

Hello y5

Today we are going to start some perimeter and area revision.

First of all go to [white rose maths home learning](#)

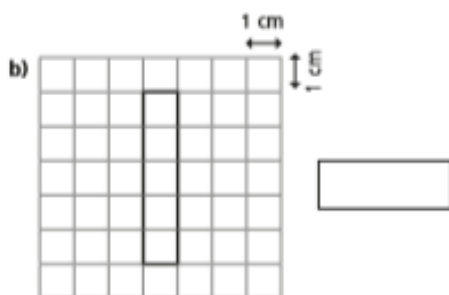
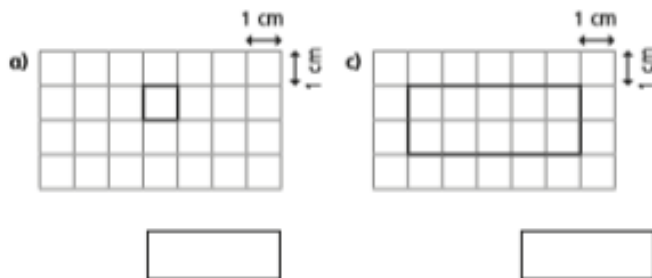
Y5

[Summer week 4 lesson 1 area](#) and **watch the video**

Area of rectangles



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



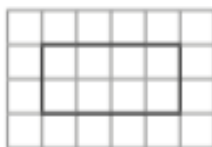
- 2 Complete the sentences to describe the rectangle.

There are rows.

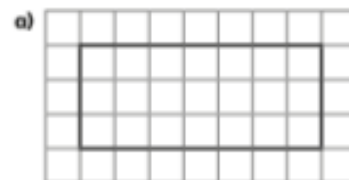
Each row has squares.

There are squares altogether.

$$\square \times \square = \square$$

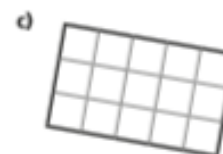


- 3 The area of each square is 1 cm^2 . Work out the area of each rectangle.



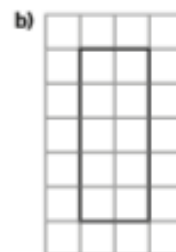
$$\square \times \square = \square$$

$$\text{area} = \square$$



$$\square \times \square = \square$$

$$\text{area} = \square$$



$$\square \times \square = \square$$

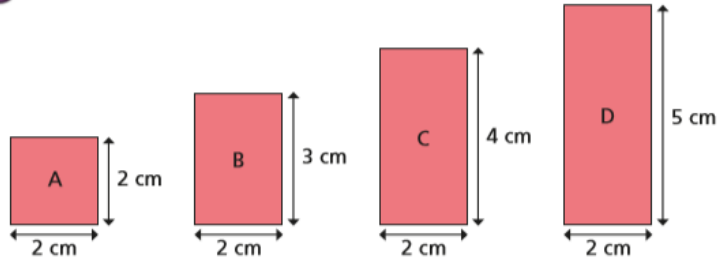
$$\text{area} = \square$$



$$\square \times \square = \square$$

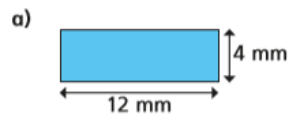
$$\text{area} = \square$$

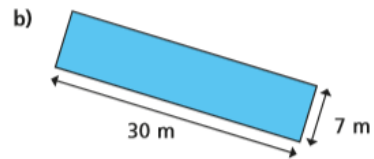
- 4 Calculate the area of the rectangles.



A = cm² B = cm² C = cm² D = cm²

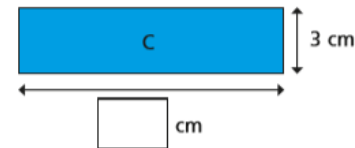
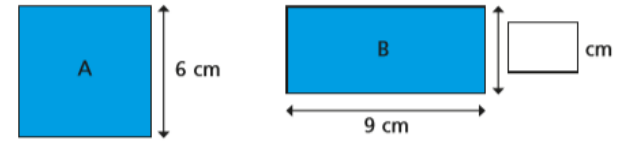
- 5 Work out the area of these rectangles.





- 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.

