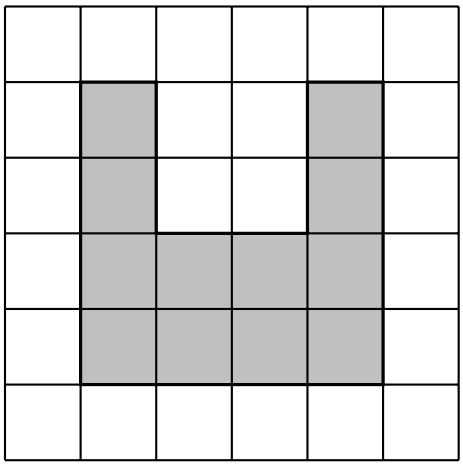
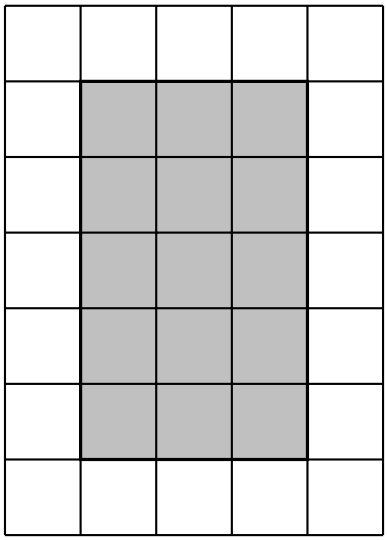
1. (a) The shaded shape is drawn on a grid of centimetre squares.



Find the area of the shaded shape.

(b) Here is a rectangle on a centimetre grid.



Find the area of the shaded rectangle.

2. Here is a rectangle.

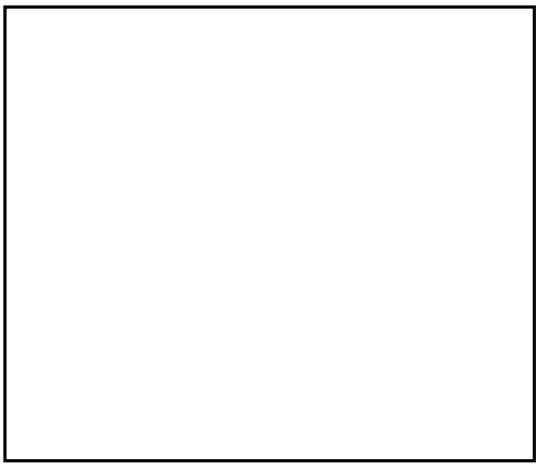


Diagram NOT accurately drawn

Work out the area of the rectangle.

3. (a) In the diagram QR = 19 cm

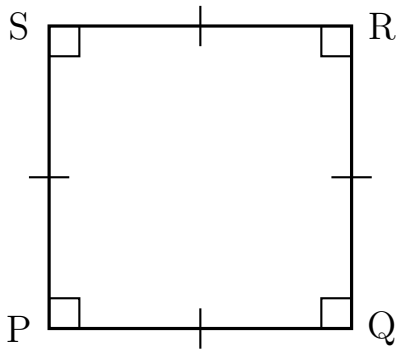


Diagram NOT accurately drawn

Work out the area of PQRS.

(b) Here is a square.

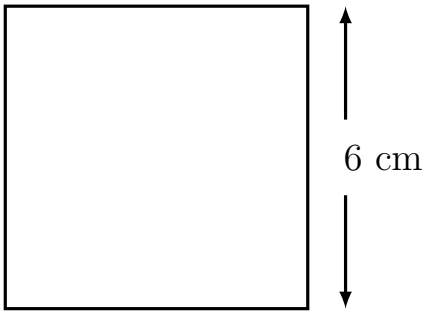
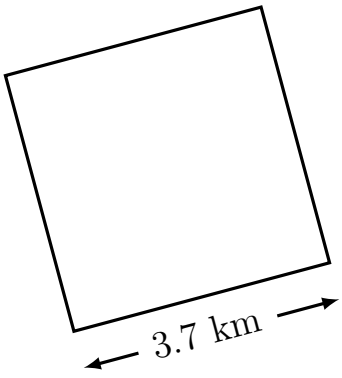


