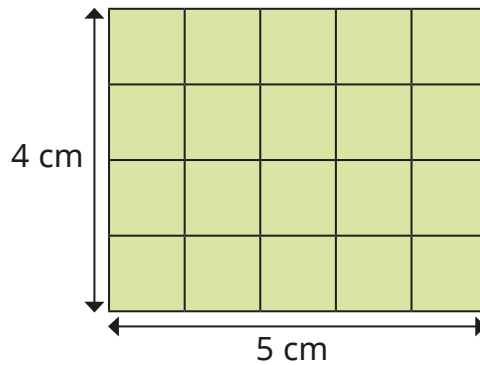


Find the area of squares, rectangles and parallelograms

- 1 Use the diagram to help you complete the sentences.



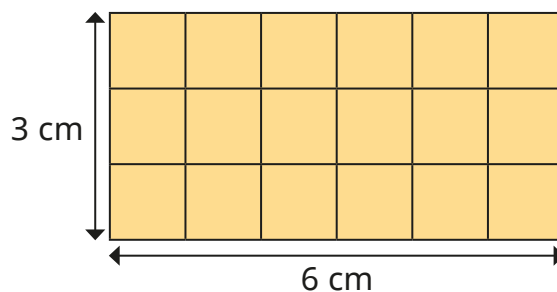
The length of the rectangle is cm.

The width of the rectangle is cm.

The total number of squares in the rectangle is

The area of the rectangle is cm²

- 2 Here is a rectangle.



Complete the calculation to work out the area of the rectangle.

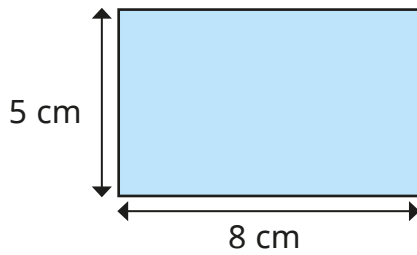
$$\square \times \square = \square$$

area of the rectangle = cm²

3

Work out the areas of the rectangles.

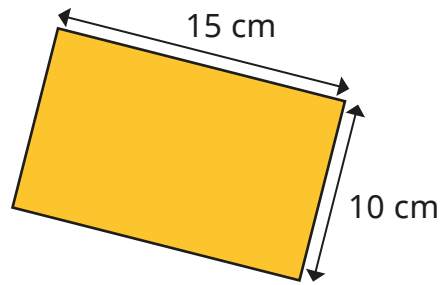
a)



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

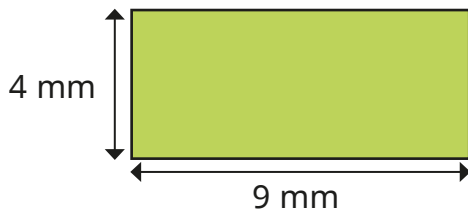
$\square \text{ cm}^2$

d)



$$\square \text{ cm}^2$$

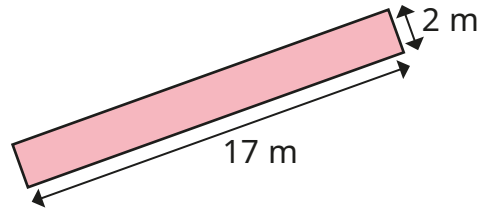
b)



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

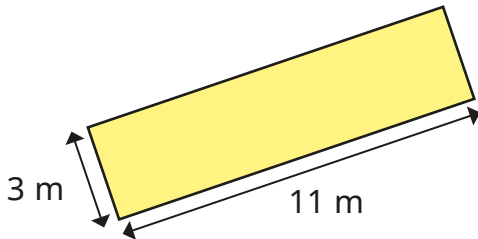
$\square \text{ mm}^2$

e)



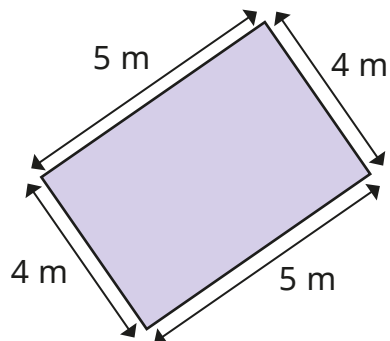
$$\square \text{ m}^2$$

c)



$$\square \text{ m}^2$$

f)

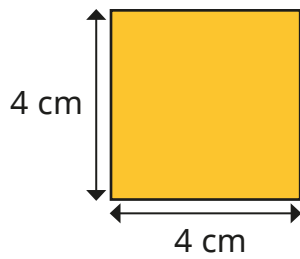


$$\square \text{ m}^2$$

4

Work out the areas of the squares.

