

# Linear Measure

The standard unit used for the measurement of length is the *metre*

Large unit  small unit

km	m	cm	mm
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## Conversion

1 kilometre	1,000 metres
1 metre	100 centimetres
1 metre	1000 millimetres
1 centimetre	10 millimetres

## Conversion Rules

Large unit  Small unit

*Multiply* by the unit converter

Eg. 3m to cm =  $3 \times 100 = 300$  cm

*\*the unit converter is the number of “small units” in the large unit. Above:  $100\text{cm} = 1\text{m}$*

Small unit  $\longrightarrow$  Large unit

*Divide* by the unit converter

Eg. 4000 m to km =  $4000 \div 1000 = 4\text{km}$

*\*the unit converter is the number of “small units” in the large unit. Above:  $1000\text{m}=1\text{km}$*

## Perimeter

Perimeter (P) is the distance around a shape.

Rectangle

$$P = (L+B) \times 2$$

L

$$L = (P \div 2) - B$$

$$B = (P \div 2) - L$$

B

Square

S

$$P = S \times 4$$

S

$$S = P \div 4$$