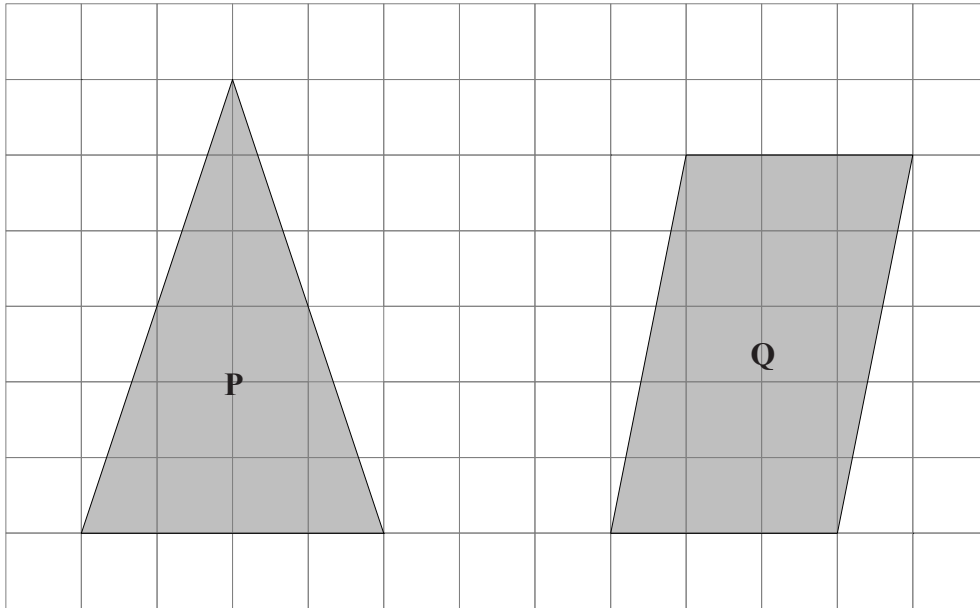


- 1 The diagram shows two shapes on a centimetre grid.



- (a) Find the area of shape **P**  
 (b) Write down the mathematical name for shape **Q**.  
 (c) Find the area of shape **Q**.

**(3 marks)**

- 2 The length of a rectangle is two times the width of the rectangle.  
 The perimeter of the rectangle is 24 cm.

Draw the rectangle on a centimetre grid.

**(2 marks)**

- 3 The length of a rectangle is three times the width of the rectangle.  
 The area of the rectangle is  $48 \text{ cm}^2$ .

Draw the rectangle on a centimetre grid.

**(2 marks)**

- 4 The base of a triangle is twice the height of the triangle.  
 The area of a triangle is  $16 \text{ cm}^2$ .

Draw the triangle on a centimetre grid.

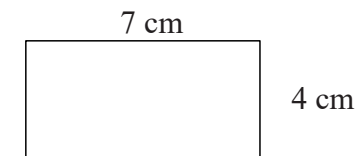
**(2 marks)**

- 5 The base of a parallelogram is twice the perpendicular height of the parallelogram.  
 The area of the parallelogram is  $50 \text{ cm}^2$ .

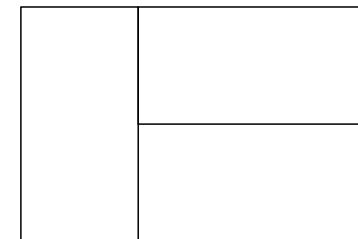
Draw the parallelogram on a centimetre grid.

**(2 marks)**

- 6 Here is a rectangle.



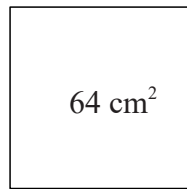
The six-sided shape below is made from two of these rectangles.



Work out the perimeter of this six-sided shape.

**(3 marks)**

- 7 A square has an area of  $64 \text{ cm}^2$ .



Find the perimeter of the square.

