



Area of Rectangles

FREE Worksheet - 2

Time: 15 minutes

(Detailed solutions at the end)

1. The area of a rectangle is 77 cm^2 and breadth is 7 cm. Find its length.

Answer: length = ____ cm

2. The area of a rectangle is 130 cm^2 and length is 10 cm. Find its breadth.

Answer: breadth = ____ cm

3. The area of a rectangle is 88 cm^2 and breadth is 11 cm. Find its length.

Answer: length = ____ cm

4. The length of a rectangle is 9 cm and its breadth is 6 cm. Find its area.

Answer: area = ____ cm^2

5. The length of a rectangle is 15 cm and its breadth is 6 cm. Find its area.

Answer: area = ____ cm^2



SOLUTIONS

Problem 1

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

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

$$\text{Given area} = 77 \text{ cm}^2 \text{ and breadth} = 7 \text{ cm}$$

$$\text{Therefore, length} = 77 \div 7 = \mathbf{11 \text{ cm}}$$

Problem 2

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

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

$$\text{Given area} = 130 \text{ cm}^2 \text{ and length} = 10 \text{ cm}$$

$$\text{Therefore, breadth} = 130 \div 10 = \mathbf{13 \text{ cm}}$$

Problem 3

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

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

$$\text{Given area} = 88 \text{ cm}^2 \text{ and breadth} = 11 \text{ cm}$$



Therefore, length = $88 \div 11 = 8 \text{ cm}$

Problem 4

Area = Length \times Breadth

Given, length = 9 cm and breadth = 6 cm

Therefore, area = 9 cm \times 6 cm = **54 cm^2**

Problem 5

Area = Length \times Breadth

Given, length = 15 cm and breadth = 6 cm

Therefore, area = 15 cm \times 6 cm = **90 cm^2**