	0	2
19291	0	0	0	2	2	4
19292	1	4	0	0	0	5
19293	0	1	0	0	0	1
19294	0	2	0	0	0	2
19295	0	0	2	0	0	2
19296	0	0	1	0	0	1
19297	0	3	0	0	0	3
19298	0	0	1	0	0	1
19299	1	4	0	0	0	5
19300	0	4	0	0	0	4
19301	0	0	0	2	0	2
19302	0	2	0	0	0	2
19303	0	0	2	0	0	2
19304	0	0	1	0	0	1
19305	0	0	0	2	0	2
19306	0	4	0	0	0	4
19307	0	0	0	1	0	1
19308	0	1	0	0	0	1
19309	0	4	0	0	0	4
19310	0	0	2	0	0	2
19311	2	3	0	0	1	6
19312	0	0	1	0	2	3
19313	0	0	1	0	0	1
19314	0	0	0	1	0	1
19315	2	4	0	0	2	8
19316	0	0	1	0	0	1

19317	0	0	1	0	2	3
19318	0	0	2	0	0	2
19319	0	0	0	1	0	1
19320	1	0	0	2	0	3
19321	1	1	0	0	0	2
19322	0	0	0	2	2	4
19323	1	2	0	0	2	5
19324	3	0	0	2	0	5
19325	2	0	0	1	0	3
19326	0	0	4	0	0	4
19327	0	3	0	0	2	5
19328	0	0	0	1	0	1
19329	0	0	0	2	0	2
19330	0	0	0	2	0	2
19331	0	3	0	0	0	3
19332	2	0	2	0	0	4
19333	0	0	1	0	0	1
19334	0	0	1	0	1	2
19335	0	4	0	0	0	4
19336	0	1	0	0	0	1
19337	0	0	0	2	0	2
19338	0	0	0	1	0	1
19339	0	0	0	2	0	2
19340	0	0	0	2	2	4
19341	0	2	0	0	0	2
19342	0	3	0	0	0	3
19343	0	0	1	0	2	3
19344	2	0	0	1	0	3
19345	0	0	2	0	0	2
19346	1	0	1	0	0	2
19347	0	2	0	0	0	2
19348	1	0	0	2	2	5
19349	0	0	0	2	1	3
19350	1	0	2	0	2	5
19351	0	1	0	0	0	1
19352	0	0	2	0	0	2
19353	0	0	2	0	0	2
19354	0	3	0	0	0	3
19355	0	3	0	0	0	3
19356	0	2	0	0	0	2
19357	0	3	0	0	0	3
19358	1	0	2	0	0	3
19359	0	4	0	0	2	6
19360	2	0	0	2	0	4
19361	1	0	2	0	0	3
19362	4	0	0	2	2	8
19363	0	0	0	2	1	3

19364	0	2	0	0	0	2
19365	0	4	0	0	0	4
19366	0	0	2	0	0	2
19367	0	0	0	2	0	2
19368	0	0	2	0	0	2
19369	0	3	0	0	0	3
19370	0	1	0	0	0	1
19371	3	0	2	0	1	6
19372	0	0	0	2	0	2
19373	0	0	0	2	0	2
19374	0	0	2	0	2	4
19375	0	1	0	0	0	1
19376	0	3	0	0	0	3
19377	1	1	0	0	0	2
19378	0	0	0	1	0	1
19379	0	1	0	0	0	1
19380	1	0	2	0	2	5
19381	2	0	0	2	0	4
19382	0	0	0	2	1	3
19383	0	2	0	0	0	2
19384	0	0	0	2	0	2
19385	0	2	0	0	0	2
19386	1	3	0	0	2	6
19387	0	0	0	2	0	2
19388	0	0	0	2	0	2
19389	0	0	1	0	0	1
19390	1	4	0	0	0	5
19391	0	0	0	1	0	1
19392	0	3	0	0	1	4
19393	1	0	0	1	0	2
19394	0	0	0	2	0	2
19395	1	0	1	0	0	2
19396	0	4	0	0	2	6
19397	0	0	1	0	0	1
19398	0	0	0	1	0	1
19399	0	0	0	1	0	1
19400	0	0	3	0	2	5
19401	0	0	0	2	2	4
19402	2	1	0	0	0	3
19403	0	3	0	0	0	3
19404	0	0	2	0	2	4
19405	3	2	0	0	0	5
19406	0	0	0	1	0	1
19407	3	0	0	2	1	6
19408	0	0	0	2	0	2
19409	0	0	4	0	0	4
19410	0	0	1	0	0	1