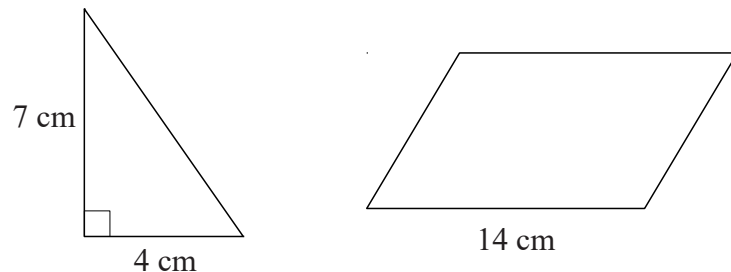
**(2 marks)**

- 8 A square has a perimeter of  $36 \text{ cm}$ .

Find the area of the square.

**(2 marks)**

- 9 The diagram shows a right angled triangle and a parallelogram.



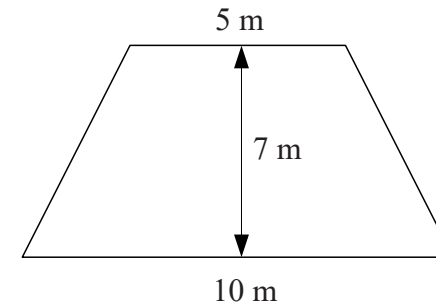
The area of the parallelogram is four times the area of the triangle.

The perpendicular height of the parallelogram is  $h$ .

Find the value of  $h$ .

**(3 marks)**

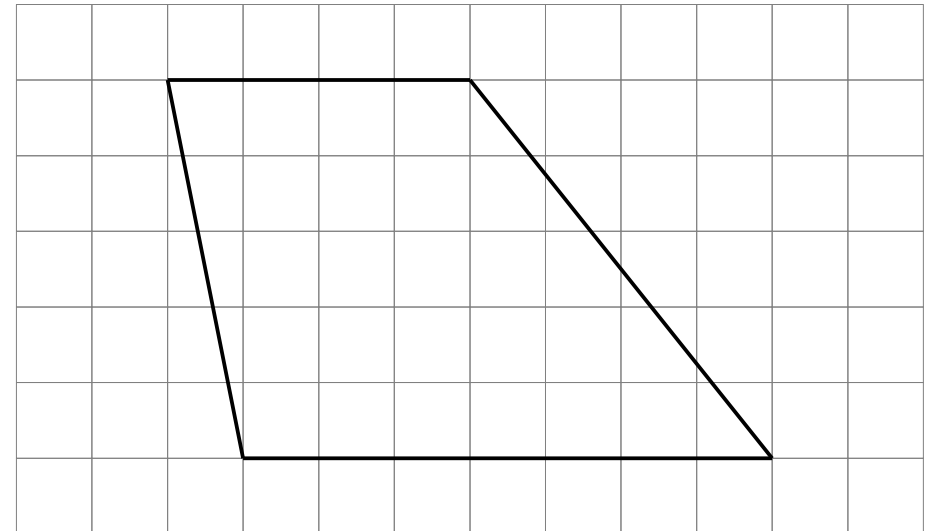
- 10 The diagram shows a garden in the shape of a trapezium.



Find the area of the garden.

**(3 marks)**

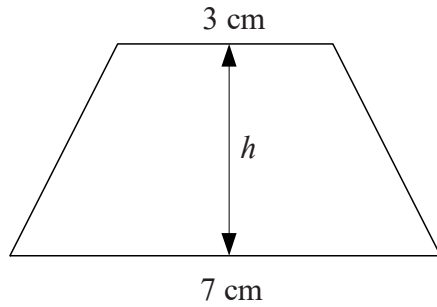
- 11 Here is a trapezium drawn on a centimetre grid.



Find the area of the trapezium.

**(2 marks)**

- 12 The diagram shows a trapezium with an area of  $30 \text{ cm}^2$  and a perpendicular height  $h$  cm.

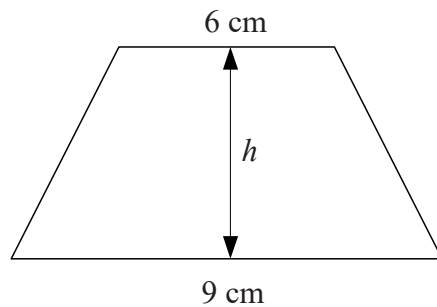


Find the value of  $h$ .

**(2 marks)**

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- 13 The diagram shows a trapezium with an area of  $45 \text{ cm}^2$  and a perpendicular height  $h$  cm.



Find the value of  $h$ .

**(2 marks)**

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