

1 bit

0 = 0

1 = 1

2 bits

00 = 0

01 = 1

10 = 2

11 = 3

3 bits

000 = 1

001 = 2

010 = 3

011 = 4

100 = 5

101 = 6

110 = 7

111 = 8

4 bits

0000 = 1 1000 = 9

0001 = 2 1001 = 10

0010 = 3 1010 = 11

0011 = 4 1011 = 12

0100 = 5 1100 = 13

0101 = 6 1101 = 14

0110 = 7 1110 = 15

0111 = 8 1111 = 16