

# **Understanding Binary**

## The language of computers

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# What is Binary?

- Binary is the language of computers
- Written using only 1s and 0s
- Each digit (1 or 0) is called a bit
- 4 bits is a nibble
- 2 nibbles is a byte

# How does it work?

128	64	32	16	8	4	2	1
0	1	0	1	1	0	0	1

$$1 + 8 + 16 + 64 = \underline{89}$$

There is no need to calculate the binary numbers  
for bingo as the normal ones will be shown

**BINARY BINGO  
TIME!!!**