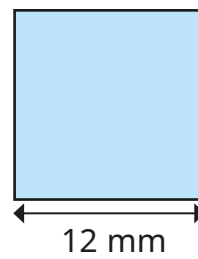
a)



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

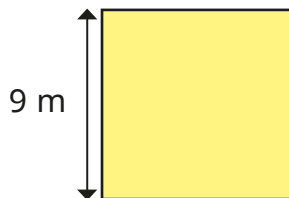
$$\square \text{ cm}^2$$

c)



$$\square \text{ mm}^2$$

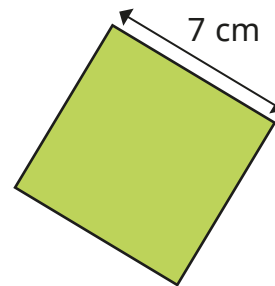
b)



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

$$\square \text{ m}^2$$

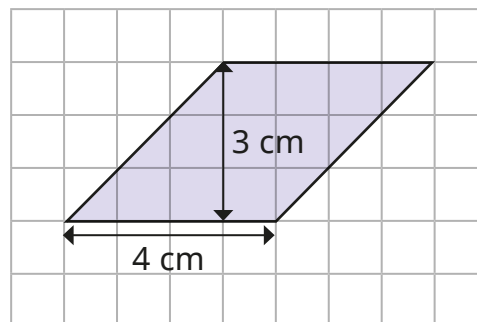
d)



$$\square \text{ cm}^2$$

5

Use the diagram to help you complete the sentences.



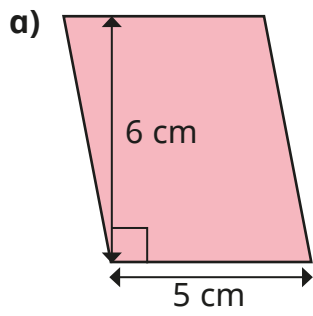
The length of the base of the parallelogram is \square cm.

The perpendicular height of the parallelogram is \square cm.

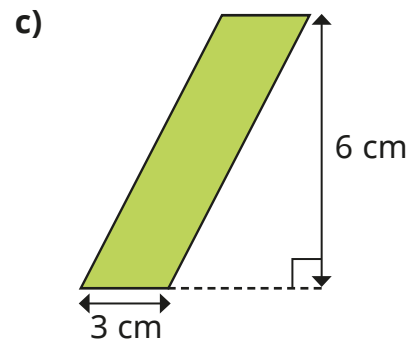
The area of the parallelogram is $\square \times \square = \square \text{ cm}^2$

6

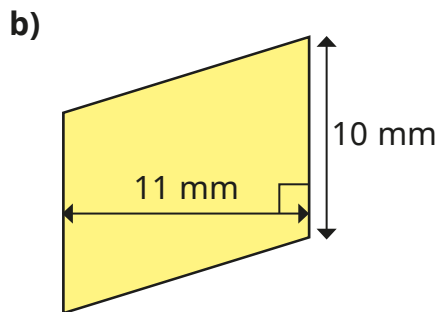
Work out the areas of the parallelograms.



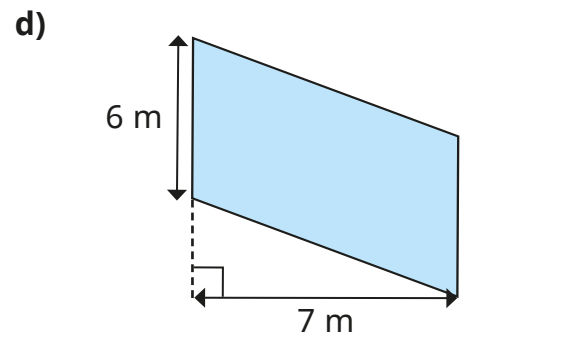
cm^2



cm^2



mm^2

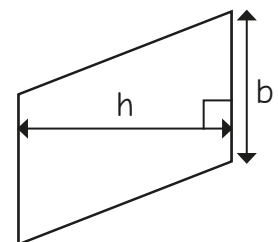
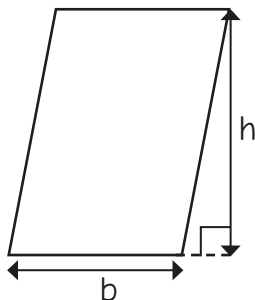
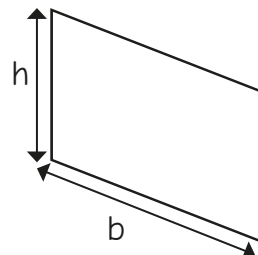
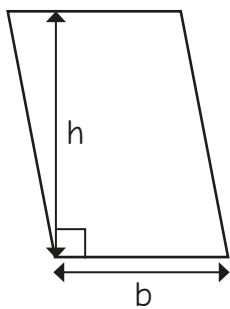


m^2

7

Jack has labelled the bases and heights of four parallelograms.

