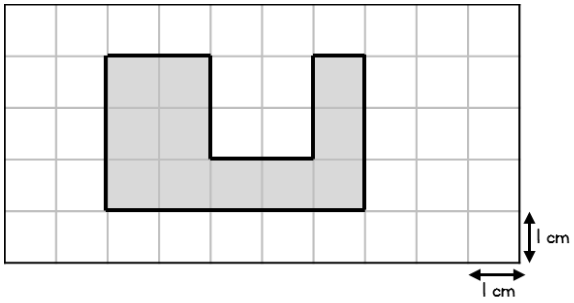
Year 5

Area and Perimeter

Name _____

1 The shape is drawn on a centimetre square grid.



What is the area of the shape?

_____ cm^2

1 mark

What is the perimeter of the shape?

_____ cm

1 mark

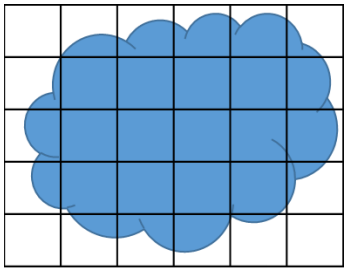
2 Sally says,

The two rectangles have the same area, so they must have the same perimeter.

Explain why Sally is wrong.

1 mark

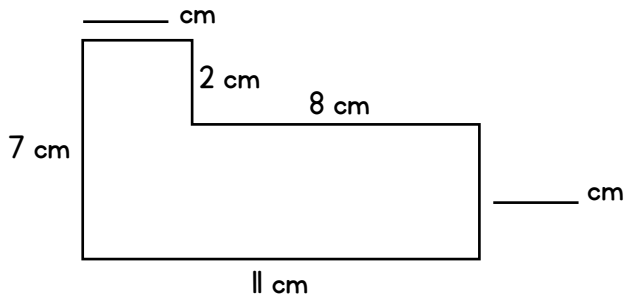
3 Estimate, in squares, the area of the shape.



_____ squares

2 marks

4



Complete the missing lengths.

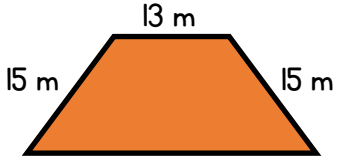
1 mark

Work out the perimeter of the shape.

_____ cm

1 mark

5 The perimeter of the shape is 60 m.

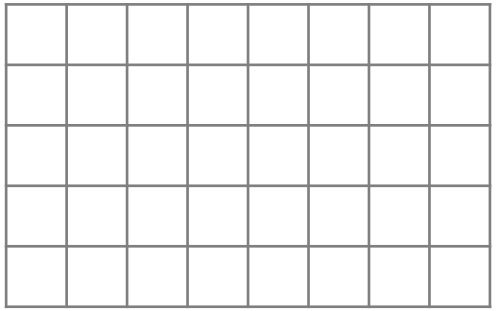


Find the length of the missing side.

_____ m

2 marks

6 Draw a rectangle which has an area of 12 squares and a perimeter of 16 squares.



2 marks

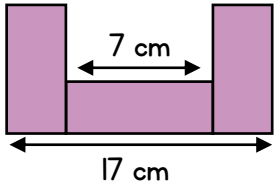
7 The square and the regular hexagon have the **same** perimeter.

Work out the length of one side of the square.

_____ cm

2 marks

8 The shape is made up of three identical rectangles.



Work out the area of the shape.

_____ cm^2

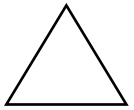
3 marks

9 Ian wants to paint a wall measuring 3 metres by 7 metres.
Each tin of paint covers 5 m^2.
How many tins of paint will Ian need?

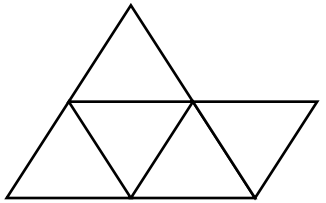
_____ tins

2 marks

10 An equilateral triangle has a perimeter of 21 cm.



John uses 5 of these triangles to make this shape.



What is the perimeter of the new shape he has made?

_____ cm

2 marks

Circle how confident you feel with area & perimeter.

1 2 3 4 5

Not confident — Very confident