

LESSON OBJECTIVE:

To find the length or breadth of a rectangle given its area and the breadth or length.



$$\text{Area} = \text{Length} \times \text{Breadth}$$

$$12 \text{ cm}^2 = 4 \text{ cm} \times \text{Breadth}$$

$$12 \text{ cm}^2 = 4 \text{ cm} \times 3 \text{ cm}$$

Answer:

$$\text{Breadth} = 3 \text{ cm}$$

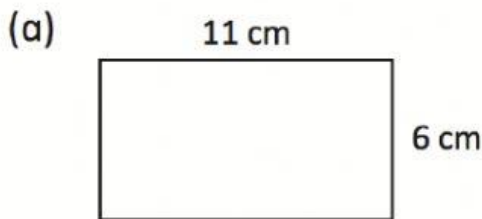
$4 \times 1 = 4$	$4 \times 6 = 24$
$4 \times 2 = 8$	$4 \times 7 = 28$
$4 \times 3 = 12$	$4 \times 8 = 32$
$4 \times 4 = 16$	$4 \times 9 = 36$
$4 \times 5 = 20$	$4 \times 10 = 40$

STEP TO SUCCESS:

- 1) Fill in the given numbers into $A = L \times B$
- 2) Find missing length or breadth.
- 3) List out multiplication of given length / breadth.
- 4) Choose multiplication sentence that have same number as area.

Name: _____

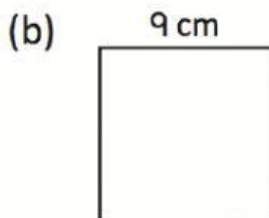
1. Find the area of each figure.



Area of the rectangle

$$= \text{_____} \times \text{_____}$$

$$= \text{_____} \text{ cm}^2$$

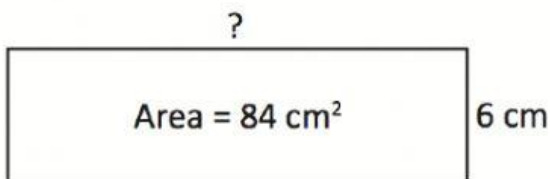


Area of the square

$$= \text{_____} \times \text{_____}$$

$$= \text{_____} \text{ cm}^2$$

2. The area of a rectangle is 84 cm^2 . Its breadth is 6 cm. Find its length.



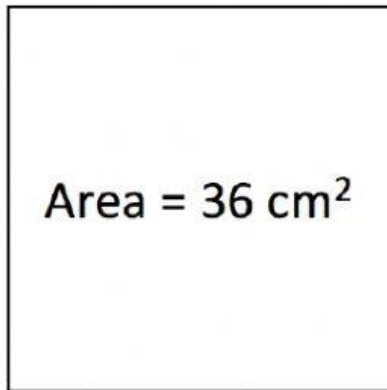
$$\text{Area} = \text{Length} \times \text{Breadth}$$

$$\text{_____} \text{ cm}^2 = ? \times \text{_____} \text{ cm}$$

$$\text{Length} = \text{_____} \text{ cm}$$

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3. The area of the square is 36 cm^2 . Find the length.

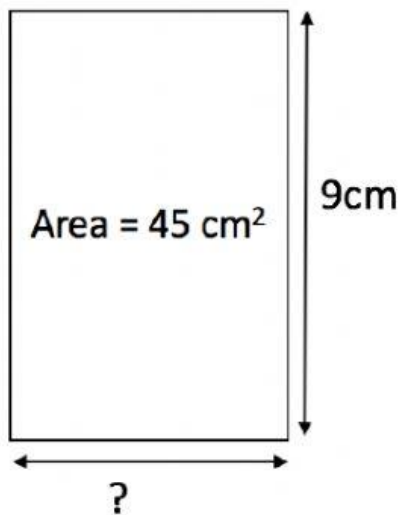


Area of square = length x length

$$\text{_____ cm}^2 = \text{_____ cm} \times \text{_____ cm}$$

$$\text{Length} = \text{_____ cm}$$

4. The area of the rectangle is 45 cm^2 . Find the breadth.



Area of rectangle = length x breadth

$$\text{_____ cm}^2 = \text{_____ cm} \times \text{_____ cm}$$

$$\text{breadth} = \text{_____ cm}$$

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