19411	1	0	1	0	0	2
19412	0	0	0	2	0	2
19413	0	1	0	0	0	1
19414	0	3	0	0	0	3
19415	0	0	0	2	0	2
19416	0	1	0	0	0	1
19417	3	3	0	0	0	6
19418	0	1	0	0	2	3
19419	0	0	2	0	0	2
19420	0	0	2	0	0	2
19421	0	1	0	0	0	1
19422	0	1	0	0	2	3
19423	0	2	0	0	1	3
19424	0	0	0	1	0	1
19425	0	3	0	0	0	3
19426	0	1	0	0	0	1
19427	0	0	1	0	0	1
19428	0	4	0	0	2	6
19429	0	2	0	0	0	2
19430	0	0	1	0	1	2
19431	0	0	1	0	0	1
19432	0	0	0	1	0	1
19433	0	0	0	1	0	1
19434	0	2	0	0	0	2
19435	0	0	0	1	0	1
19436	0	2	0	0	0	2
19437	0	0	4	0	0	4
19438	0	0	0	1	0	1
19439	0	0	1	0	2	3
19440	1	1	0	0	0	2
19441	0	4	0	0	1	5
19442	0	0	2	0	0	2
19443	0	0	2	0	1	3
19444	0	0	3	0	0	3
19445	0	0	0	2	0	2
19446	0	2	0	0	0	2
19447	1	0	1	0	0	2
19448	0	4	0	0	1	5
19449	0	0	0	2	2	4
19450	0	2	0	0	0	2
19451	0	4	0	0	0	4
19452	0	0	2	0	0	2
19453	0	0	1	0	0	1
19454	0	0	0	1	0	1
19455	0	0	0	1	0	1
19456	0	3	0	0	0	3
19457	0	0	0	2	0	2

19458	0	0	3	0	2	5
19459	0	2	0	0	0	2
19460	1	0	0	2	0	3
19461	0	4	0	0	0	4
19462	1	0	0	2	0	3
19463	1	3	0	0	0	4
19464	4	0	0	1	0	5
19465	0	3	0	0	0	3
19466	0	0	0	1	0	1
19467	0	0	0	1	0	1
19468	0	4	0	0	0	4
19469	0	0	0	2	0	2
19470	0	0	2	0	0	2
19471	0	0	0	1	0	1
19472	3	0	0	0	1	4
19473	0	0	0	2	0	2
19474	0	2	0	0	0	2
19475	0	2	0	0	0	2
19476	2	0	1	0	0	3
19477	2	0	0	2	0	4
19478	0	0	1	0	0	1
19479	0	0	0	1	0	1
19480	0	0	0	2	0	2
19481	1	0	2	0	0	3
19482	0	1	0	0	0	1
19483	0	3	0	0	0	3
19484	0	3	0	0	0	3
19485	0	0	1	0	0	1
19486	0	1	0	0	0	1
19487	0	0	0	2	0	2
19488	0	3	0	0	0	3
19489	0	0	0	1	0	1
19490	0	1	0	0	0	1
19491	0	0	0	2	0	2
19492	0	0	0	2	0	2
19493	0	0	2	0	0	2
19494	0	0	2	0	0	2
19495	1	0	0	1	0	2
19496	0	0	0	2	0	2
19497	0	4	0	0	0	4
19498	0	4	0	0	0	4
19499	0	0	1	0	0	1
19500	0	2	0	0	2	4
19501	1	3	0	0	0	4
19502	2	0	0	2	0	4
19503	2	1	0	0	2	5
19504	2	0	3	0	0	5

19505	0	0	0	2	0	2
19506	0	0	0	1	2	3
19507	3	0	0	1	2	6
19508	1	0	0	2	0	3
19509	0	0	0	2	0	2
19510	0	3	0	0	0	3
19511	0	4	0	0	0	4
19512	0	0	1	0	0	1
19513	1	2	0	0	2	5
19514	0	0	0	2	1	3
19515	0	2	0	0	0	2
19516	0	0	0	1	0	1
19517	0	4	0	0	1	5
19518	0	0	0	1	2	3
19519	0	0	0	1	0	1
19520	0	4	0	0	0	4
19521	1	0	1	0	2	4
19522	0	1	0	0	0	1
19523	0	0	0	2	1	3
19524	0	3	0	0	1	4
19525	0	0	0	2	0	2
19526	0	0	1	0	0	1
19527	0	3	0	0	1	4
19528	0	0	0	2	2	4
19529	0	1	0	0	0	1
19530	0	0	4	0	1	5
19531	0	0	2	0	0	2
19532	0	0	0	1	0	1
19533	0	0	0	2	0	2
19534	0	0	2	0	0	2
19535	1	0	1	0	1	3
19536	0	0	0	2	0	2
19537	0	0	2	0	0	2
19538	0	0	0	2	0	2
19539	0	0	0	2	0	2
19540	2	0	0	2	0	4
19541	0	0	0	1	0	1
19542	0	0	0	2	1	3
19543	0	0	0	1	1	2
19544	0	0	0	2	0	2
19545	0	0	0	2	1	3
19546	1	2	0	0	0	3
19547	0	3	0	0	0	3
19548	0	0	2	0	0	2
19549	0	4	0	0	0	4
19550	0	0	4	0	0	4
19551	0	0	1	0	2	3

19552	0	0	0	2	0	2
19553	2	2	0	0	2	6
19554	2	3	0	0	0	5
19555	0	0	1	0	0	1
19556	0	0	2	0	0	2
19557	0	4	0	0	0	4
19558	0	0	0	2	0	2
19559	0	0	1	0	0	1
19560	0	1	0	0	1	2
19561	0	0	2	0	1	3
19562	0	0	0	2	0	2
19563	1	2	0	0	0	3
19564	1	2	0	0	0	3
19565	0	2	0	0	2	4
19566	0	3	0	0	1	4
19567	0	0	0	2	0	2
19568	2	0	0	2	0	4
19569	0	1	0	0	0	1
19570	0	1	0	0	0	1
19571	0	4	0	0	2	6
19572	0	0	3	0	0	3
19573	2	0	0	2	1	5
19574	1	0	1	0	0	2
19575	0	0	0	2	0	2
19576	0	0	4	0	0	4
19577	0	0	0	1	2	3
19578	0	0	2	0	0	2
19579	1	4	0	0	0	5
19580	0	0	0	1	1	2
19581	0	1	0	0	0	1
19582	0	0	1	0	0	1
19583	0	3	0	0	0	3
19584	0	0	0	2	0	2
19585	0	2	0	0	0	2
19586	0	0	2	0	0	2
19587	0	0	0	1	0	1
19588	0	3	0	0	0	3
19589	0	3	0	0	1	4
19590	0	3	0	0	0	3
19591	1	0	0	1	1	3
19592	0	4	0	0	2	6
19593	0	2	0	0	0	2
19594	1	0	1	0	0	2
19595	1	0	0	2	0	3
19596	0	3	0	0	0	3
19597	0	3	0	0	0	3
19598	0	0	4	0	0	4

