

	1-bit	2-bit	3-bit	4-bit
1	0	00	000	0000
2	1	01	001	0001
3		10	010	0010
4		11	011	0011
5			100	0100
6			101	0101
7			110	0110
8			111	0111
9				1000
10				1001
11				1010
12				1011
13				1100
14				1101
15				1110
16				1111

Number of bits	Minimum	Maximum	Number of combinations
5	00000	11111	32
6	000000	111111	64
7	0000000	1111111	128
8	00000000	11111111	256

Bytes	Bits	Number of combinations
1	8	256
2	16	65,536
3	24	16,777,216
4	32	4,294,967,296
5	40	1,099,511,627,776
6	48	281,474,976,710,656
7	56	72,057,594,037,927,900
8	64	18,446,744,073,709,600,000