GEOMETRY · YEAR 6

Calculating Area and Perimeter

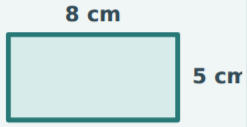
Name _____ **Date** _____

Calculate the area and perimeter of each shape. Show your working where space is provided, and include the correct units in your answers.

1 Rectangles and squares

Find the area and perimeter of each shape.

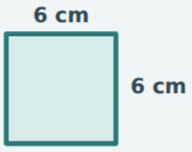
1 Rectangle



Area _____ cm²

Perimeter _____ cm

2 Square



Area _____ cm²

Perimeter _____ cm

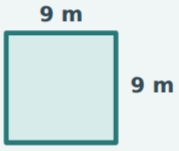
3 Rectangle



Area _____ m²

Perimeter _____ m

4 Square



Area _____ m²

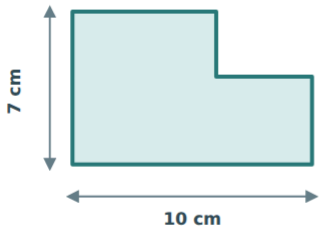
Perimeter _____ m

2 Compound shapes

Use the measurements given to calculate the area and perimeter of each shape.

5 L-shape

Overall width 10 cm and height 7 cm. The top-right cut-out is 4 cm wide and 3 cm deep.

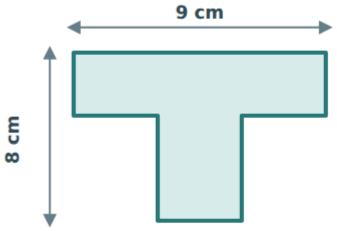


Working: _____

Area _____ cm² **Perimeter** _____ cm

6 T-shape

Overall width 9 cm and height 8 cm. The top bar is 3 cm thick; the stem is 3 cm wide and extends 5 cm below it.



Working: _____

Area _____ cm² **Perimeter** _____ cm

3 Apply your skills

A rectangular noticeboard is 120 cm long and 75 cm wide. Calculate the area of the board and the length of edging needed to go all the way around it.

Area _____ cm² **Edging** _____ cm

Check that your area and perimeter units are different.