1) Calculate the perimeter of each rectangle.

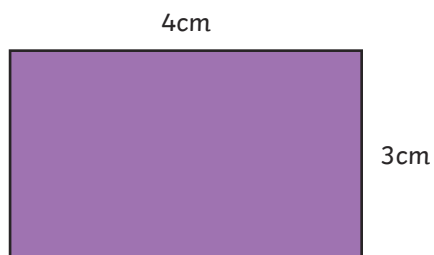The rectangles are not drawn to scale.

4cm

2cm

8m

5m

| | cm | + | | cm | + | | cm | + | | cm | = | | cm |

| | m | + | | m | + | | m | + | | m | = | | m |

4cm

3cm

5m
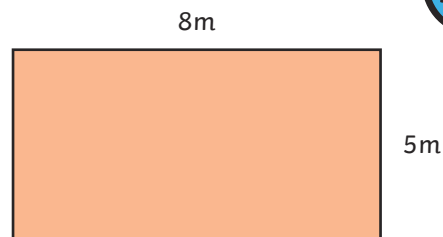
| | cm | + | | cm | + | | cm | + | | cm | = | | cm |

| | m | + | | m | + | | m | + | | m | = | | m |

2) Add the length and width together and multiply by 2 to calculate the perimeter of each rectangle. Show your working out.

7cm

2cm

8m

3m

20cm

12cm
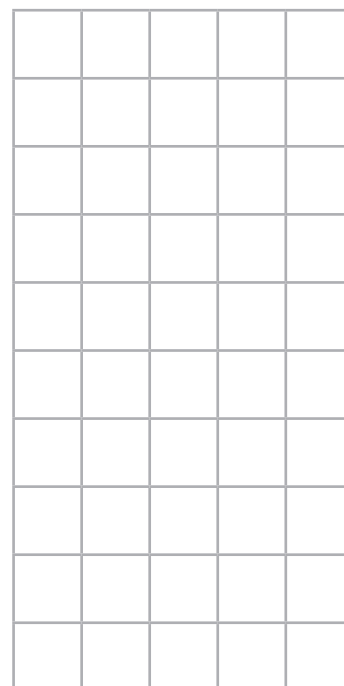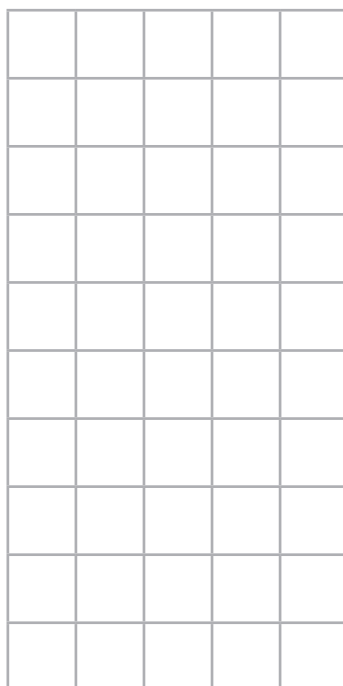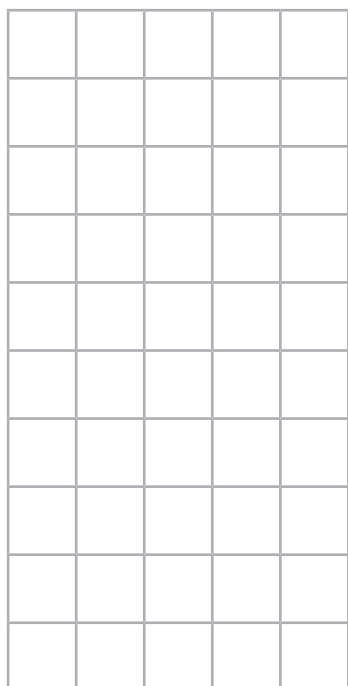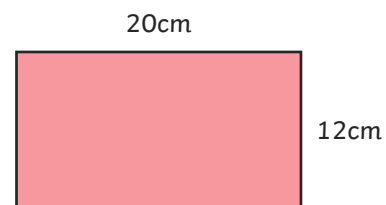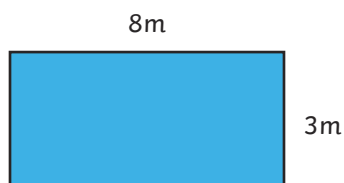
Sami is calculating the perimeters of different shapes.

