Year 4 Maths – Spring Term 2 – Length and perimeter
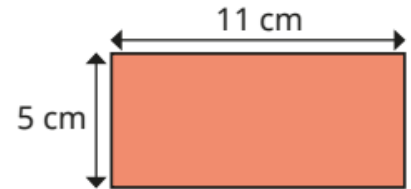
Measurement vocabulary

Measure	Perimeter
Estimate	Calculate
New Vocabulary	
Rectilinear	Convert
	Conversion

Perimeter

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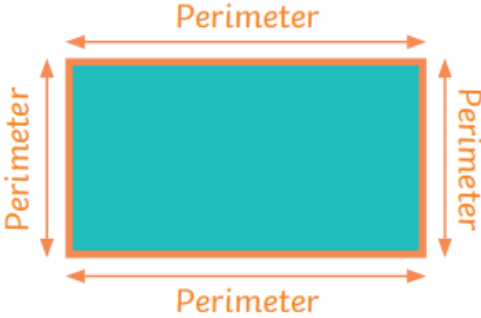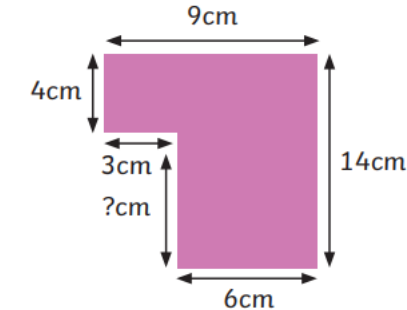

Perimeter of rectangles

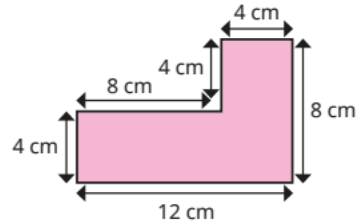## Find missing lengths in rectilinear shapes
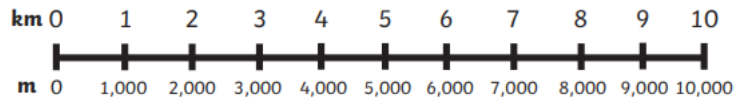
The missing side is 10cm because 10 + 4 = 14.

Perimeter = 9 + 14 + 6 + 10 + 3 + 4 = 46cm.

Calculating perimeter of rectilinear shapes

Measure in km and m

km	1 **kilometre** = 1000 **metres**
m	1 **metre** = 100 **centimetres**
cm	1 **centimetre** = 10 **millimetres**
mm	

Equivalent lengths (km and m)

5km	
1300m	3700m

Distance between two cities	m (km)
Length of garden	(m) km

Perimeter of polygons

perimeter of regular polygons = number of sides × length of one side

5 × 4 = 20cm

3 × 8cm = 24cm

6 × 6 = 36cm