

	0	1	2	3	4	5	6	7	8	9	10
0	1	0	0	0	0	0	0	0	0	0	0
2	1	0	1	0	0	0	0	0	0	0	0
4	1	0	1	0	1	0	1	0	0	0	0
5	1	0	1	0	1	1	1	0	1	0	
6	1	0	1	0	1	1	1	1	1	1	
9	1	0	1	0	1	1	1	1	1	1	
										1	

$10 = 6 + 4$