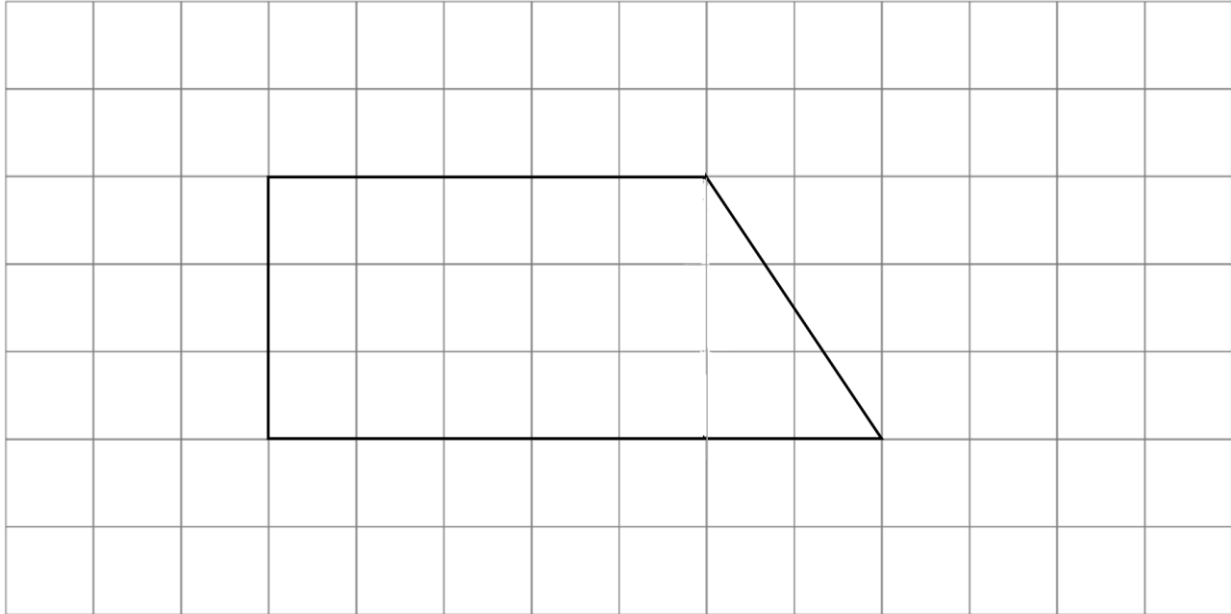


## Area and Perimeter Exam Practice



Q1. Each square in the grid has side length 1 cm. Find the area of the shape below, stating the units.

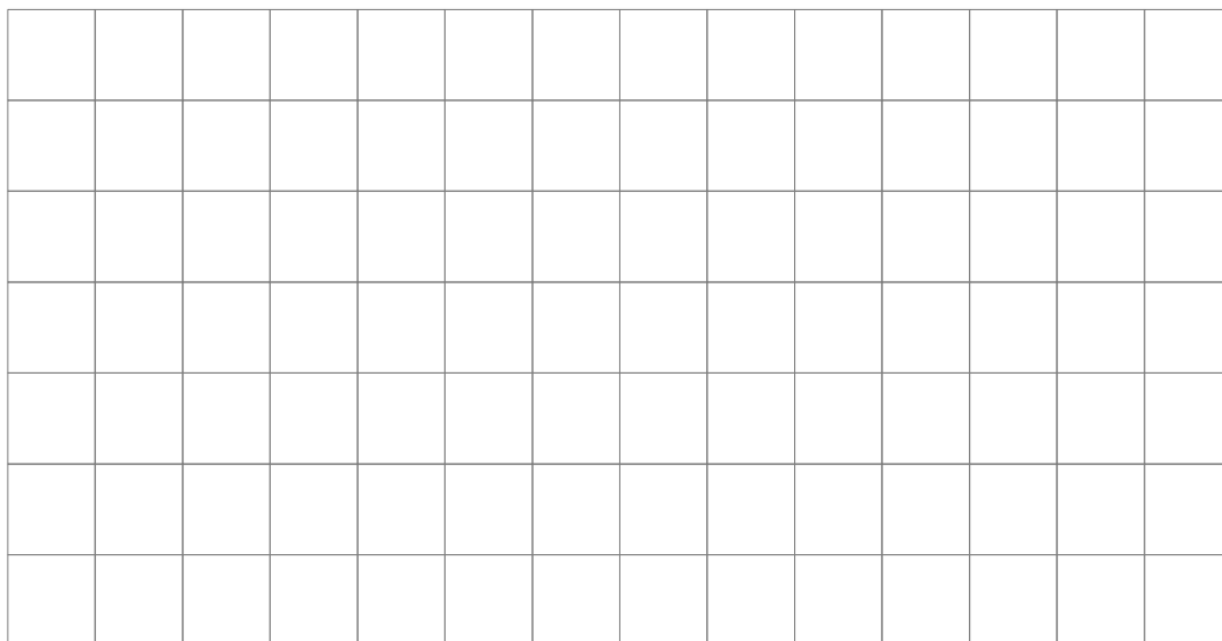


Answer: \_\_\_\_\_  
(2 marks)



