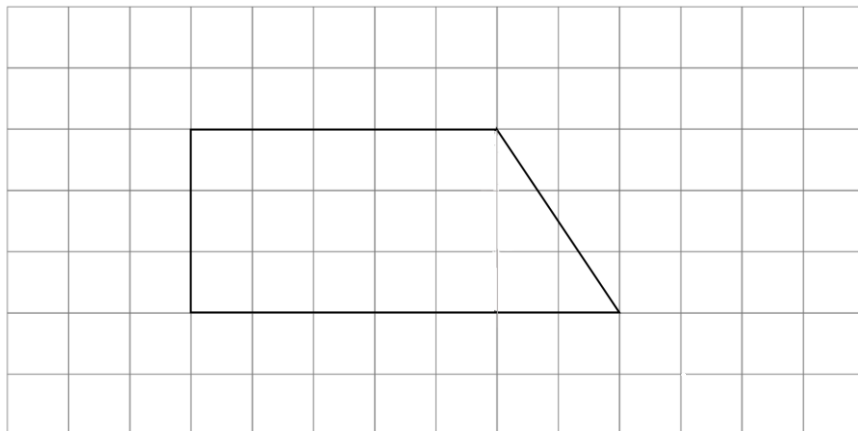




Area and Perimeter Exam Practice

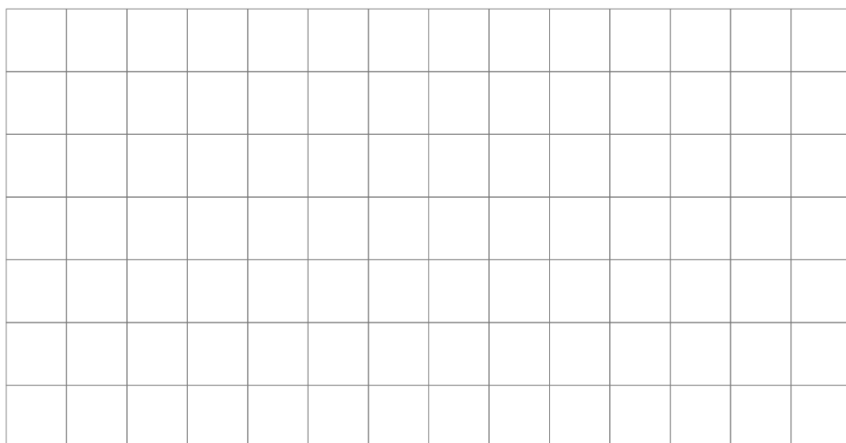
Q1. Each square in the grid has side length 1 cm. Find the area of the shape below, stating the units.



(3 marks)

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

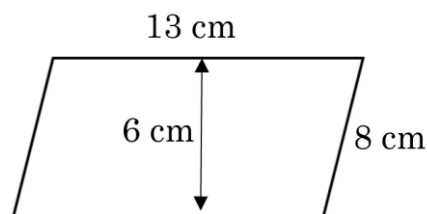
- the width of the rectangle is 7 units less than the length of the rectangle
- the area of the rectangle is 60 cm^2 .



(3 marks)

Q3. (i) Find the perimeter of the shape shown

(ii) Find the area of the shape shown.

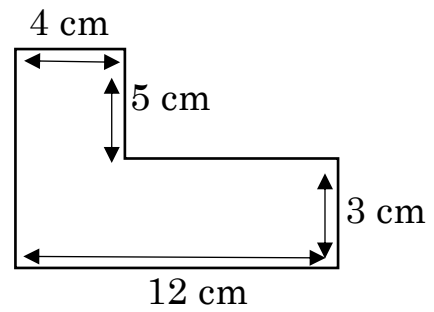


(4 marks)



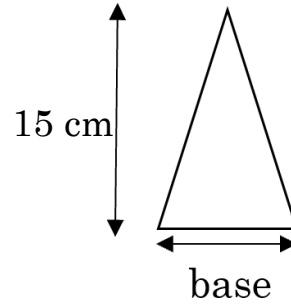
Q4. (i) Find the perimeter of the shape shown

(ii) Find the area of the shape shown.



(4 marks)

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

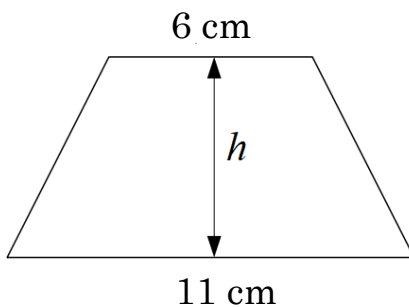


(2 marks)

Q6. A square has area 81 cm^2 . Find the perimeter of the square.

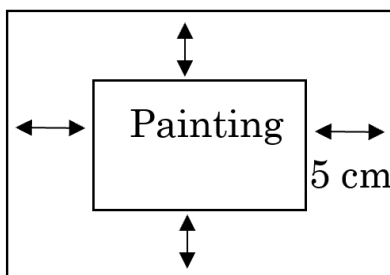
(2 marks)

Q7. The area of the shape below is 68 cm^2 . Find the value of the height h .



(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 cm^2 . If gold paint costs $\text{£}12.30$ per pot, work out the cost of decorating the painting.



(5 marks)