19599	1	4	0	0	0	5
19600	0	3	0	0	2	5
19601	2	0	0	2	0	4
19602	0	0	2	0	0	2
19603	1	0	0	2	0	3
19604	0	4	0	0	0	4
19605	0	4	0	0	0	4
19606	0	4	0	0	0	4
19607	4	1	0	0	0	5
19608	0	4	0	0	0	4
19609	0	0	0	1	0	1
19610	2	0	0	1	2	5
19611	0	0	2	0	0	2
19612	0	0	0	2	0	2
19613	1	2	0	0	0	3
19614	0	4	0	0	2	6
19615	1	1	0	0	0	2
19616	0	0	0	2	0	2
19617	0	2	0	0	1	3
19618	0	3	0	0	0	3
19619	0	0	1	0	2	3
19620	0	0	0	2	1	3
19621	0	0	0	2	2	4
19622	0	3	0	0	0	3
19623	0	1	0	0	0	1
19624	0	1	0	0	0	1
19625	0	4	0	0	0	4
19626	0	0	0	2	0	2
19627	0	0	2	0	0	2
19628	0	0	0	2	0	2
19629	1	0	1	0	0	2
19630	0	2	0	0	1	3
19631	0	0	0	2	0	2
19632	1	0	0	2	0	3
19633	0	0	1	0	2	3
19634	0	3	0	0	0	3
19635	0	0	0	1	1	2
19636	2	0	0	2	0	4
19637	0	0	0	2	0	2
19638	0	0	1	0	0	1
19639	0	0	2	0	0	2
19640	0	0	4	0	0	4
19641	1	0	0	2	0	3
19642	0	0	2	0	0	2
19643	1	0	0	2	0	3
19644	0	0	0	2	1	3
19645	0	0	0	1	0	1

19646	1	1	0	0	2	4
19647	0	0	1	0	0	1
19648	0	2	0	0	0	2
19649	2	0	0	1	1	4
19650	0	0	1	0	0	1
19651	0	4	0	0	0	4
19652	0	1	0	0	0	1
19653	0	0	0	2	0	2
19654	1	4	0	0	0	5
19655	0	1	0	0	0	1
19656	0	0	2	0	1	3
19657	0	0	0	2	0	2
19658	0	0	0	2	2	4
19659	0	0	1	0	0	1
19660	0	0	1	0	0	1
19661	0	0	1	0	0	1
19662	0	0	2	0	0	2
19663	1	3	0	0	0	4
19664	0	0	0	2	0	2
19665	0	0	0	2	2	4
19666	3	1	0	0	0	4
19667	0	0	0	1	2	3
19668	0	0	0	2	2	4
19669	0	0	0	2	0	2
19670	1	2	0	0	0	3
19671	1	0	1	0	0	2
19672	0	3	0	0	2	5
19673	0	0	0	2	0	2
19674	0	4	0	0	0	4
19675	0	0	2	0	0	2
19676	0	0	2	0	0	2
19677	0	1	0	0	1	2
19678	0	0	0	2	0	2
19679	0	0	1	0	0	1
19680	0	0	0	1	0	1
19681	0	0	1	0	0	1
19682	0	0	0	2	0	2
19683	0	0	0	1	0	1
19684	0	0	2	0	0	2
19685	1	3	0	0	2	6
19686	0	1	0	0	0	1
19687	2	0	1	0	0	3
19688	0	0	1	0	1	2
19689	0	2	0	0	0	2
19690	1	0	3	0	0	4
19691	0	2	0	0	0	2
19692	0	0	0	1	0	1

19693	0	1	0	0	0	1
19694	0	0	0	2	0	2
19695	1	0	0	1	2	4
19696	0	1	0	0	0	1
19697	0	0	0	2	0	2
19698	0	0	0	2	0	2
19699	0	0	2	0	0	2
19700	0	0	0	1	0	1
19701	0	1	0	0	0	1
19702	1	0	1	0	0	2
19703	0	0	0	2	0	2
19704	1	2	0	0	0	3
19705	0	0	0	1	0	1
19706	0	4	0	0	0	4
19707	0	1	0	0	0	1
19708	0	0	0	2	0	2
19709	0	3	0	0	0	3
19710	2	3	0	0	1	6
19711	0	0	0	2	0	2
19712	0	2	0	0	0	2
19713	1	1	0	0	0	2
19714	0	0	0	2	0	2
19715	0	3	0	0	0	3
19716	3	1	0	0	0	4
19717	1	0	0	1	0	2
19718	0	0	0	2	1	3
19719	0	0	2	0	0	2
19720	0	1	0	0	0	1
19721	0	0	1	0	0	1
19722	0	0	2	0	0	2
19723	0	0	0	1	1	2
19724	2	4	0	0	0	6
19725	0	0	1	0	1	2
19726	0	0	0	2	1	3
19727	1	0	0	1	2	4
19728	0	0	1	0	0	1
19729	0	3	0	0	0	3
19730	1	0	1	0	0	2
19731	1	0	0	2	2	5
19732	2	4	0	0	0	6
19733	0	0	0	1	0	1
19734	0	0	1	0	0	1
19735	0	0	0	2	0	2
19736	0	4	0	0	0	4
19737	0	2	0	0	0	2
19738	0	0	0	2	1	3
19739	0	0	2	0	0	2

