

Units of length

Name _____

1 Complete this fact:

1 m = 100 cm

You will need to have a ruler handy for this test.



CHECK

2 Fill the gaps using cm or m:

a Becca is 112 cm tall.

b Tom lives 50 m from school.

c Her hair ribbon was 12 cm long.

d The pool is 2 m deep.

3 Convert these metres to centimetres:

a 7 m = 700 cm

b 2 m = 200 cm

c 10 m = 1 000 cm

4 Convert these centimetres to metres:

a 100 cm = 1 m

b 500 cm = 5 m

c 300 cm = 3 m

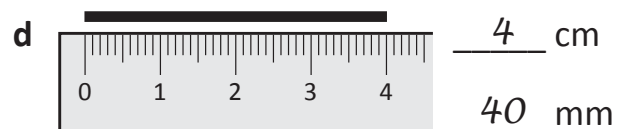
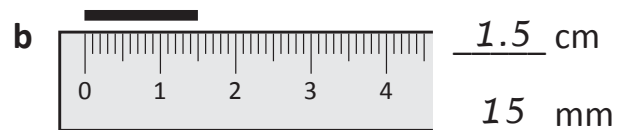
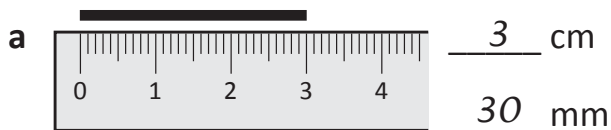
5 Write these lengths in centimetres:

a 2 m 36 cm = 236 cm

b 5 m 16 cm = 516 cm

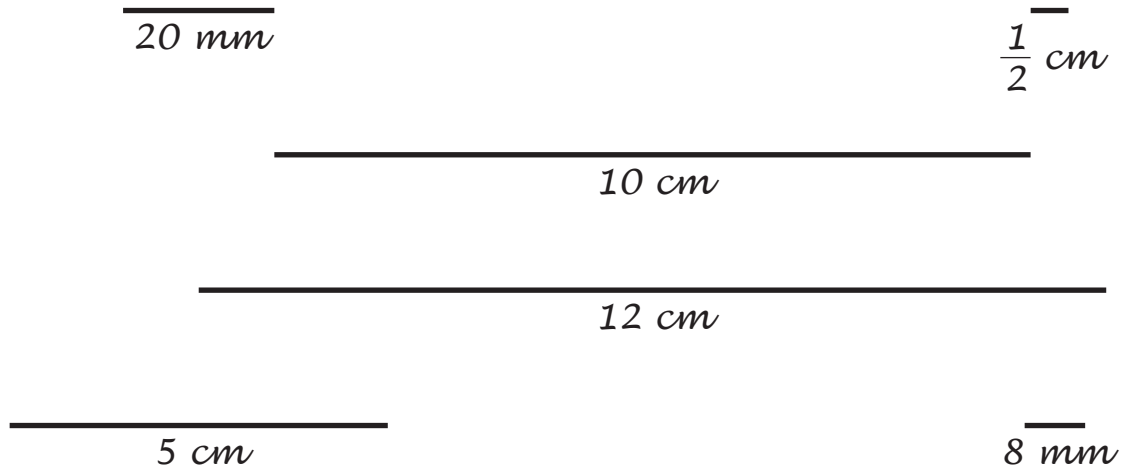
c 1 m 9 cm = 109 cm

6 Record the length of each line in centimetres and millimetres:



Skills	Not yet	Kind of	Got it
• Measures lengths or distances using centimetres and metres			
• Converts between metres and centimetres			
• Converts between centimetres and millimetres			

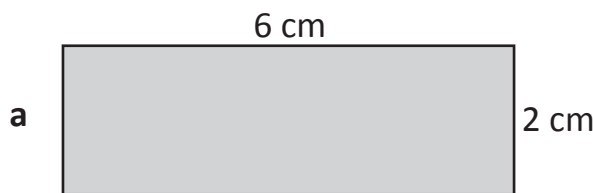
- 7 For this question, you need a ruler. Create your own design made of only straight lines. It should include these lengths: 20 mm, $\frac{1}{2}$ cm, 10 cm, 12 cm, 5 cm and 8 mm. Label each line.



- 8 What is a perimeter?

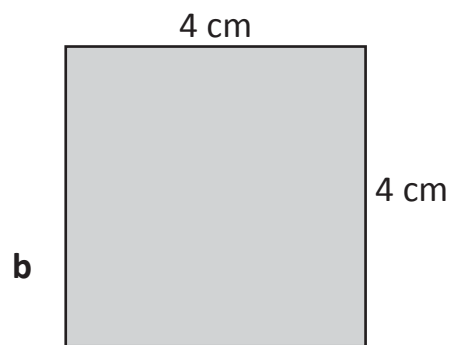
Perimeter is the total length around the outside of an enclosed space.

- 9 Find the perimeters of these shapes.



$$P = \underline{6} + \underline{2} + \underline{6} + \underline{2}$$

$$= \underline{16} \text{ cm}$$



$$P = \underline{4} + \underline{4} + \underline{4} + \underline{4}$$

$$= \underline{16} \text{ cm}$$

Skills	Not yet	Kind of	Got it
• Defines the term 'perimeter'			
• Measures the perimeter of rectangles and squares			