Diagram NOT accurately drawn

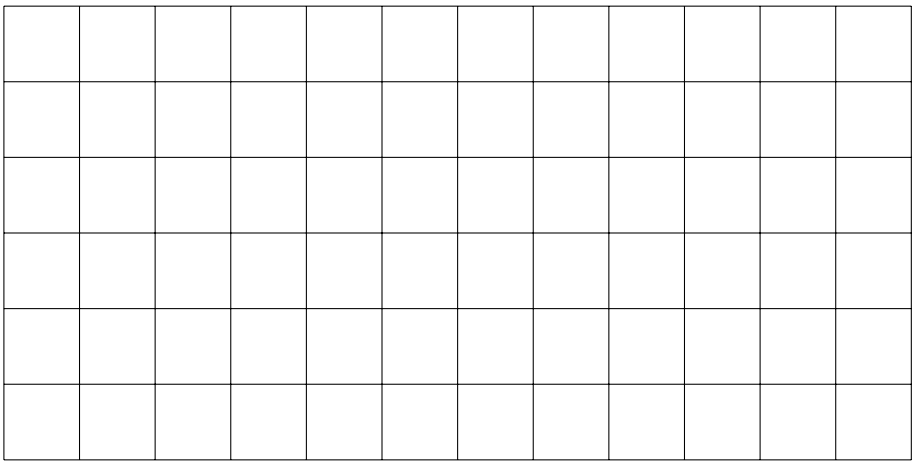
OR



Work out the area of the square.

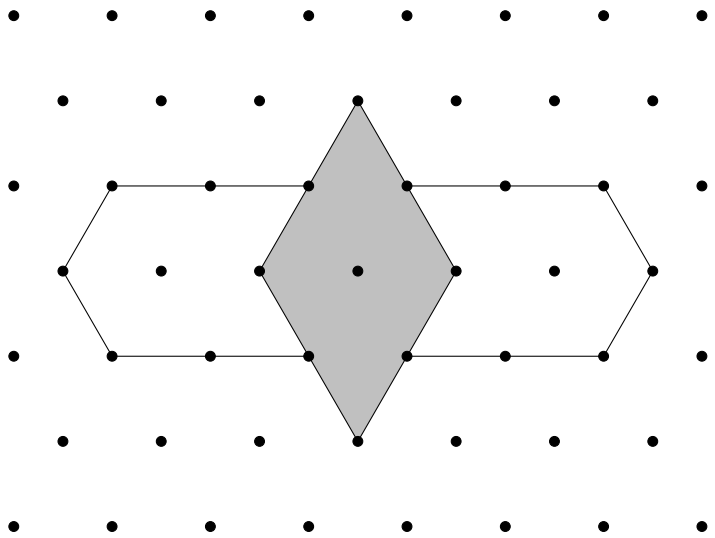
(c) A square has side length 200 m
Work out the area of the square.

4. On the centimetre grid, draw a **rectangle** with an area of 35 cm^2



5. Here is a pattern.

   The pattern is made up of a shaded rhombus and 2 hexagons.



   (a) The area of the whole pattern is 24 cm^2.

   Work out the area of the shaded rhombus.

   (b) The area of the each hexagon is 24 cm^2.

   Work out the area of the shaded rhombus.

6. (a) The radius of a circle is 14.1 km.

   Work out the area of this circle in km^2.
   Give your answer correct to the nearest whole number.

   (b) Here is a plan view of a circus ring.

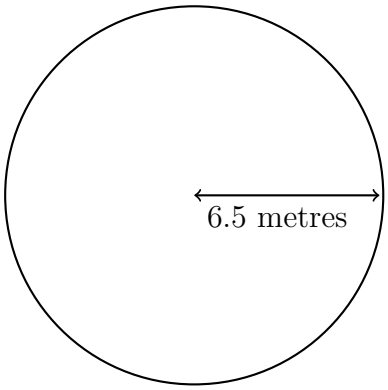
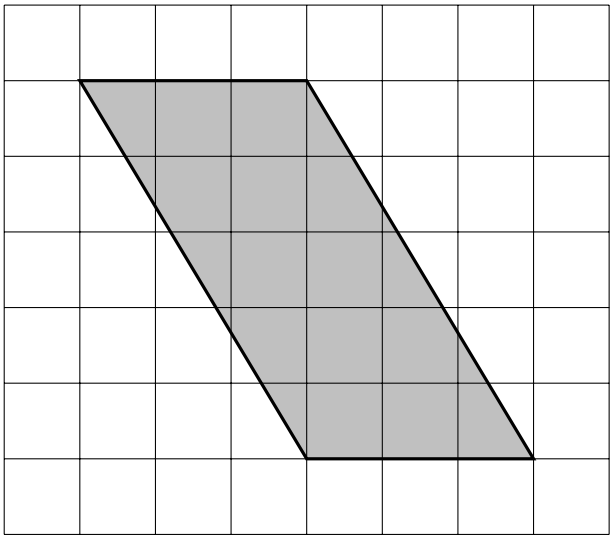


