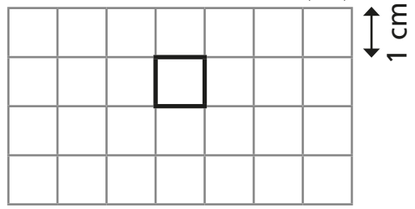
Area of rectangles

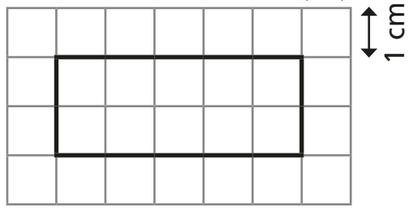
1 On the grid, the area of each square is 1 cm^2

Calculate the area of each rectangle.

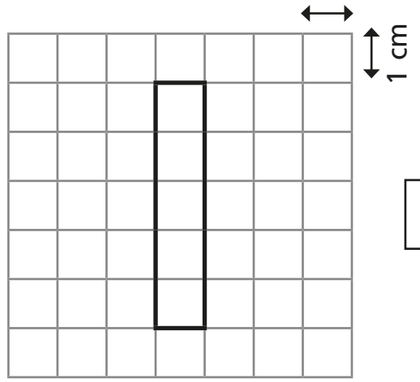
a)



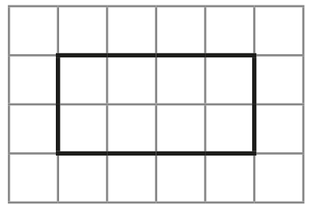
c)



b)



2 Complete the sentences to describe the rectangle.



There are ☐ rows.

Each row has ☐ squares.

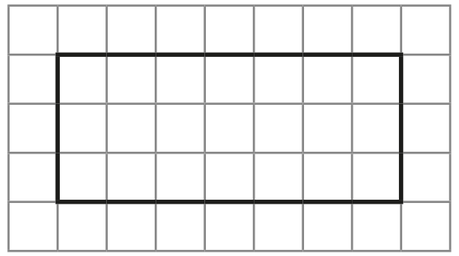
There are ☐ squares altogether.

☐ × ☐ = ☐

3 The area of each square is 1 cm^2

Work out the area of each rectangle.

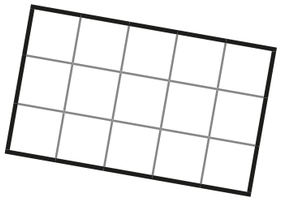
a)



☐ × ☐ = ☐

area = ☐

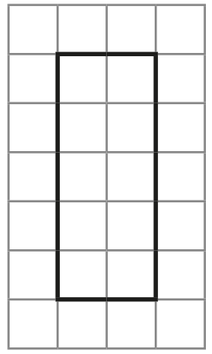
c)



☐ × ☐ = ☐

area = ☐

b)



☐ × ☐ = ☐

area = ☐

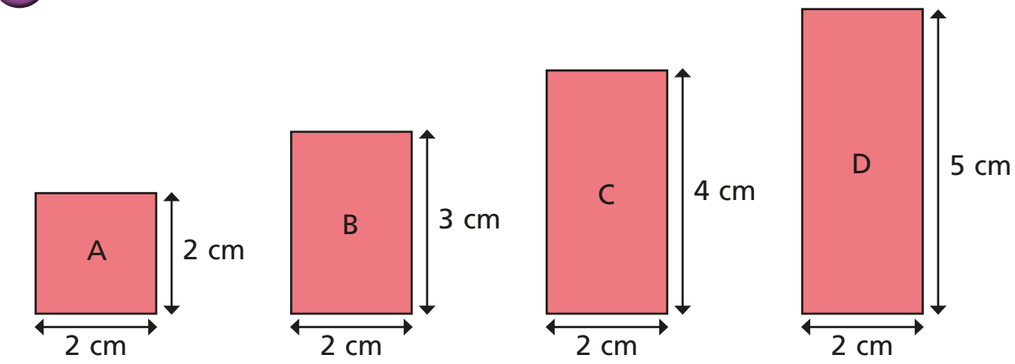
d)

☐ × ☐ = ☐

area = ☐

© White Rose Maths 2019

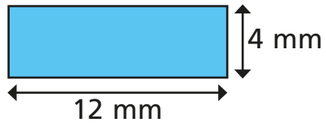
4 Calculate the area of the rectangles.



A = ☐ cm^2 B = ☐ cm^2 C = ☐ cm^2 D = ☐ cm^2

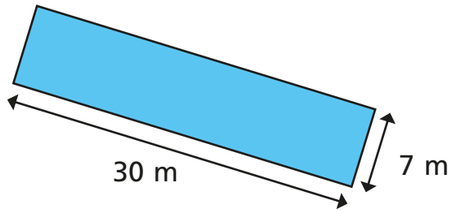
5 Work out the area of these rectangles.

a)



☐

b)



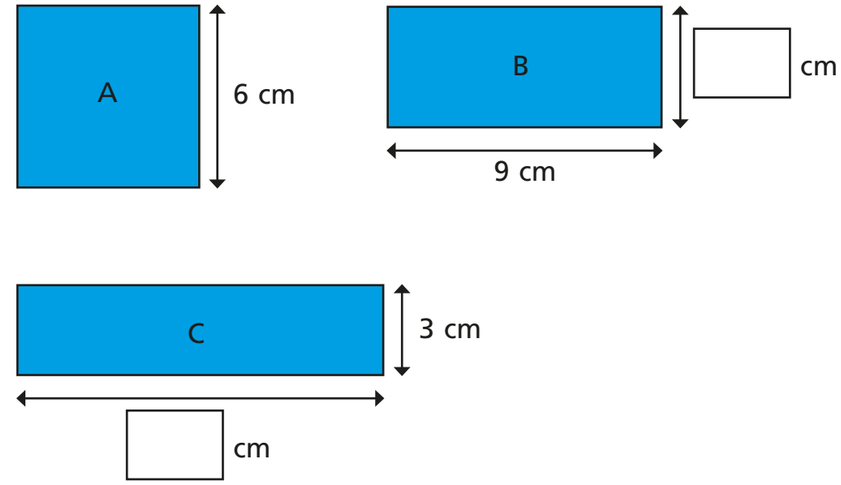
☐

6 How many rectangles can you draw that have an area of 24 cm^2?
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^2

The length of the rectangle is 4 cm longer than the width.

Work out the length and width of the rectangle.

length = ☐ width = ☐

© White Rose Maths 2019