



Name: _____ **Date:** _____ **Score:** _____ / 37

1 A rectangle has length 9 cm and width 4 cm.

a. Work out the area of the rectangle.

b. Work out the perimeter of the rectangle.

(2 marks)

Answer _____

2 A rectangle has corners at the points (1, 2), (8, 2), (8, 5) and (1, 5). Each unit on the grid is 1 cm.

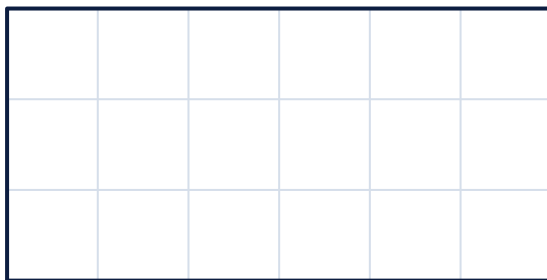
Work out the area of the rectangle.

(2 marks)

Answer _____

3 The rectangle is drawn on a grid of centimetre squares.

Work out the area of the rectangle.



(2 marks)

Answer _____

- 4 A rectangle has area 54 cm^2 and length 9 cm .

Work out the width of the rectangle.

(2 marks)

Answer _____

- 5 Ben wants to work out the perimeter of a square with sides of length 6 cm .

Ben writes:

$$\text{perimeter} = 6 \times 6 = 36 \text{ cm}$$

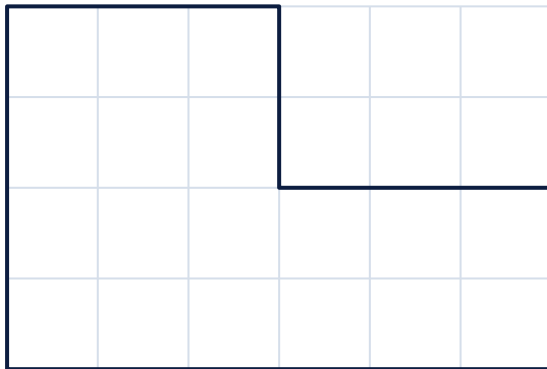
Explain the mistake Ben has made.

(2 marks)

Answer _____

- 6 The L-shape is drawn on a grid of centimetre squares.

Work out the area of the L-shape.



(3 marks)

Answer _____

- 7 A rectangular table top is 2 m long and 80 cm wide.

Work out the area of the table top in cm^2 .

(2 marks)

Answer _____

- 8** A floor is a rectangle 5 m long and 3.5 m wide. Carpet costs £12 per square metre.

Work out the cost of carpeting the floor.

(3 marks)

Answer _____

- 9** A rectangle has area 48 cm^2 and length 8 cm.

Work out the perimeter of the rectangle.

(3 marks)

Answer _____

- 10** A floor plan is a rectangle 6 m by 4 m. A smaller rectangle 2 m by 3 m is cut out of one corner, leaving an L-shape.

Work out the area of the L-shape.

(3 marks)

Answer _____

- 11** Rectangle *A* has length 12 cm and width 5 cm.

Rectangle *B* has width 4 cm. The perimeter of rectangle *B* is equal to the perimeter of rectangle *A*.

Work out the area of rectangle *B*.

(4 marks)

Answer _____

- 12** A rectangular patio is 4.5 m long and 3.6 m wide.

The patio is to be covered completely with square paving slabs. Each slab has sides of length 0.9 m and costs £7.25.

Work out the total cost of the slabs needed. You may assume no slabs are cut.

(4 marks)

Answer _____

- 13 Rectangle P has length 20 cm and width x cm.
Square Q has sides of length 8 cm.
The area of rectangle P is twice the area of square Q .
Work out the perimeter of rectangle P .

(5 marks)

Answer

End of questions | Total 37 marks