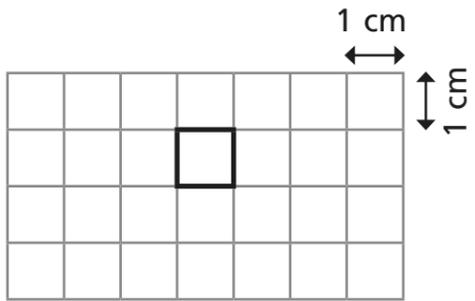
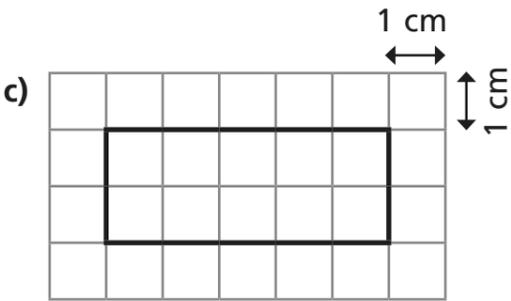
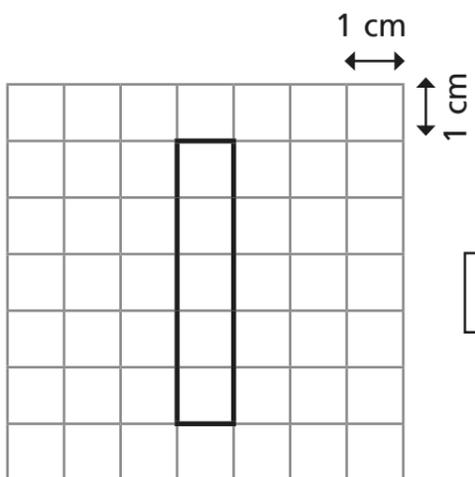


Area of rectangles

- 1 On the grid, the area of each square is 1 cm^2
Calculate the area of each rectangle.

a)  

1 cm^2 10 cm^2

b)  

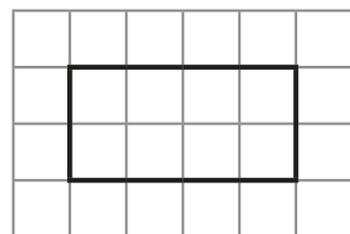
- 2 Complete the sentences to describe the rectangle.

There are 2 rows.

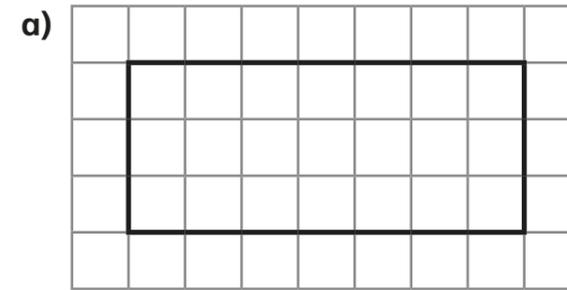
Each row has 4 squares.

There are 8 squares altogether.

$$2 \times 4 = 8$$

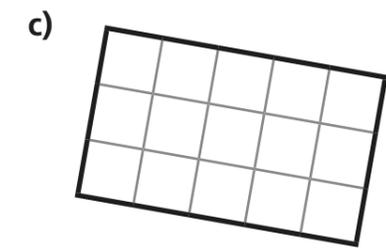


- 3 The area of each square is 1 cm^2
Work out the area of each rectangle.