19740	0	0	3	0	0	3
19741	0	2	0	0	0	2
19742	0	0	0	1	0	1
19743	0	0	0	1	0	1
19744	0	0	3	0	0	3
19745	0	4	0	0	2	6
19746	0	0	0	2	0	2
19747	1	0	1	0	0	2
19748	0	0	0	2	0	2
19749	0	0	0	2	0	2
19750	0	0	0	2	0	2
19751	1	0	1	0	0	2
19752	0	0	4	0	0	4
19753	0	0	2	0	0	2
19754	3	0	0	2	0	5
19755	1	0	1	0	2	4
19756	0	2	0	0	0	2
19757	0	1	0	0	0	1
19758	1	0	0	2	0	3
19759	0	0	1	0	1	2
19760	0	3	0	0	0	3
19761	0	3	0	0	0	3
19762	0	1	0	0	0	1
19763	1	0	2	0	0	3
19764	1	1	0	0	0	2
19765	4	0	0	1	0	5
19766	0	0	1	0	0	1
19767	0	2	0	0	0	2
19768	0	0	0	2	0	2
19769	0	0	1	0	0	1
19770	0	0	4	0	1	5
19771	0	0	0	1	0	1
19772	0	0	0	1	1	2
19773	0	0	1	0	0	1
19774	0	4	0	0	0	4
19775	3	0	4	0	0	7
19776	0	0	1	0	0	1
19777	1	2	0	0	0	3
19778	0	3	0	0	2	5
19779	2	4	0	0	0	6
19780	0	0	1	0	0	1
19781	0	1	0	0	2	3
19782	1	0	0	1	0	2
19783	0	0	0	2	2	4
19784	0	0	0	2	0	2
19785	1	0	0	2	2	5
19786	0	0	0	2	1	3

19787	0	0	1	0	0	1
19788	0	3	0	0	0	3
19789	0	0	1	0	0	1
19790	0	0	0	1	0	1
19791	0	0	0	2	2	4
19792	0	1	0	0	0	1
19793	0	1	0	0	0	1
19794	2	4	0	0	2	8
19795	0	0	0	2	0	2
19796	2	3	0	0	1	6
19797	0	1	0	0	0	1
19798	0	0	2	0	0	2
19799	0	1	0	0	0	1
19800	1	4	0	0	0	5
19801	0	1	0	0	0	1
19802	1	0	0	1	1	3
19803	0	0	0	2	0	2
19804	0	0	1	0	0	1
19805	1	3	0	0	2	6
19806	0	0	2	0	0	2
19807	0	0	0	2	0	2
19808	0	3	0	0	0	3
19809	0	0	0	2	0	2
19810	1	0	0	2	2	5
19811	1	1	0	0	0	2
19812	0	2	0	0	0	2
19813	0	0	0	2	1	3
19814	0	0	2	0	2	4
19815	3	0	1	0	0	4
19816	0	2	0	0	0	2
19817	1	2	0	0	0	3
19818	1	0	0	1	0	2
19819	0	0	1	0	0	1
19820	0	0	0	2	0	2
19821	0	0	0	1	0	1
19822	1	2	0	0	2	5
19823	0	0	0	2	0	2
19824	0	0	2	0	0	2
19825	4	0	2	0	0	6
19826	0	3	0	0	0	3
19827	0	0	0	1	0	1
19828	0	0	2	0	0	2
19829	2	1	0	0	0	3
19830	0	0	1	0	0	1
19831	1	0	0	2	0	3
19832	0	4	0	0	0	4
19833	0	4	0	0	0	4

19834	0	1	0	0	0	1
19835	1	1	0	0	0	2
19836	2	3	0	0	1	6
19837	0	3	0	0	0	3
19838	0	3	0	0	0	3
19839	0	1	0	0	0	1
19840	1	0	0	2	0	3
19841	0	4	0	0	0	4
19842	0	0	0	2	0	2
19843	0	0	0	2	0	2
19844	0	2	0	0	0	2
19845	0	4	0	0	0	4
19846	1	0	0	1	0	2
19847	0	3	0	0	0	3
19848	1	0	2	0	0	3
19849	1	0	0	2	0	3
19850	0	3	0	0	2	5
19851	0	0	0	2	1	3
19852	1	0	2	0	0	3
19853	0	0	3	0	0	3
19854	0	0	1	0	1	2
19855	0	0	2	0	0	2
19856	1	1	0	0	1	3
19857	0	0	1	0	2	3
19858	0	0	4	0	0	4
19859	2	1	0	0	0	3
19860	0	4	0	0	1	5
19861	0	0	1	0	1	2
19862	0	2	0	0	0	2
19863	0	3	0	0	0	3
19864	0	0	0	2	0	2
19865	0	0	2	0	0	2
19866	2	0	0	1	1	4
19867	0	3	0	0	0	3
19868	3	3	0	0	2	8
19869	0	1	0	0	1	2
19870	0	4	0	0	0	4
19871	1	0	0	2	0	3
19872	0	0	1	0	0	1
19873	0	0	2	0	1	3
19874	0	0	2	0	0	2
19875	0	0	0	2	0	2
19876	0	0	2	0	0	2
19877	1	0	0	2	0	3
19878	0	2	0	0	0	2
19879	0	2	0	0	0	2
19880	4	3	0	0	1	8

