test

101	1,101	(101,1,0,fam11 3)(101,2,1,G)(101,3,2,G)(101,4,1,G)(101,5,1,G)(101,6,5,G)(101,7,3,G)(101,8,5,G)(101,9,2,G)(101,10,1,G)(101,11,2,(
		(101,1,0,3)(101,2,1,0)(101,3,2,0)(101,4,1,0)(101,5,1,0)(101,6,5,0)(101,7,3,0)(101,8,5,0)(101,9,2,0)(101,10,1,0)(101,11,2,0)(101,12,
7	1,7	(7,1,0,2)(7,2,1,0)(7,3,1,0)(7,4,3,0)(7,5,2,0)(7,6,1,0)(7,7,0,2)
8	1,2,4,8	(8,1,0,0)(8,2,0,0)(8,3,2,0)(8,4,0,0)(8,5,3,0)(8,6,2,0)(8,7,1,0)(8,8,0,0)
9	1,3,9	(9,1,0,0)(9,2,1,0)(9,3,0,0)(9,4,1,0)(9,5,4,0)(9,6,3,0)(9,7,2,0)(9,8,1,0)(9,9,0,0)
10	1,2,5,10	(10,1,0,0)(10,2,0,0)(10,3,1,0)(10,4,2,0)(10,5,0,0)(10,6,4,0)(10,7,3,0)(10,8,2,0)(10,9,1,0)(10,10,0,0)
11	1,11	(11,1,0,3)(11,2,1,0)(11,3,2,0)(11,4,3,0)(11,5,1,0)(11,6,5,0)(11,7,4,0)(11,8,3,0)(11,9,2,0)(11,10,1,0)(11,11,0,3)
12	1,2,3,4,6,12	(12,1,0,0)(12,2,0,0)(12,3,0,0)(12,4,0,0)(12,5,2,0)(12,6,0,0)(12,7,5,0)(12,8,4,0)(12,9,3,0)(12,10,2,0)(12,11,1,0)(12,12,0,0)
13	1,13	(13,1,0,4)(13,2,1,0)(13,3,1,0)(13,4,1,0)(13,5,3,0)(13,6,1,0)(13,7,6,0)(13,8,5,0)(13,9,4,0)(13,10,3,0)(13,11,2,0)(13,12,1,0)(13,13,0,4
14	1,2,7,14	(14,1,0,0)(14,2,0,0)(14,3,2,0)(14,4,2,0)(14,5,4,0)(14,6,2,0)(14,7,0,0)(14,8,6,0)(14,9,5,0)(14,10,4,0)(14,11,3,0)(14,12,2,0)(14,13,1,0
15	1,3,5,15	(15,1,0,0)(15,2,1,0)(15,3,0,0)(15,4,3,0)(15,5,0,0)(15,6,3,0)(15,7,1,0)(15,8,7,0)(15,9,6,0)(15,10,5,0)(15,11,4,0)(15,12,3,0)(15,13,2,0
16	1,2,4,8,16	(16,1,0,0)(16,2,0,0)(16,3,1,0)(16,4,0,0)(16,5,1,0)(16,6,4,0)(16,7,2,0)(16,8,0,0)(16,9,7,0)(16,10,6,0)(16,11,5,0)(16,12,4,0)(16,13,3,0
17	1,17	(17,1,0,5)(17,2,1,0)(17,3,2,0)(17,4,1,0)(17,5,2,0)(17,6,5,0)(17,7,3,0)(17,8,1,0)(17,9,8,0)(17,10,7,0)(17,11,6,0)(17,12,5,0)(17,13,4,0
18	1,2,3,6,9,18	(18,1,0,0)(18,2,0,0)(18,3,0,0)(18,4,2,0)(18,5,3,0)(18,6,0,0)(18,7,4,0)(18,8,2,0)(18,9,0,0)(18,10,8,0)(18,11,7,0)(18,12,6,0)(18,13,5,0
19	1,19	(19,1,0,6)(19,2,1,0)(19,3,1,0)(19,4,3,0)(19,5,4,0)(19,6,1,0)(19,7,5,0)(19,8,3,0)(19,9,1,0)(19,10,9,0)(19,11,8,0)(19,12,7,0)(19,13,6,0
