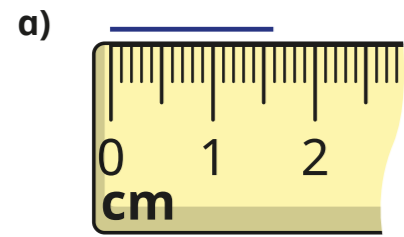
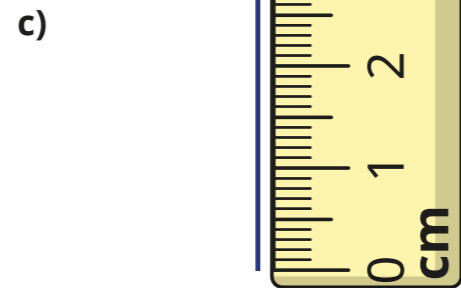
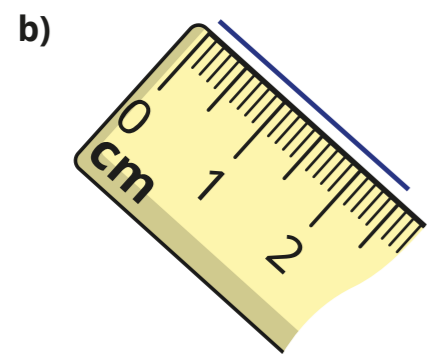


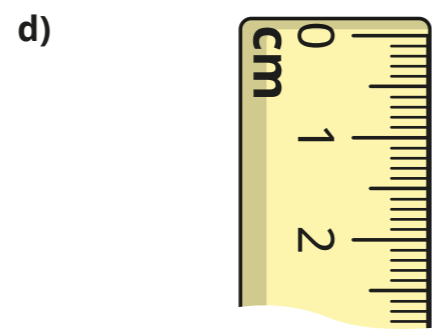
Perimeter of rectangles

1 What is the length of each line?

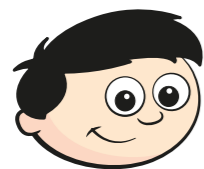




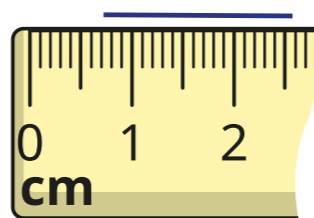




2 Dexter is measuring the length of a line.



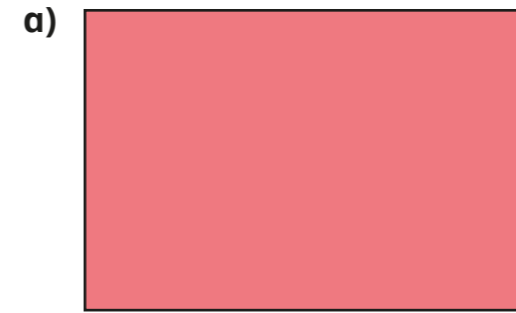
I think that the line is 2.6 cm long.



Do you agree with Dexter? _____

Explain why.

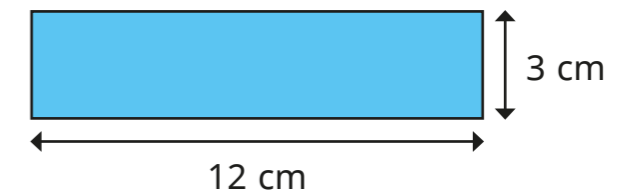
3 Measure the sides of each shape to work out the perimeter.





How many sides did you have to measure for each shape?

4 Ron, Dora and Sam are calculating the perimeter of the rectangle.



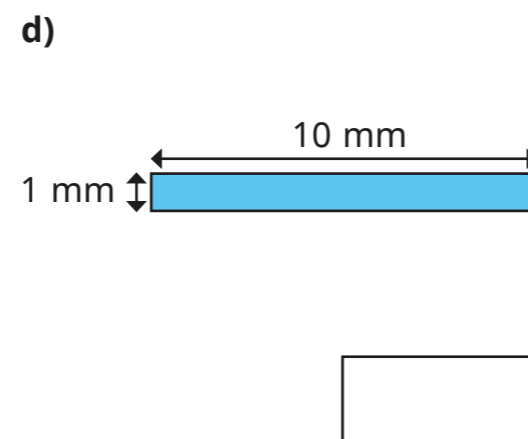
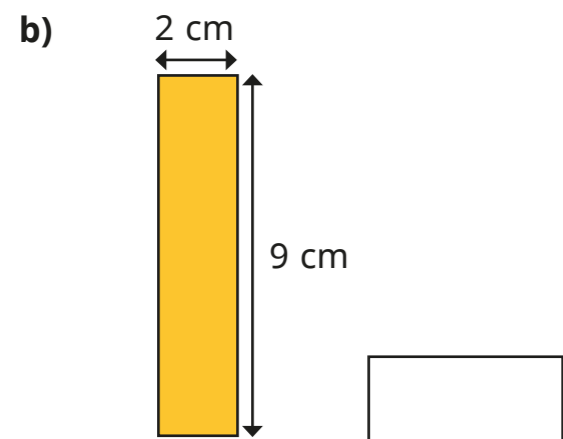
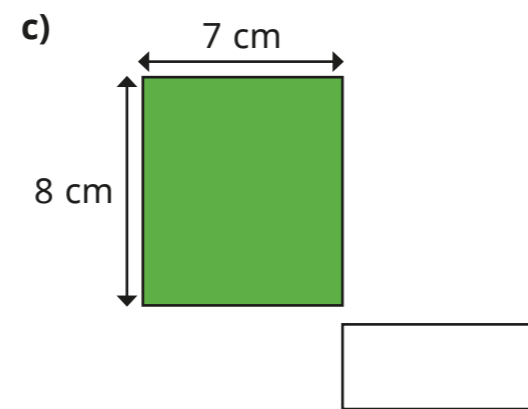
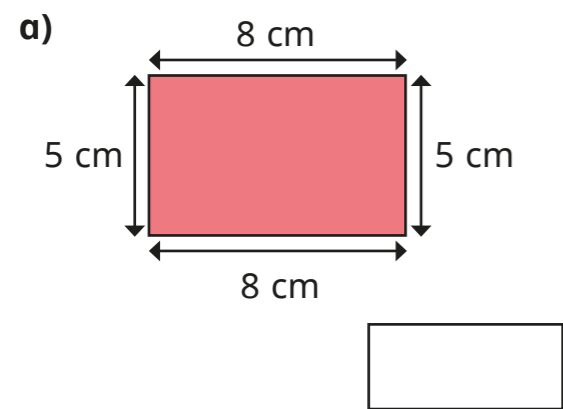
Ron $12 \text{ cm} + 3 \text{ cm} + 12 \text{ cm} + 3 \text{ cm} = 30 \text{ cm}$