19881	0	1	0	0	1	2
19882	1	2	0	0	0	3
19883	1	3	0	0	0	4
19884	0	0	2	0	0	2
19885	0	3	0	0	0	3
19886	0	0	1	0	0	1
19887	0	3	0	0	0	3
19888	0	2	0	0	0	2
19889	0	0	0	2	1	3
19890	0	2	0	0	0	2
19891	0	0	1	0	0	1
19892	1	0	4	0	2	7
19893	0	2	0	0	0	2
19894	1	1	0	0	0	2
19895	0	3	0	0	0	3
19896	1	0	1	0	0	2
19897	0	2	0	0	1	3
19898	1	4	0	0	0	5
19899	0	0	2	0	2	4
19900	0	1	0	0	0	1
19901	1	0	1	0	0	2
19902	0	4	0	0	0	4
19903	0	0	0	1	1	2
19904	0	4	0	0	0	4
19905	0	3	0	0	0	3
19906	0	3	0	0	0	3
19907	0	3	0	0	0	3
19908	1	0	2	0	0	3
19909	0	0	1	0	1	2
19910	0	0	0	2	2	4
19911	0	4	0	0	0	4
19912	0	1	0	0	0	1
19913	0	3	0	0	0	3
19914	0	0	0	2	0	2
19915	0	0	0	1	2	3
19916	2	3	0	0	0	5
19917	0	4	0	0	0	4
19918	0	3	0	0	0	3
19919	1	0	1	0	0	2
19920	0	0	1	0	0	1
19921	0	0	0	1	0	1
19922	0	0	0	1	0	1
19923	1	4	0	0	1	6
19924	0	0	2	0	1	3
19925	0	1	0	0	0	1
19926	0	0	1	0	0	1
19927	0	0	0	2	0	2

19928	0	0	2	0	1	3
19929	0	0	2	0	0	2
19930	0	4	0	0	0	4
19931	0	0	2	0	1	3
19932	1	0	2	0	0	3
19933	0	0	2	0	0	2
19934	0	1	0	0	0	1
19935	0	2	0	0	0	2
19936	1	0	2	0	0	3
19937	0	2	0	0	0	2
19938	0	0	0	2	2	4
19939	1	0	2	0	1	4
19940	0	3	0	0	0	3
19941	0	0	3	0	0	3
19942	0	1	0	0	0	1
19943	0	1	0	0	0	1
19944	0	0	2	0	0	2
19945	0	0	1	0	0	1
19946	0	3	0	0	0	3
19947	0	1	0	0	2	3
19948	0	0	1	0	0	1
19949	2	3	0	0	2	7
19950	1	0	0	2	0	3
19951	0	0	2	0	1	3
19952	0	2	0	0	0	2
19953	1	0	1	0	0	2
19954	0	0	0	2	2	4
19955	0	0	1	0	2	3
19956	1	2	0	0	0	3
19957	0	0	2	0	0	2
19958	1	0	0	1	0	2
19959	0	4	0	0	0	4
19960	0	2	0	0	0	2
19961	0	0	2	0	0	2
19962	0	2	0	0	2	4
19963	0	2	0	0	0	2
19964	0	0	0	1	0	1
19965	0	0	1	0	0	1
19966	1	0	2	0	2	5
19967	0	0	2	0	0	2
19968	1	0	1	0	0	2
19969	0	0	0	2	0	2
19970	0	0	0	2	0	2
19971	0	0	0	1	2	3
19972	0	0	0	2	0	2
19973	0	0	2	0	1	3
19974	0	0	2	0	0	2

19975	0	0	2	0	0	2
19976	0	3	0	0	0	3
19977	1	1	0	0	0	2
19978	0	0	0	2	0	2
19979	3	3	0	0	0	6
19980	3	2	0	0	0	5
19981	0	0	1	0	0	1
19982	0	0	0	2	0	2
19983	0	0	0	1	1	2
19984	0	0	0	2	0	2
19985	0	1	0	0	0	1
19986	0	0	0	2	0	2
19987	0	0	1	0	0	1
19988	0	0	0	1	0	1
19989	0	0	0	2	0	2
19990	1	0	0	2	0	3
19991	0	2	0	0	0	2
19992	0	1	0	0	0	1
19993	0	1	0	0	0	1
19994	0	0	1	0	0	1
19995	0	0	2	0	0	2
19996	0	0	0	2	0	2
19997	0	4	0	0	0	4
19998	0	0	0	1	0	1
19999	0	0	2	0	0	2
20000	0	0	2	0	0	2
20001	0	4	0	0	0	4
20002	1	2	0	0	0	3
20003	0	1	0	0	0	1
20004	0	3	0	0	0	3
20005	0	0	0	2	2	4
20006	0	0	2	0	0	2
20007	0	3	0	0	0	3
20008	0	3	0	0	0	3
20009	0	0	0	2	0	2
20010	0	4	0	0	0	4
20011	0	0	0	2	2	4
20012	1	0	1	0	0	2
20013	0	2	0	0	2	4
20014	0	0	0	1	0	1
20015	0	0	0	2	2	4
20016	0	0	0	2	0	2
20017	0	3	0	0	0	3
20018	1	0	0	2	2	5
20019	0	3	0	0	0	3
20020	1	0	2	0	0	3
20021	0	0	0	2	0	2

