Year 4

Length and Perimeter

Name _____

1 Complete the bar model.

800 m	_____

1 km

1 mark
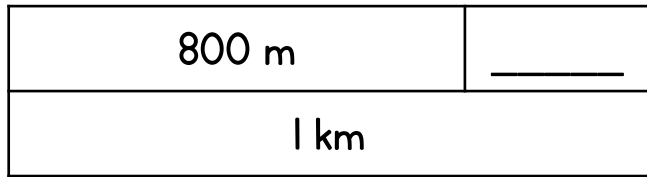
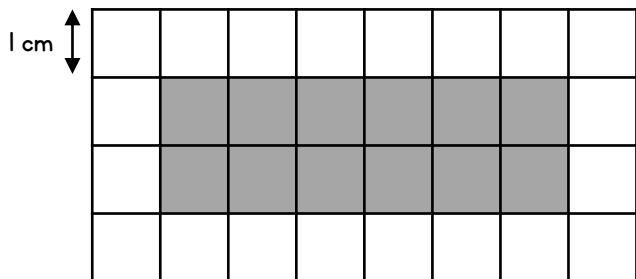**2** Circle the lengths less than 500 metres.

750 m $\frac{1}{2}$ km

50 m   5 km

1 mark

3 What is the perimeter of the shaded rectangle?

1 cm ↕

_____ cm
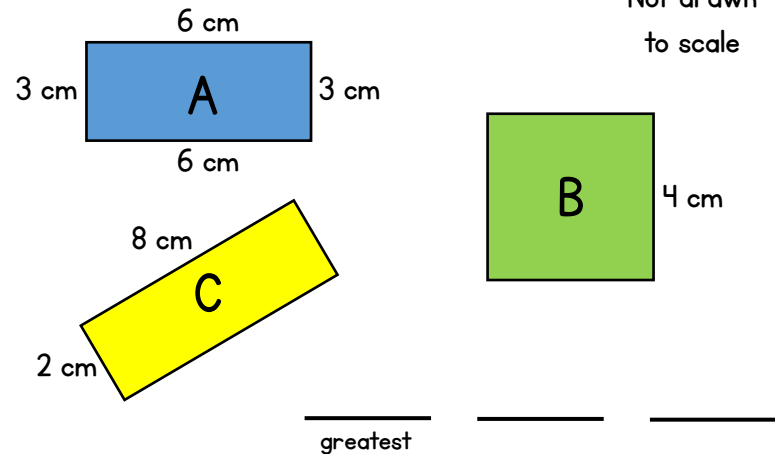
1 mark

4 What is 750 m less than 2 km?

_____

2 marks

5 Here are 3 shapes.

Shape B is a square.

Put the shapes in order of their perimeter.

Start with the **greatest** perimeter.

Not drawn to scale

6 cm
3 cm A 3 cm
6 cm

8 cm
C
2 cm

B 4 cm

_____   _____   _____
greatest

2 marks

6 Draw a rectangle with a perimeter of 18 cm.
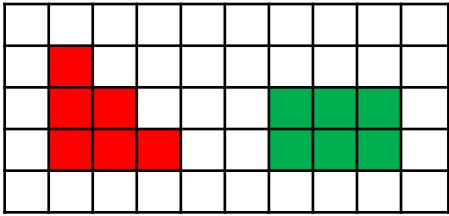
1 cm ↕
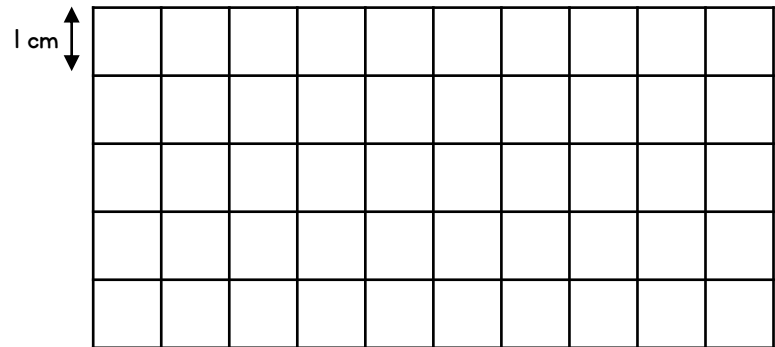
1 mark

7

Lily thinks the shapes have the same perimeter.
Do you agree?

Yes   No

Explain why.

8 Here is a rectangle.

3 m

Each side is:
- a whole number
- less than 10 m

Circle the lengths that could be the total perimeter of the shape.

15 m   20 m   14 m   28 m

2 marks

9 Tim cycles 4 km and 200 m.

Jane cycles 2,700 m.

How much further does Tim cycle than Jane?

_____ 2 marks

10 A rectangle has a perimeter of 20 cm.

The length of the rectangle is 8 cm.

Sam says,

> The opposite length is also 8 cm so the width must be 4 because $8 + 8 + 4 = 20$

What mistake has Sam made?

1 mark

What is the correct width of the rectangle?

_____ cm   2 marks

Circle how confident you feel with length & perimeter.

1   2   3   4   5

Not confident   Very confident