Dora $12 \text{ cm} + 3 \text{ cm} = 15 \text{ cm}$ $2 \times 15 \text{ cm} = 30 \text{ cm}$

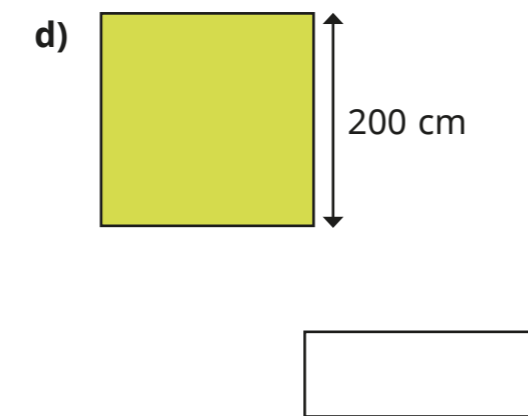
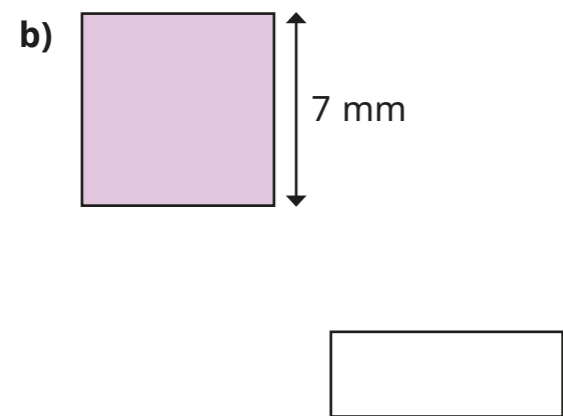
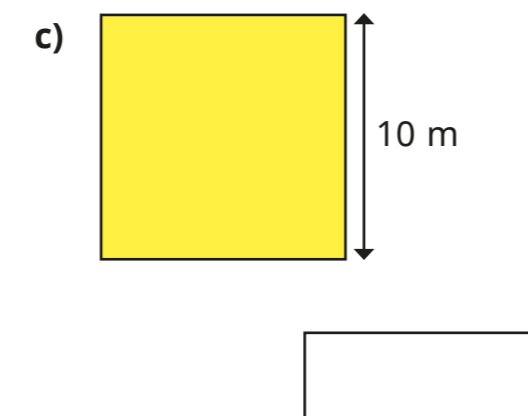
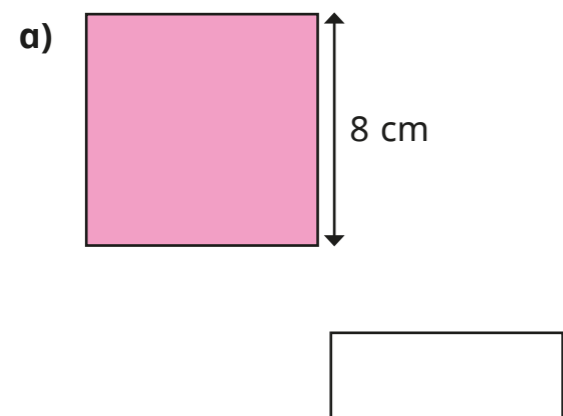
Sam $2 \times 12 \text{ cm} = 24 \text{ cm}$ $2 \times 3 \text{ cm} = 6 \text{ cm}$
 $24 \text{ cm} + 6 \text{ cm} = 30 \text{ cm}$

What is the same and what is different about their methods?

5 Work out the perimeters of the rectangles.



6 Work out the perimeters of the squares.



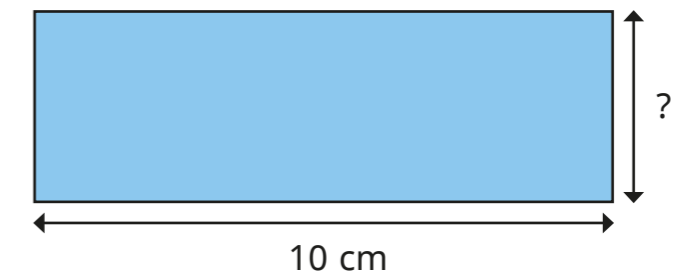
7 Draw and label three different rectangles, each with a perimeter of 18 cm.

They do not need to be drawn to scale.



Compare answers with a partner.

8 The perimeter of the rectangle is 26 cm.



Work out the width of the rectangle.

9 The perimeter of a square is 100 mm. What is the side length of the square?

