

# Area of rectangles



1 On the grid, the area of each square is  $1 \text{ cm}^2$   
Calculate the area of each rectangle.

a)

c)

b)

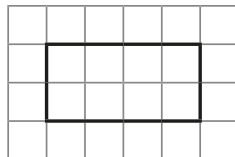
2 Complete the sentences to describe the rectangle.

There are  rows.

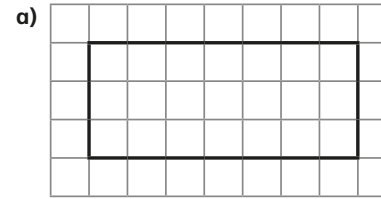
Each row has  squares.

There are  squares altogether.

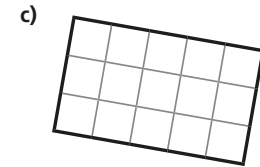
$\times$   =



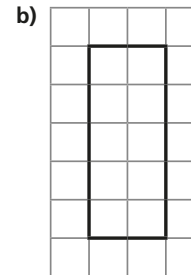
3 The area of each square is  $1 \text{ cm}^2$   
Work out the area of each rectangle.



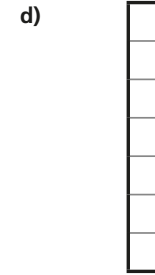
$\times$   =   
area =



$\times$   =   
area =

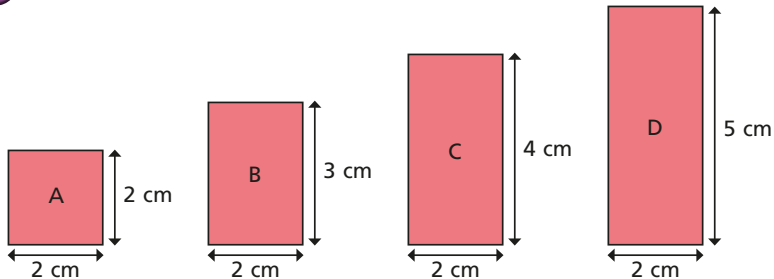


$\times$   =   
area =



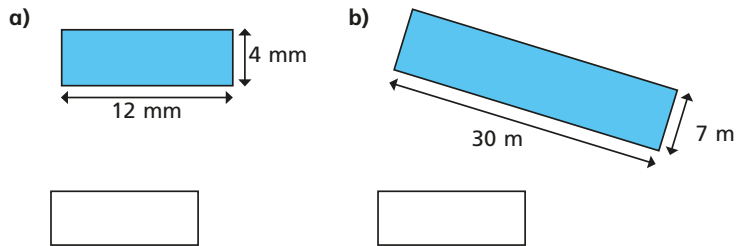
$\times$   =   
area =

4 Calculate the area of the rectangles.



A =  cm<sup>2</sup>    B =  cm<sup>2</sup>    C =  cm<sup>2</sup>    D =  cm<sup>2</sup>

5 Work out the area of these rectangles.

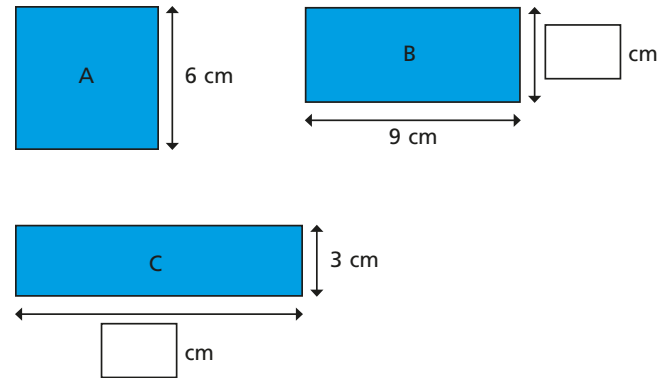


6 How many rectangles can you draw that have an area of 24 cm<sup>2</sup>? Label the lengths. Your drawings do not have to be exact.

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 cm<sup>2</sup>. The length of the rectangle is 4 cm longer than the width. Work out the length and width of the rectangle.

length =     width =