20022	0	0	1	0	0	1
20023	0	0	1	0	0	1
20024	0	0	0	2	0	2
20025	0	0	1	0	1	2
20026	1	1	0	0	0	2
20027	0	0	0	2	0	2
20028	2	0	1	0	0	3
20029	1	0	0	2	2	5
20030	0	0	1	0	2	3
20031	0	0	2	0	0	2
20032	0	0	1	0	0	1
20033	0	4	0	0	0	4
20034	0	2	0	0	0	2
20035	0	2	0	0	0	2
20036	1	0	2	0	0	3
20037	0	0	2	0	0	2
20038	0	0	2	0	0	2
20039	1	3	0	0	0	4
20040	0	0	0	1	0	1
20041	0	2	0	0	0	2
20042	1	3	0	0	2	6
20043	0	1	0	0	0	1
20044	0	0	0	1	0	1
20045	0	3	0	0	0	3
20046	2	0	0	1	1	4
20047	0	3	0	0	2	5
20048	1	0	1	0	0	2
20049	1	2	0	0	0	3
20050	1	0	0	2	0	3
20051	0	1	0	0	0	1
20052	0	0	0	2	0	2
20053	1	0	0	1	0	2
20054	0	0	0	2	0	2
20055	2	0	0	1	0	3
20056	0	3	0	0	0	3
20057	0	0	0	2	0	2
20058	2	0	3	0	0	5
20059	1	0	2	0	0	3
20060	0	0	0	2	0	2
20061	0	0	0	2	0	2
20062	1	0	0	2	0	3
20063	0	2	0	0	0	2
20064	0	0	0	1	0	1
20065	3	2	0	0	0	5
20066	0	0	0	2	1	3
20067	0	0	1	0	0	1
20068	0	2	0	0	0	2

20069	0	0	2	0	0	2
20070	0	0	1	0	0	1
20071	0	3	0	0	0	3
20072	1	0	0	2	0	3
20073	0	3	0	0	1	4
20074	0	0	1	0	1	2
20075	0	0	3	0	0	3
20076	0	1	0	0	0	1
20077	3	0	0	2	0	5
20078	0	0	2	0	0	2
20079	1	0	2	0	0	3
20080	0	0	2	0	0	2
20081	0	2	0	0	0	2
20082	1	0	0	2	0	3
20083	0	1	0	0	0	1
20084	0	4	0	0	0	4
20085	0	3	0	0	0	3
20086	0	0	2	0	0	2
20087	0	0	2	0	0	2
20088	0	1	0	0	0	1
20089	0	4	0	0	0	4
20090	1	1	0	0	0	2
20091	0	3	0	0	0	3
20092	0	0	0	2	2	4
20093	0	3	0	0	0	3
20094	0	0	4	0	0	4
20095	0	0	1	0	1	2
20096	0	4	0	0	0	4
20097	2	3	0	0	0	5
20098	0	1	0	0	0	1
20099	0	0	2	0	1	3
20100	0	0	0	1	0	1
20101	0	4	0	0	0	4
20102	1	1	0	0	0	2
20103	0	4	0	0	1	5
20104	0	0	0	2	0	2
20105	0	0	1	0	0	1
20106	0	0	0	1	0	1
20107	2	4	0	0	0	6
20108	0	3	0	0	0	3
20109	2	0	0	2	1	5
20110	0	4	0	0	2	6
20111	0	4	0	0	0	4
20112	0	0	0	1	2	3
20113	0	0	0	2	0	2
20114	3	0	0	2	0	5
20115	0	0	1	0	0	1

20116	0	0	2	0	0	2
20117	0	0	1	0	0	1
20118	2	0	1	0	0	3
20119	2	0	1	0	0	3
20120	0	0	1	0	0	1
20121	0	4	0	0	0	4
20122	1	0	1	0	0	2
20123	0	4	0	0	0	4
20124	0	0	0	2	0	2
20125	0	0	0	2	0	2
20126	1	0	0	2	0	3
20127	0	0	1	0	0	1
20128	0	3	0	0	0	3
20129	1	0	1	0	0	2
20130	1	0	0	2	2	5
20131	1	0	0	1	0	2
20132	2	0	0	2	1	5
20133	0	0	2	0	1	3
20134	0	3	0	0	0	3
20135	1	0	2	0	0	3
20136	0	0	2	0	0	2
20137	0	0	0	2	0	2
20138	1	3	0	0	0	4
20139	0	0	0	2	0	2
20140	0	0	0	2	0	2
20141	3	0	0	2	0	5
20142	0	3	0	0	0	3
20143	1	4	0	0	0	5
20144	0	0	0	2	0	2
20145	0	1	0	0	0	1
20146	0	1	0	0	1	2
20147	0	0	0	1	0	1
20148	0	0	0	2	0	2
20149	0	0	2	0	1	3
20150	0	0	1	0	0	1
20151	0	0	1	0	0	1
20152	1	0	0	2	0	3
20153	0	1	0	0	0	1
20154	1	3	0	0	0	4
20155	1	0	0	2	0	3
20156	0	3	0	0	0	3
20157	0	0	0	2	0	2
20158	0	2	0	0	0	2
20159	0	0	1	0	0	1
20160	0	0	2	0	0	2
20161	0	3	0	0	0	3
20162	0	0	4	0	0	4

