Area of Rectangles

FREE Worksheet - 4

Time: 15 minutes

(Detailed solutions at the end)

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1. The length of a rectangle is 11 cm and its breadth is 6 cm. Find its area.

   a. 60 cm^2 b. 66 cm^2
   c. 84 cm^2 d. 48 cm^2

   Answer: ____

2. The area of a rectangle is 126 cm^2 and length is 14 cm. Find its breadth.

   a. 5 cm b. 6 cm
   c. 9 cm d. 7 cm

   Answer: ____

3. The area of a rectangle is 195 cm^2 and breadth is 13 cm. Find its length.

   a. 14 cm b. 12 cm
   c. 9 cm d. 15 cm

   Answer: ____

4. The area of a rectangle is 192 cm^2 and length is 12 cm. Find its breadth.

   a. 16 cm b. 13 cm
   c. 12 cm d. 15 cm

   Answer: ____

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

b. 119 cm^2
b. 117 cm^2
c. 97 cm^2
d. 20 cm^2

Answer: ____

SOLUTIONS

Problem 1

Answer: b

Area = Length × Breadth

Given, length = 11 cm and breadth = 6 cm

Therefore, area = 11 cm × 6 cm = ***66 cm^2***

Problem 2

Answer: c

Area = Length × Breadth

Breadth = Area ÷ Length

Given area = 126 cm^2 and length = 14 cm

Therefore, breadth = 126 ÷ 14 = ***9 cm***

Problem 3

Answer: d

Area = Length × Breadth

Length = Area ÷ Breadth

Given area = 195 cm^2 and breadth = 13 cm

Therefore, length = 195 ÷ 13 = ***15 cm***

Problem 4

Answer: a

Area = Length × Breadth

Breadth = Area ÷ Length

Given area = 192 cm^2 and length = 12 cm

Therefore, breadth = 192 ÷ 12 = ***16 cm***

Problem 5

Answer: b

Area = Length × Breadth

Given, length = 13 cm and breadth = 9 cm

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