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



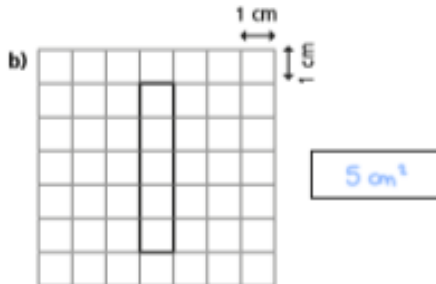
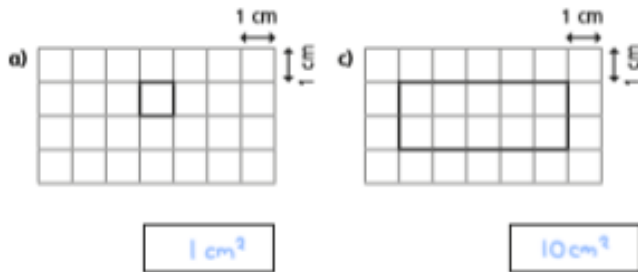
- 8 A rectangle has an area of 96 cm². The length of the rectangle is 4 cm longer than the width. Work out the length and width of the rectangle.

length = width =



Area of rectangles

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



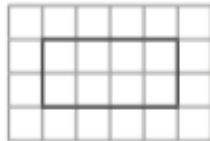
- 2 Complete the sentences to describe the rectangle.

There are 2 rows.

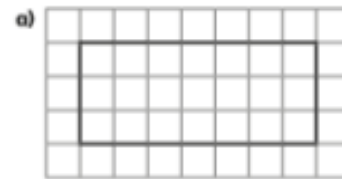
Each row has 4 squares.

There are 8 squares altogether.

$$\boxed{2} \times \boxed{4} = \boxed{8}$$

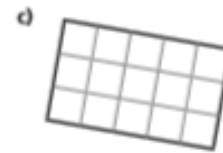


- 3 The area of each square is 1 cm^2 .
Work out the area of each rectangle.



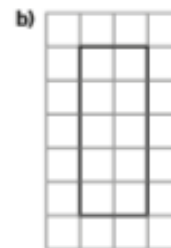
$$\boxed{3} \times \boxed{7} = \boxed{21}$$

area = 21 cm^2



$$\boxed{3} \times \boxed{5} = \boxed{15}$$

area = 15 cm^2



$$\boxed{5} \times \boxed{2} = \boxed{10}$$

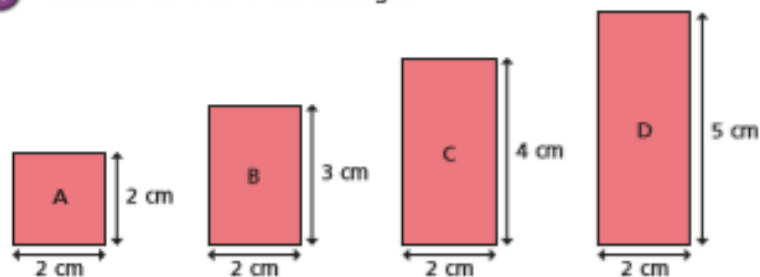
area = 10 cm^2



$$\boxed{7} \times \boxed{1} = \boxed{7}$$

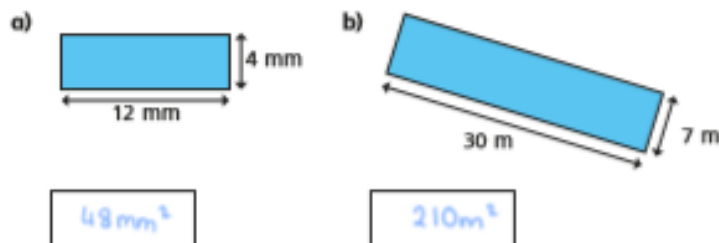
area = 7 cm^2

- 4 Calculate the area of the rectangles.



A = cm² B = cm² C = cm² D = cm²

- 5 Work out the area of these rectangles.

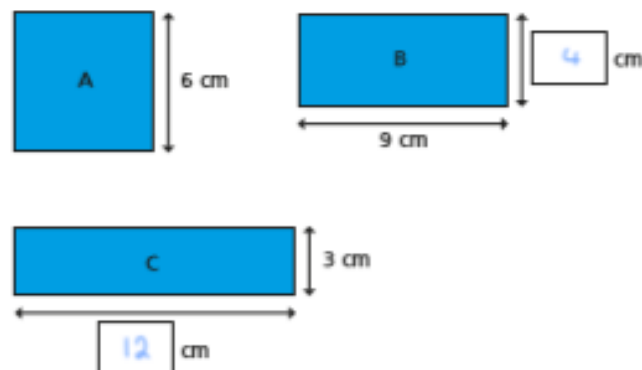


- 6 How many rectangles can you draw that have an area of 24 cm²? Label the lengths. Your drawings do not have to be exact.



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 =

