

Key Vocabulary

length

perimeter

measure

rectilinear

millimetres

centimetres

metres

kilometres

decimal notation

decimal place

estimate

compare

Kilometres

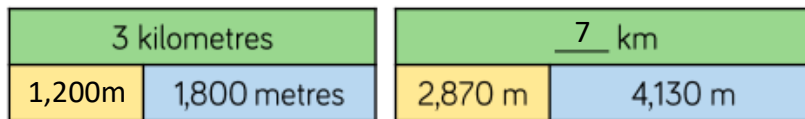
We can multiply and divide by 1000 to convert kilometres into metres and vice versa. **Convert** means change the measurement

1km = 1,000m

3,000m = 3km

500m = 0.5km or $\frac{1}{2}$ km

7,500m = 7.5km or $7\frac{1}{2}$ km



3km = 3000m

3000 – 1,800 = 1,200m

4,130 + 2,870 = 7000m

7000m = 7km

Convert between measures

1 centimetre (cm) = 10 millimetres (mm)

1 metre (m) = 100 centimetres (cm)

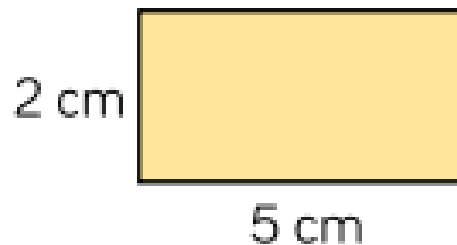
1 kilometre (km) = 1000 metres (m)



Find the perimeter

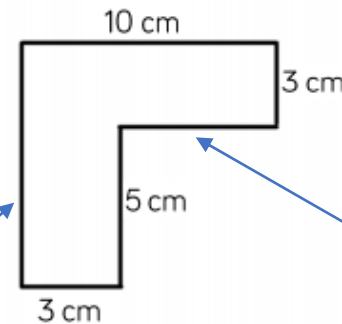
A **rectilinear** shape is a 2D shape with straight sides and all sides meet at **right angles**.

Perimeter is the total distance around the outside of a 2D shape



$$\text{Perimeter} = 2\text{cm} + 5\text{cm} + 2\text{cm} + 5\text{cm} = 14\text{cm}$$

This side has a missing length. We can look at the opposite side to find the length - $3\text{cm} + 5\text{cm} = 8\text{cm}$



This side has a missing length. We can use the lengths we do know to work it out. $10\text{cm} - 3\text{cm} = 7\text{cm}$

$$\text{Perimeter} = 10\text{cm} + 8\text{cm} + 3\text{cm} + 5\text{cm} + 7\text{cm} + 3\text{cm} = 36\text{cm}$$