20163	4	0	0	2	0	6
20164	0	0	0	1	2	3
20165	0	3	0	0	0	3
20166	0	0	0	2	1	3
20167	0	0	0	2	0	2
20168	0	0	1	0	1	2
20169	0	0	0	2	0	2
20170	1	0	0	1	0	2
20171	0	1	0	0	0	1
20172	1	1	0	0	0	2
20173	0	3	0	0	2	5
20174	0	0	2	0	0	2
20175	0	0	0	2	0	2
20176	1	4	0	0	0	5
20177	0	0	0	2	0	2
20178	0	2	0	0	0	2
20179	0	3	0	0	0	3
20180	0	0	1	0	0	1
20181	1	0	0	2	0	3
20182	0	0	0	1	2	3
20183	0	0	0	2	1	3
20184	0	0	2	0	0	2
20185	0	4	0	0	0	4
20186	0	0	2	0	0	2
20187	0	4	0	0	0	4
20188	1	0	0	2	1	4
20189	0	0	2	0	2	4
20190	0	0	1	0	0	1
20191	0	0	0	2	2	4
20192	0	0	0	2	0	2
20193	0	1	0	0	2	3
20194	0	4	0	0	2	6
20195	0	1	0	0	1	2
20196	0	0	0	2	0	2
20197	0	4	0	0	0	4
20198	0	0	0	2	0	2
20199	0	0	1	0	0	1
20200	0	4	0	0	0	4
20201	0	0	0	1	2	3
20202	0	0	0	1	1	2
20203	0	3	0	0	0	3
20204	0	0	2	0	0	2
20205	0	2	0	0	0	2
20206	0	3	0	0	0	3
20207	0	2	0	0	1	3
20208	0	0	2	0	0	2
20209	0	0	1	0	0	1

20210	1	3	0	0	0	4
20211	1	0	0	2	0	3
20212	0	0	0	2	0	2
20213	0	0	0	2	0	2
20214	0	4	0	0	0	4
20215	0	1	0	0	0	1
20216	0	3	0	0	0	3
20217	0	0	2	0	0	2
20218	0	1	0	0	0	1
20219	0	0	0	2	0	2
20220	0	0	2	0	0	2
20221	0	0	0	2	0	2
20222	2	0	2	0	0	4
20223	0	2	0	0	2	4
20224	0	0	0	1	0	1
20225	0	0	0	1	0	1
20226	0	0	0	2	2	4
20227	0	0	0	1	2	3
20228	0	0	1	0	0	1
20229	1	0	0	1	0	2
20230	1	1	0	0	0	2
20231	0	0	0	2	0	2
20232	0	2	0	0	0	2
20233	2	0	1	0	0	3
20234	0	0	0	1	0	1
20235	1	1	0	0	0	2
20236	1	0	3	0	0	4
20237	0	0	0	1	0	1
20238	0	0	2	0	1	3
20239	0	0	0	2	0	2
20240	0	0	2	0	2	4
20241	0	4	0	0	0	4
20242	2	0	1	0	1	4
20243	0	1	0	0	0	1
20244	0	0	0	1	0	1
20245	0	4	0	0	0	4
20246	2	1	0	0	0	3
20247	0	0	1	0	0	1
20248	0	0	0	2	2	4
20249	0	4	0	0	0	4
20250	0	0	2	0	1	3
20251	0	0	2	0	0	2
20252	0	0	1	0	0	1
20253	1	0	0	1	1	3
20254	1	0	0	2	0	3
20255	0	0	1	0	2	3
20256	0	0	0	1	0	1

20257	0	4	0	0	0	4
20258	0	0	1	0	1	2
20259	0	1	0	0	0	1
20260	1	3	0	0	0	4
20261	0	0	2	0	1	3
20262	1	0	2	0	0	3
20263	0	0	1	0	0	1
20264	0	0	3	0	0	3
20265	0	4	0	0	0	4
20266	1	1	0	0	0	2
20267	0	0	2	0	0	2
20268	0	0	0	2	0	2
20269	0	0	0	1	1	2
20270	0	3	0	0	0	3
20271	1	1	0	0	0	2
20272	1	0	2	0	0	3
20273	0	4	0	0	0	4
20274	0	2	0	0	0	2
20275	3	0	1	0	2	6
20276	4	0	0	1	0	5
20277	2	0	1	0	0	3
20278	2	4	0	0	2	8
20279	0	0	0	2	2	4
20280	0	0	0	2	0	2
20281	0	0	1	0	0	1
20282	0	0	1	0	1	2
20283	1	3	0	0	0	4
20284	0	3	0	0	0	3
20285	0	0	2	0	0	2
20286	0	0	0	1	1	2
20287	1	0	0	1	0	2
20288	0	2	0	0	0	2
20289	3	2	0	0	0	5
20290	0	0	3	0	0	3
20291	0	2	0	0	0	2
20292	1	2	0	0	0	3
20293	0	0	0	2	0	2
20294	1	0	2	0	1	4
20295	0	0	0	2	0	2
20296	0	0	2	0	0	2
20297	0	0	0	1	0	1
20298	0	0	1	0	0	1
20299	0	0	0	2	0	2
20300	0	2	0	0	0	2
20301	0	0	0	2	2	4
20302	0	0	2	0	1	3
20303	0	2	0	0	0	2