20	1,2,4,5,10,20	(20,1,0,0)(20,2,0,0)(20,3,2,0)(20,4,0,0)(20,5,0,0)(20,6,2,0)(20,7,6,0)(20,8,4,0)(20,9,2,0)(20,10,0,0)(20,11,9,0)(20,12,8,0)(20,13,7,0
21	1,3,7,21	(21,1,0,0)(21,2,1,0)(21,3,0,0)(21,4,1,0)(21,5,1,0)(21,6,3,0)(21,7,0,0)(21,8,5,0)(21,9,3,0)(21,10,1,0)(21,11,10,0)(21,12,9,0)(21,13,8,(
22	1,2,11,22	(22,1,0,0)(22,2,0,0)(22,3,1,0)(22,4,2,0)(22,5,2,0)(22,6,4,0)(22,7,1,0)(22,8,6,0)(22,9,4,0)(22,10,2,0)(22,11,0,0)(22,12,10,0)(22,13,9,(
23	1,23	(23,1,0,7)(23,2,1,0)(23,3,2,0)(23,4,3,0)(23,5,3,0)(23,6,5,0)(23,7,2,0)(23,8,7,0)(23,9,5,0)(23,10,3,0)(23,11,1,0)(23,12,11,0)(23,13,1(
24	1,2,3,4,6,8,12,24	(24,1,0,0)(24,2,0,0)(24,3,0,0)(24,4,0,0)(24,5,4,0)(24,6,0,0)(24,7,3,0)(24,8,0,0)(24,9,6,0)(24,10,4,0)(24,11,2,0)(24,12,0,0)(24,13,11,(
25	1,5,25	(25,1,0,0)(25,2,1,0)(25,3,1,0)(25,4,1,0)(25,5,0,0)(25,6,1,0)(25,7,4,0)(25,8,1,0)(25,9,7,0)(25,10,5,0)(25,11,3,0)(25,12,1,0)(25,13,12,(
26	1,2,13,26	(26,1,0,0)(26,2,0,0)(26,3,2,0)(26,4,2,0)(26,5,1,0)(26,6,2,0)(26,7,5,0)(26,8,2,0)(26,9,8,0)(26,10,6,0)(26,11,4,0)(26,12,2,0)(26,13,0,0
27	1,3,9,27	(27,1,0,0)(27,2,1,0)(27,3,0,0)(27,4,3,0)(27,5,2,0)(27,6,3,0)(27,7,6,0)(27,8,3,0)(27,9,0,0)(27,10,7,0)(27,11,5,0)(27,12,3,0)(27,13,1,0
28	1,2,4,7,14,28	(28,1,0,0)(28,2,0,0)(28,3,1,0)(28,4,0,0)(28,5,3,0)(28,6,4,0)(28,7,0,0)(28,8,4,0)(28,9,1,0)(28,10,8,0)(28,11,6,0)(28,12,4,0)(28,13,2,0
29	1,29	(29,1,0,8)(29,2,1,0)(29,3,2,0)(29,4,1,0)(29,5,4,0)(29,6,5,0)(29,7,1,0)(29,8,5,0)(29,9,2,0)(29,10,9,0)(29,11,7,0)(29,12,5,0)(29,13,3,0
30	1,2,3,5,6,10,15,30	(30,1,0,0)(30,2,0,0)(30,3,0,0)(30,4,2,0)(30,5,0,0)(30,6,0,0)(30,7,2,0)(30,8,6,0)(30,9,3,0)(30,10,0,0)(30,11,8,0)(30,12,6,0)(30,13,4,0
31	1,31	(31,1,0,1)(31,2,1,0)(31,3,1,0)(31,4,3,0)(31,5,1,0)(31,6,1,0)(31,7,3,0)(31,8,7,0)(31,9,4,0)(31,10,1,0)(31,11,9,0)(31,12,7,0)(31,13,5,0
32	1,2,4,8,16,32	(32,1,0,0)(32,2,0,0)(32,3,2,0)(32,4,0,0)(32,5,2,0)(32,6,2,0)(32,7,4,0)(32,8,0,0)(32,9,5,0)(32,10,2,0)(32,11,10,0)(32,12,8,0)(32,13,6,(