Heads matching relation case

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0	0	8	51	0	0	0	0	0	2	18	0	0	0	1	51	0
1	24	2	3	0	0	0	0	0	0	4	0	2	20	0	5	0
2	3	6	18	0	17	1	0	0	1	8	0	9	0	1	13	0
3	9	0	8	0	0	1	0	0	0	0	0	49	0	13	0	5
4	3	0	35	0	2	0	3	1	0	0	0	0	0	2	26	3
5	0	0	0	13	2	0	35	0	0	25	0	0	9	0	0	0
6	2	0	9	0	0	2	14	15	0	3	0	0	12	0	13	0
7	0	0	1	0	14	0	1	0	0	12	0	0	0	7	0	2
8	0	0	1	0	5	0	0	39	5	0	0	6	6	0	0	1
9	0	5	0	0	3	0	0	0	0	1	5	1	5	19	0	0
10	0	5	6	8	42	2	1	0	2	0	0	0	3	0	1	14
11	27	0	0	0	2	0	0	0	12	0	2	0	0	0	2	0
12	5	6	4	1	8	0	0	0	0	0	0	0	1	10	1	0
13	1	0	0	9	0	0	0	0	23	0	0	0	0	0	3	0
14	0	1	30	0	0	0	23	3	1	0	28	38	0	0	0	0
15	26	23	0	0	2	2	6	7	9	20	0	0	3	0	10	0
16	1	5	8	0	19	4	0	1	0	1	0	1	0	0	0	0
17	0	0	1	1	0	0	9	0	0	0	7	1	6	0	1	23
18	0	4	1	6	2	4	8	6	1	1	0	0	9	0	5	9
19	6	6	9	18	7	0	1	4	0	1	0	0	0	9	11	4
20	45	9	7	7	6	3	1	7	0	6	1	3	3	0	4	4
21	12	0	0	8	2	2	1	8	14	1	9	6	7	3	8	10
22	0	16	17	11	0	12	15	0	0	13	1	1	8	13	16	10
23	6	0	2	0	0	0	20	0	0	0	0	1	7	7	1	0
24	0	0	35	14	7	18	7	7	0	0	0	0	3	0	2	1
25	0	18	12	1	0	4	0	9	1	6	5	0	0	0	0	0
26	0	1	10	5	1	6	0	0	0	3	0	1	0	12	0	0
27	0	0	9	0	1	0	0	0	0	15	0	0	1	0	2	3
28	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	2	3	0	0	0	1	0	0	6	2
30	0	0	11	0	0	0	3	0	0	0	0	0	0	0	1	0
31	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0
32	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0
33	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
38	0	1	0	0	0	2	0	0	0	0	0	0	0	0	4	0
39	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0
40	0	0	0	4	0	0	0	0	0	0	3	0	0	21	0	0
41	9	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0