Diagram NOT accurately drawn

   The circus ring is in the shape of a circle.
   The radius of the circus ring is 6.5 metres.

   Work out the area of the circus ring.
   Give your answer correct to the nearest whole number.

7. (a) Here is a parallelogram on a centimetre grid.



Work out the area of the shaded parallelogram.

(b) Here is a parallelogram.

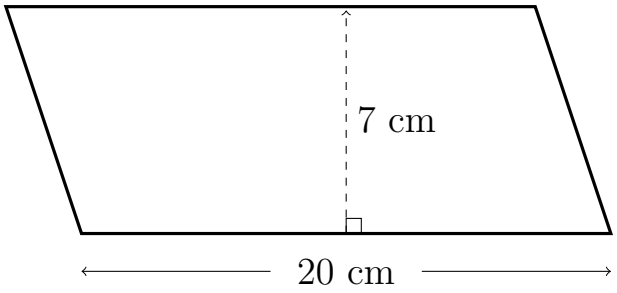


Diagram NOT accurately drawn

Work out the area of the parallelogram.

8. (a) Here is a triangle.

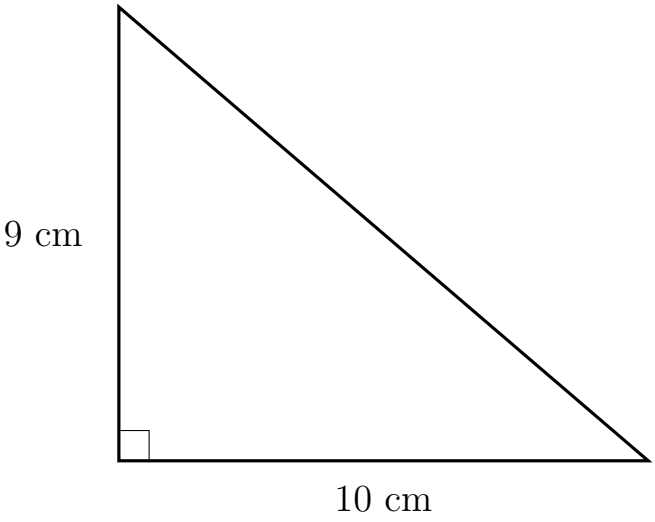
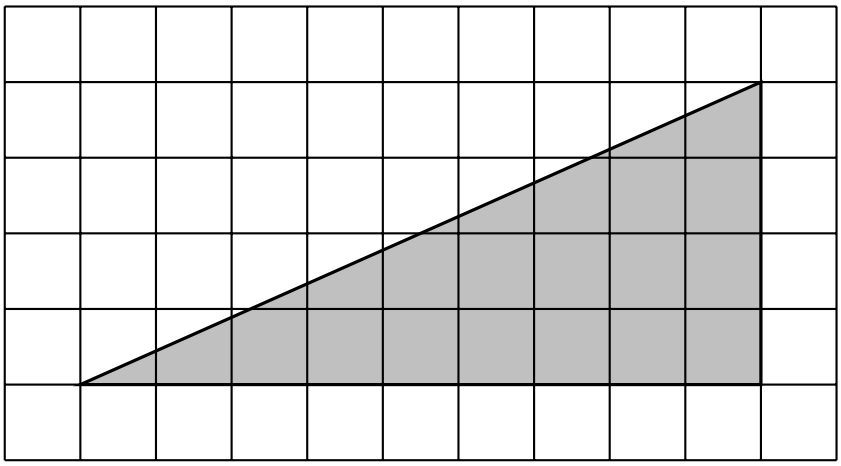


Diagram NOT accurately drawn

Work out the area of the triangle.

(b) Here is a triangle on a centimetre grid.



Find the area of the shaded triangle.

