Area of Rectangles

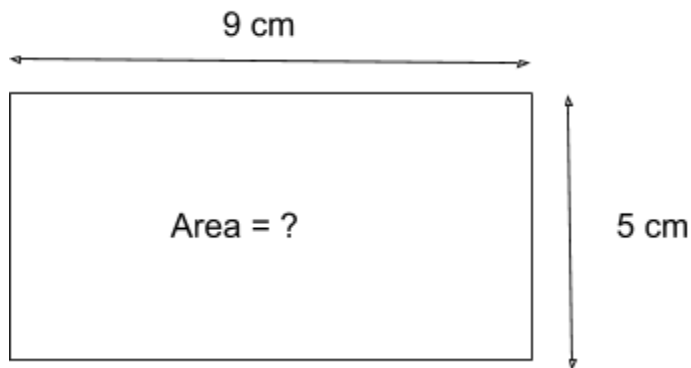**FREE Worksheet - 7**

Time: 15 minutes

(Detailed solutions at the end)
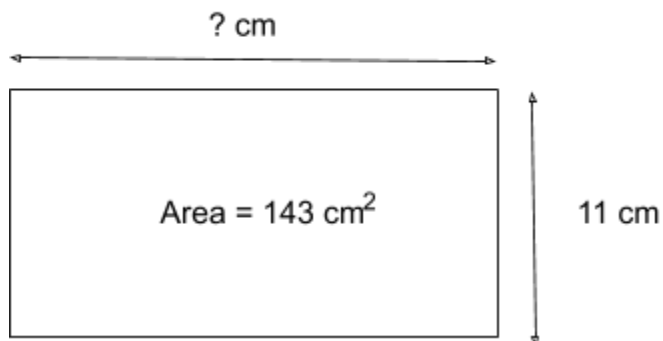
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1. Find the area of the rectangle below:

9 cm

Area = ?

5 cm

Answer: _____ cm^2

2. Find the length of the rectangle below:

? cm

Area = 143 cm^2

11 cm

Answer: _____ cm

3. The length of a rectangle is 14 cm and its breadth is 7 cm. Find its area.

Answer: _____ cm^2

4. The length of a rectangle is 11 cm and its breadth is 8 cm. Find its area.

Answer: _____ cm^2

5. The length of a rectangle is 13 cm and its breadth is 9 cm. Find its area.

Answer: _____ cm^2

SOLUTIONS

Problem 1

Area = Length × Breadth

Given, length = 9 cm and breadth = 5 cm

Therefore, area = 9 cm × 5 cm = **45 cm²**

Problem 2

Area = Length × Breadth

Length = Area ÷ Breadth

Given, area = 143 cm² and breadth = 11 cm

Therefore, length = 143 ÷ 11 = **13 cm**

Problem 3

Area = Length × Breadth

Given, length = 14 cm and breadth = 7 cm

Therefore, area = 14 cm × 7 cm = **98 cm²**

Problem 4

Area = Length × Breadth

Given, length = 11 cm and breadth = 8 cm

Therefore, area = 11 cm × 8 cm = ***88 cm^2***

Problem 5

Area = Length × Breadth

Given, length = 13 cm and breadth = 9 cm

Therefore, area = 13 cm × 9 cm = ***117 cm^2***