1) Look at his calculations. Which are correct? Can you explain why? Can you explain the mistakes and find the correct answers?
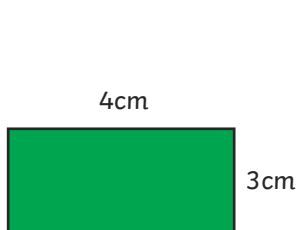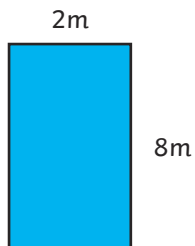
4cm

3cm

$4cm \times 2 = 8cm$

2m

8m

$2 \times 8 = 16m$

10cm

5cm

$10cm + 5cm = 15cm$

$15cm \times 2 = 30cm$

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

2) The perimeter of a rectangle is 18cm. One of its sides is 6cm. Draw the shape below and label all the sides with the correct measurements.
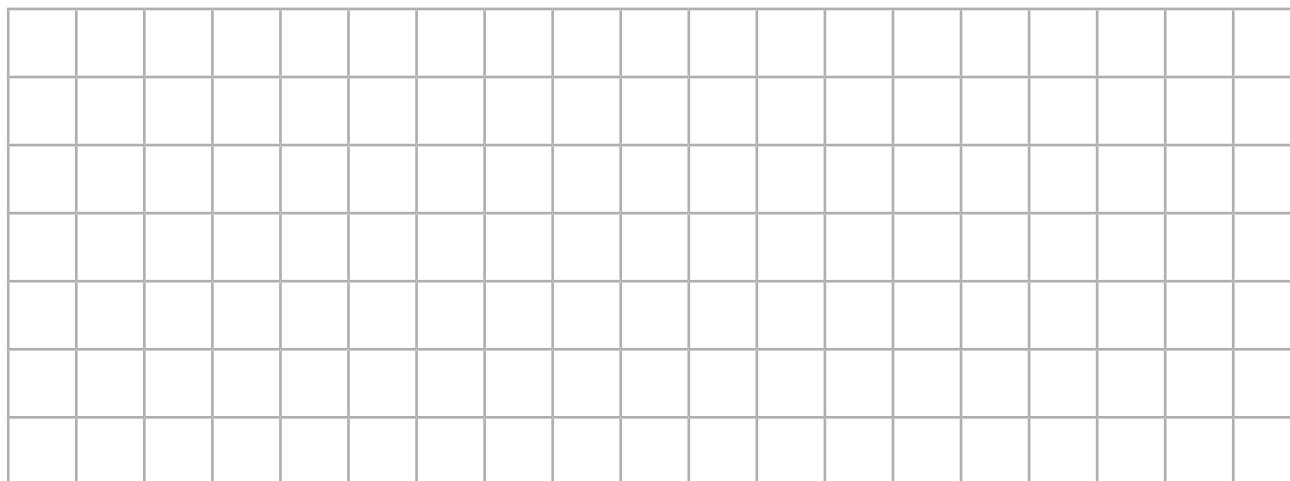
1) A rectangle has a perimeter of 36m.

The length of each side is a whole number. What could the length and the width of the rectangle be? Find all the possibilities.

_____

_____

_____

_____

2) Aiden measures the perimeter of his classroom. He notices the classroom is 1m wider than it is long. The perimeter of the classroom is between 20 and 35m. The length of each side is a whole number.

What could the dimensions of the room be? Find four different possibilities.

_____

_____

_____

_____

_____