Q2. On the grid below, draw a rectangle so that:

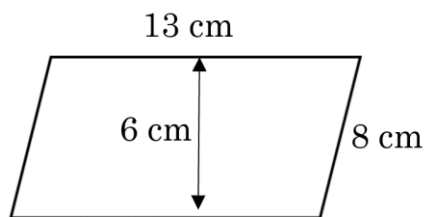
- the width of the rectangle is 7 units less than the length of the rectangle
- the area of the rectangle is  $60 \text{ cm}^2$ .



Answer: \_\_\_\_\_  
(2 marks)



Q3. Here is a shape.



(i) Find the perimeter of the shape shown

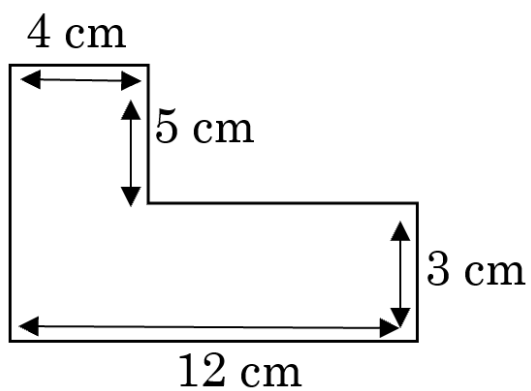
Answer: \_\_\_\_\_  
(2 marks)

(ii) Find the area of the shape shown.

Answer: \_\_\_\_\_  
(2 marks)



Q4.



(i) Find the perimeter of the shape shown

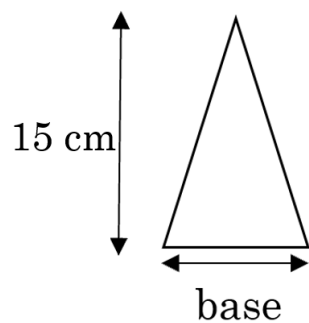
Answer: \_\_\_\_\_  
(2 marks)

(ii) Find the area of the shape shown.

Answer: \_\_\_\_\_  
(2 marks)



Q5. The area of the shape below is  $120 \text{ cm}^2$ , and the perpendicular height is  $15 \text{ cm}$ . Find the value of the base.



Answer: \_\_\_\_\_  
(2 marks)

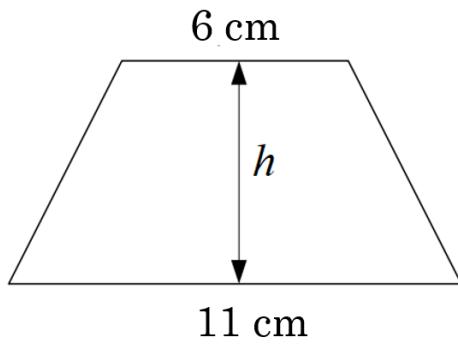


Q6. A square has area  $81 \text{ cm}^2$ . Find the perimeter of the square.

Answer: \_\_\_\_\_  
(2 marks)



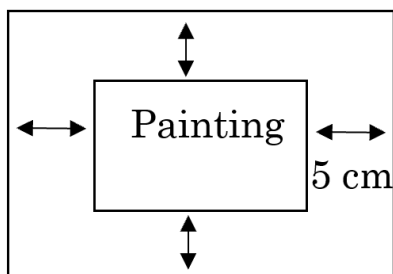
Q7. The area of the shape below is  $68 \text{ cm}^2$ . Find the value of the height  $h$ .



Answer: \_\_\_\_\_  
(3 marks)



Q8. Below is a picture frame which fits around a rectangular painting, which measures 20 cm by 32 cm. The frame is to be decorated by painting it in gold paint. Each pot of paint can cover an area of  $300 \text{ cm}^2$ . If gold paint costs £12.30 per pot, work out the cost of decorating the painting.



Answer: \_\_\_\_\_  
(4 marks)