Binary numbers

- Everything inside a computer has to be stored as numbers

- The numbers can only be 0s or 1s

- Digits are combined to store bigger numbers

- This system is called **Binary numbers**

Binary numbers

8s	4s	2s	1s

Binary numbers

8s	4s	2s	1s
0	1	1	0

No 8
One 4
One 2
No 1

= 4 + 2 = 6

Binary numbers

- Binary numbers only use 1s and 0s
- Each individual number is called a **bit**
- With 4 bits you can make any number from 0 to 15

8s	4s	2s	1s
1	1	1	1

Binary numbers

- 8 binary bits together is called a Byte
- With 8 bits you can make any number from 0 to 255

128	64	32	16	8	4	2	1