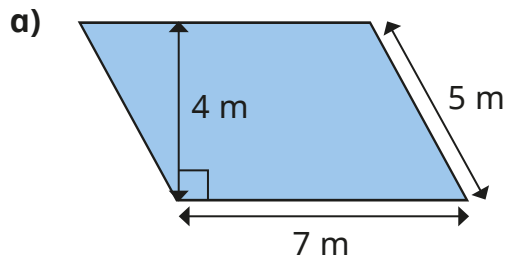
Tick the shapes that have been correctly labelled.

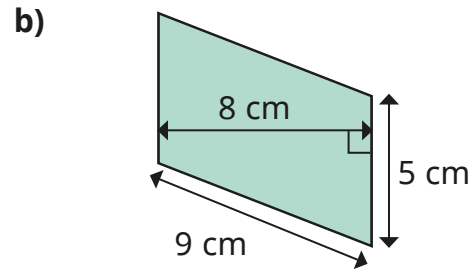


8

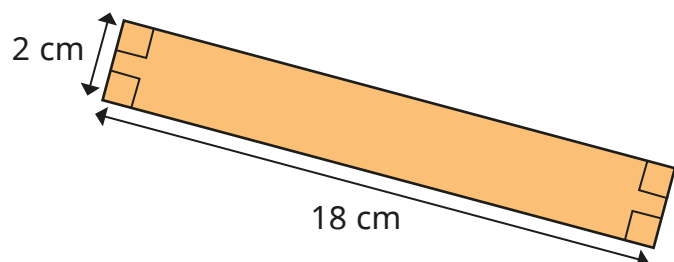
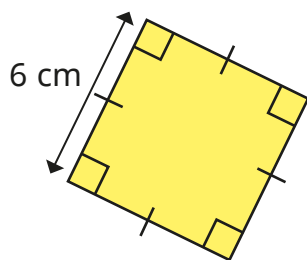
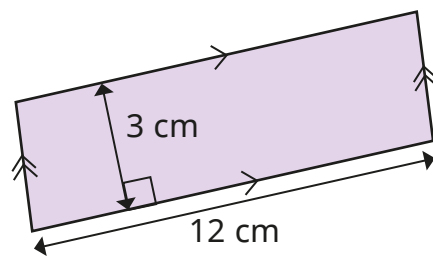
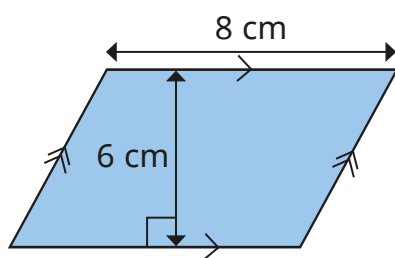
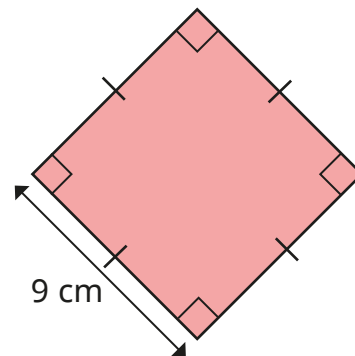
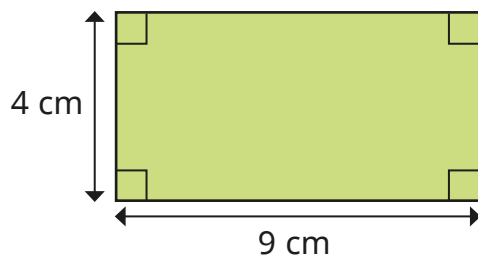
Work out the areas of the parallelograms.

Give units with your answers.





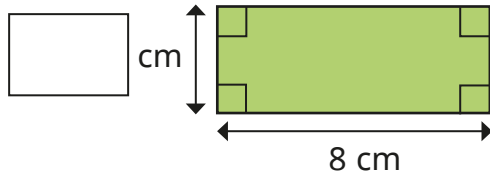
9

Tick the shapes that have an area of 36 cm^2 

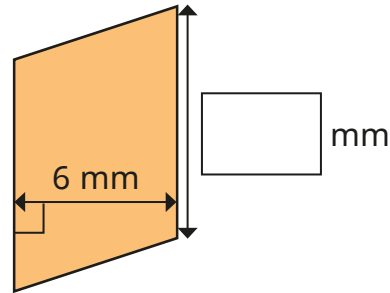


10 Work out the unknown lengths.

a) area = 24 cm^2



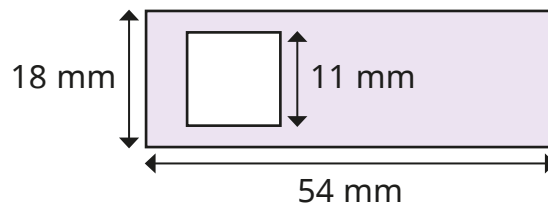
b) area = 72 mm^2



11 a) Draw and label three different rectangles that have an area of 64 m^2

b) How many different squares can you find that have an area of 64 m^2 ?

12 A logo is made with a rectangle and square.



Work out the area of the shaded section.

Give units with your answer.