20304	0	0	1	0	0	1
20305	0	2	0	0	0	2
20306	3	0	1	0	1	5
20307	1	4	0	0	0	5
20308	0	0	0	2	0	2
20309	1	3	0	0	1	5
20310	0	0	1	0	0	1
20311	0	2	0	0	0	2
20312	0	0	0	2	0	2
20313	0	0	0	2	1	3
20314	0	0	0	2	0	2
20315	0	0	2	0	0	2
20316	0	0	1	0	0	1
20317	0	0	0	1	0	1
20318	0	2	0	0	0	2
20319	0	4	0	0	0	4
20320	0	0	2	0	0	2
20321	0	0	3	0	2	5
20322	0	0	2	0	0	2
20323	0	0	1	0	0	1
20324	1	0	0	1	0	2
20325	0	0	0	2	0	2
20326	0	0	0	2	0	2
20327	0	0	0	2	0	2
20328	0	1	0	0	0	1
20329	2	3	0	0	0	5
20330	0	0	2	0	0	2
20331	0	1	0	0	0	1
20332	0	2	0	0	1	3
20333	2	0	2	0	0	4
20334	0	0	2	0	0	2
20335	0	0	0	1	0	1
20336	0	0	1	0	0	1
20337	1	4	0	0	0	5
20338	0	4	0	0	0	4
20339	0	0	0	1	2	3
20340	0	0	1	0	0	1
20341	0	0	0	2	0	2
20342	1	1	0	0	0	2
20343	0	4	0	0	0	4
20344	0	3	0	0	0	3
20345	0	2	0	0	0	2
20346	1	0	0	2	0	3
20347	0	0	0	1	0	1
20348	0	0	1	0	0	1
20349	0	4	0	0	0	4
20350	1	1	0	0	0	2

20351	1	0	0	2	0	3
20352	4	0	0	2	0	6
20353	2	0	0	2	0	4
20354	0	3	0	0	0	3
20355	0	0	0	2	2	4
20356	0	0	4	0	0	4
20357	1	0	0	2	0	3
20358	0	3	0	0	0	3
20359	0	2	0	0	0	2
20360	0	0	0	1	0	1
20361	0	4	0	0	0	4
20362	0	0	1	0	0	1
20363	0	2	0	0	0	2
20364	1	0	0	2	0	3
20365	1	3	0	0	0	4
20366	1	2	0	0	0	3
20367	1	4	0	0	0	5
20368	0	0	0	2	0	2
20369	0	0	0	2	0	2
20370	0	0	0	1	0	1
20371	0	0	1	0	0	1
20372	1	1	0	0	0	2
20373	1	0	0	1	0	2
20374	0	0	1	0	0	1
20375	0	3	0	0	0	3
20376	0	2	0	0	0	2
20377	0	0	2	0	0	2
20378	0	1	0	0	0	1
20379	0	0	0	2	0	2
20380	0	0	0	2	2	4
20381	0	1	0	0	1	2
20382	3	0	0	2	0	5
20383	0	0	4	0	0	4
20384	2	0	1	0	0	3
20385	0	0	2	0	0	2
20386	0	0	2	0	0	2
20387	0	0	2	0	0	2
20388	0	0	2	0	0	2
20389	1	3	0	0	0	4
20390	0	4	0	0	2	6
20391	0	3	0	0	2	5
20392	0	3	0	0	0	3
20393	2	2	0	0	0	4
20394	1	0	0	1	0	2
20395	0	0	1	0	0	1
20396	3	0	0	2	1	6
20397	0	4	0	0	0	4

20398	0	0	2	0	0	2
20399	3	0	0	2	0	5
20400	0	2	0	0	0	2
20401	1	0	0	2	0	3
20402	0	4	0	0	0	4
20403	0	0	0	1	0	1
20404	0	4	0	0	0	4
20405	1	0	0	2	0	3
20406	2	1	0	0	0	3
20407	2	4	0	0	0	6
20408	0	4	0	0	0	4
20409	0	0	0	1	0	1
20410	2	0	1	0	0	3
20411	0	3	0	0	0	3
20412	4	0	2	0	0	6
20413	0	0	0	1	0	1
20414	0	0	0	1	0	1
20415	1	2	0	0	0	3
20416	1	0	1	0	1	3
20417	0	0	0	2	2	4
20418	0	3	0	0	0	3
20419	1	2	0	0	0	3
20420	0	2	0	0	0	2
20421	1	1	0	0	0	2
20422	2	2	0	0	2	6
20423	2	0	0	2	0	4
20424	0	0	2	0	0	2
20425	1	0	0	1	0	2
20426	0	2	0	0	0	2
20427	0	0	1	0	0	1
20428	0	3	0	0	0	3
20429	2	4	0	0	0	6
20430	0	0	0	2	0	2
20431	0	2	0	0	0	2
20432	3	0	2	0	0	5
20433	0	1	0	0	0	1
20434	0	0	1	0	2	3
20435	0	4	0	0	0	4
20436	0	2	0	0	1	3
20437	0	0	0	2	1	3
20438	0	0	1	0	0	1
20439	1	0	2	0	0	3