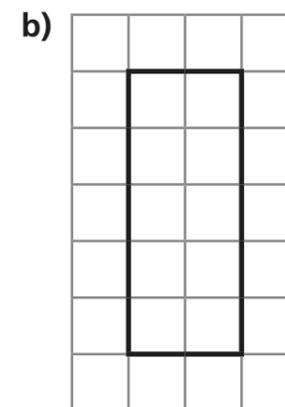
$$3 \times 7 = 21$$

area = 21 cm^2



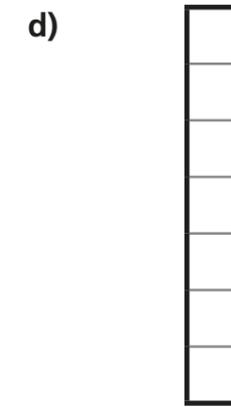
$$3 \times 5 = 15$$

area = 15 cm^2



$$5 \times 2 = 10$$

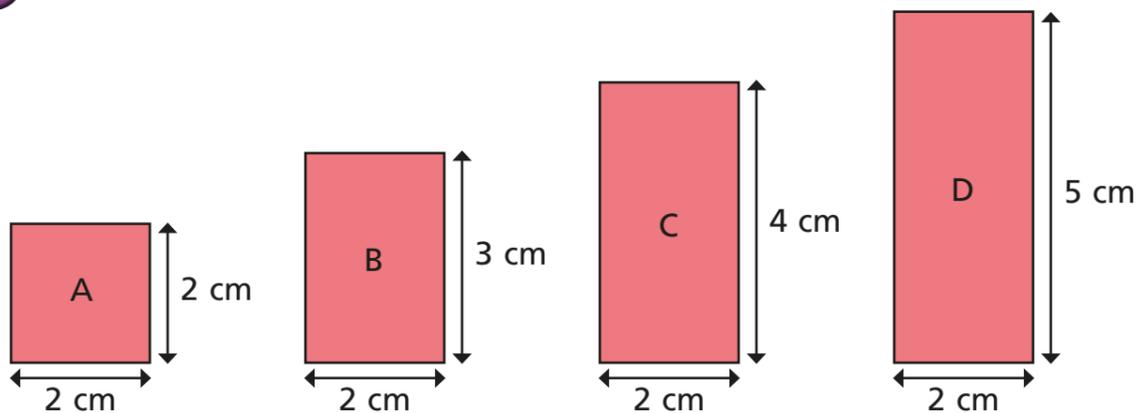
area = 10 cm^2



$$7 \times 1 = 7$$

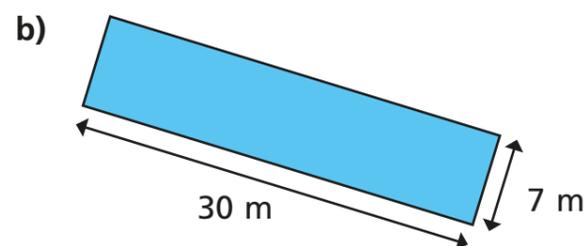
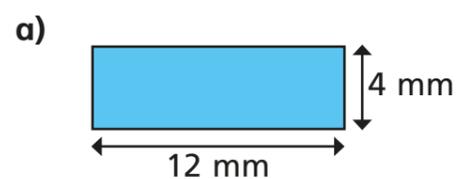
area = 7 cm^2

4 Calculate the area of the rectangles.

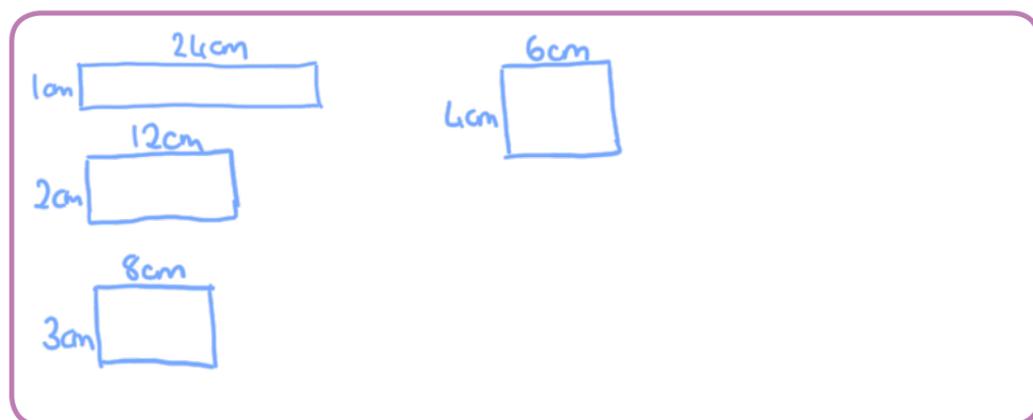


A = cm² B = cm² C = cm² D = cm²

5 Work out the area of these rectangles.

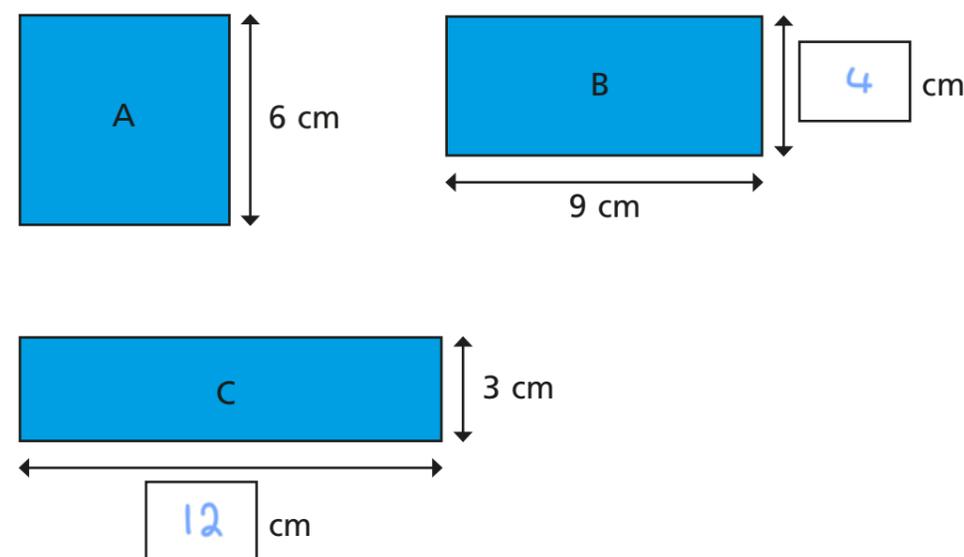


6 How many rectangles can you draw that have an area of 24 cm²? Label the lengths. Your drawings do not have to be exact.



Compare your answers with a partner.

7 These shapes all have the same area. Shape A is a square. Work out the missing lengths.



8 A rectangle has an area of 96 cm². The length of the rectangle is 4 cm longer than the width. Work out the length and width of the rectangle.

length = width =

