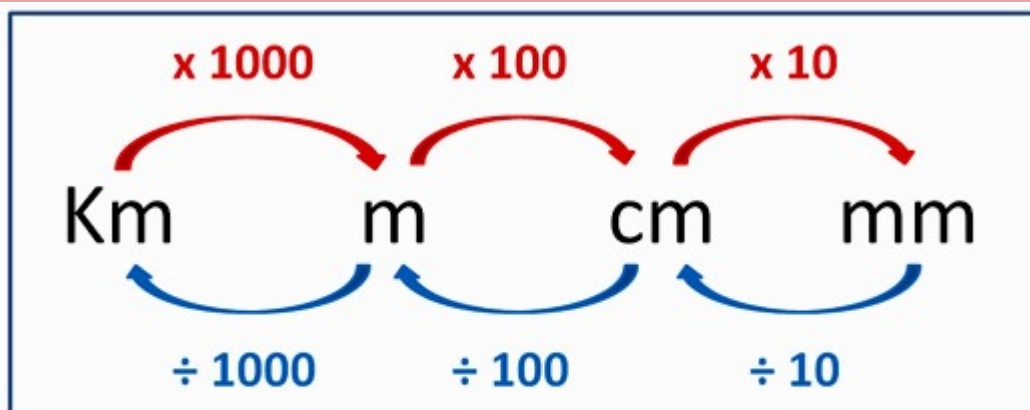


Conversion diagram: Metric units of length



5km = ? m **Need to x 1000**

5 x 1000 = 5000m ✓

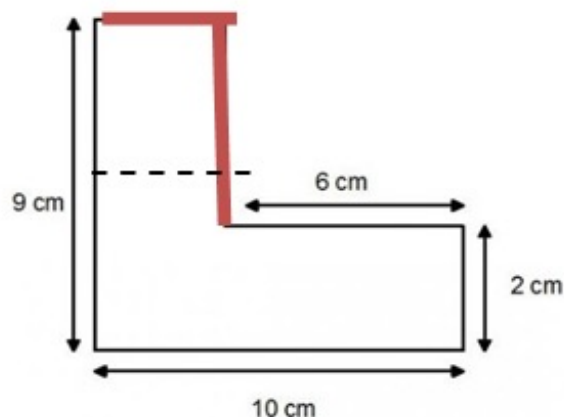
120cm = ? m **Need to ÷ 100**

120 ÷ 100 = 1.2m ✓

Example of how to calculate perimeter when there are missing lengths:

To find missing lengths: 10cm — 6cm = 4cm

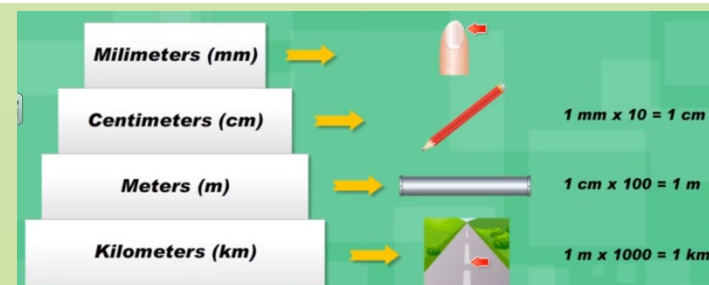
9cm — 2cm = 7cm



$$4\text{cm} + 7\text{cm} + 6\text{cm} + 2\text{cm} + 10\text{cm} + 9\text{cm} = 38\text{cm}$$

4. Key Vocabulary

Metric units of length



Imperial units of length

Symbol	
in or "	inch
ft or '	foot = 12 in
yd	yard = 3 ft
mi	statute mile = 1 760 yd

Square number

- A number that is the product of a digit being multiplied by itself.
- For example: 9 is a **square number** as it is the product of 3 x 3 (3 x 3 = 9)

Perimeter

- The measurement all the way around a 2D shape
- (The perimeter of a circle is known as the *circumference*)
- Calculated by adding the measurements of each side of the shape together (or multiplying the length of the side by the number of sides, when working with regular shapes)

Area

- The measurement of the space within a 2D shape
- Measured in square units such as centimetres squared (cm²) or metres squared (m²)
- Calculation example: L x W = A (rectangle)

Composite shape

A shape of figure that can be divided into separate basic shapes of figures