

Binary Numbers

Number	Binary
1	0001
2	0010
3	0011
4	0100
5	0101
6	0110
7	0111
8	1000
9	1001
10	1010
11	1011
12	1100
13	1101
14	1110
15	1111

Card 4	
Number	Binary
8	1 0 0 0
9	1 0 0 1
10	1 0 1 0
11	1 0 1 1
12	1 1 0 0
13	1 1 0 1
14	1 1 1 0
15	1 1 1 1

Card 3	
Number	Binary
2	0 0 1 0
3	0 0 1 1
6	0 1 1 0
7	0 1 1 1
10	1 0 1 0
11	1 0 1 1
14	1 1 1 0
15	1 1 1 1

Card 2	
Number	Binary
4	0 1 0 0
5	0 1 0 1
6	0 1 1 0
7	0 1 1 1
12	1 1 0 0
13	1 1 0 1
14	1 1 1 0
15	1 1 1 1

Card 1	
Number	Binary
1	0 0 0 1
3	0 0 1 1
5	0 1 0 1
7	0 1 1 1
9	1 0 0 1
11	1 0 1 1
13	1 1 0 1
15	1 1 1 1

Place Value	8	4	2	1
8 =	1	0	0	0