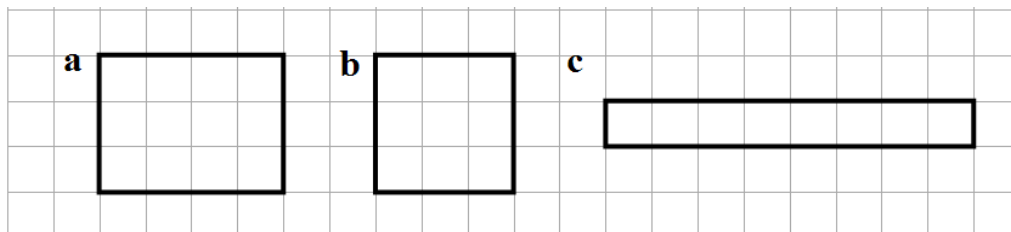




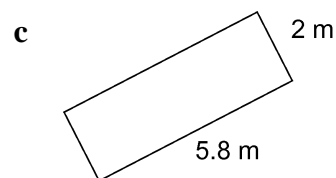
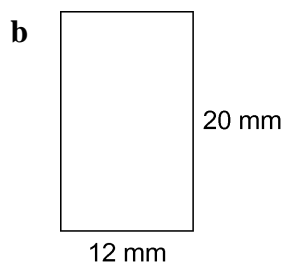
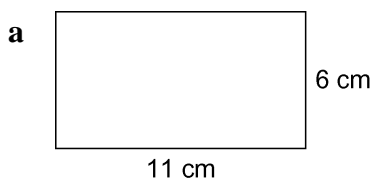
GM1.2 Homework 1

1 The diagram shows the shapes drawn on a centimetre square grid.

Write down the area of each shape.

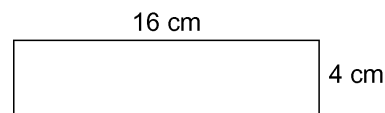


2 Work out the area of each rectangle.

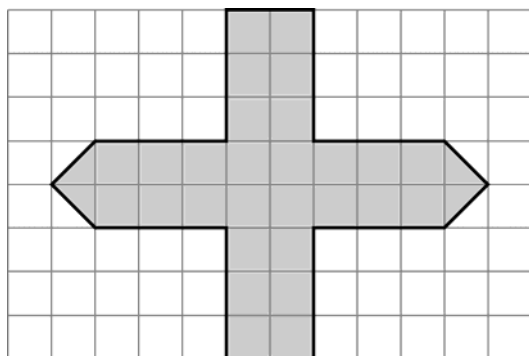


3 **a** Write down the area of this rectangle.

b A square has the same area as this rectangle.
Find the perimeter of the square.



4 This shaded shape is drawn on a centimetre-square grid.

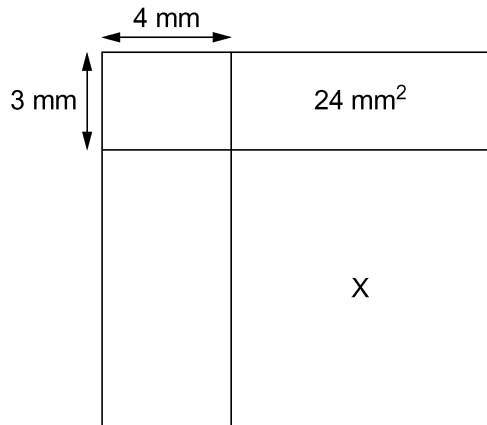


a What is the area of the shape?

b Draw a rectangle that has the same area as this shaded shape.

Write down the length and width of your rectangle.

- 5 The diagram below shows a square.
Two straight lines cut the square into four rectangles.
The area of one of the rectangles is shown.



- a i What is the length of each side of the square, in millimetres?
ii Write the side length of the square in centimetres.
- b i Work out the area of the rectangle marked X in square millimetres.
ii What is the area of the rectangle marked X in square centimetres?
- 6 Work out the area of each shape.

