



Decimals

100

10

1

$10^2$

$10^1$

$10^0$

**7**

**2**

**6**

6

100

10

1

$10^2$

$10^1$

$10^0$

**7**

**2**

**6**

6

20

100

10

1

$10^2$

$10^1$

$10^0$

**7**

**2**

**6**

6

20

700

# Decimal numbers

100

10

1

$10^2$

$10^1$

$10^0$

**7**

**2**

**6**

6

20

700

# Binary numbers

|          |          |          |  |          |          |          |          |          |
|----------|----------|----------|--|----------|----------|----------|----------|----------|
| 100      | 10       | 1        |  | 16       | 8        | 4        | 2        | 1        |
| $10^2$   | $10^1$   | $10^0$   |  | $2^4$    | $2^3$    | $2^2$    | $2^1$    | $2^0$    |
| <b>7</b> | <b>2</b> | <b>6</b> |  | <b>1</b> | <b>0</b> | <b>1</b> | <b>1</b> | <b>0</b> |
|          |          | 6        |  |          |          |          |          |          |
|          | 20       |          |  |          |          |          |          |          |
| 700      |          |          |  |          |          |          |          |          |