Year 4
Chapter 13
Topic: Area and Perimeter
Sub Topic:Perimeter of Rectangles

Name: _____ Date: _____

Lesson Objectives	Steps to follow
1) To find the **length or breadth** of a rectangle given its perimeter and the breadth or length respectively.	1) Write the formula **2)** To **find perimeter**, we **add** all the sides. **3)** To **find Length / Breadth**, we **divide** the given **perimeter by 2** then **subtract** the result by the length or breadth. 4) **Write the unit** in cm or m.

Perimeter of a Rectangles



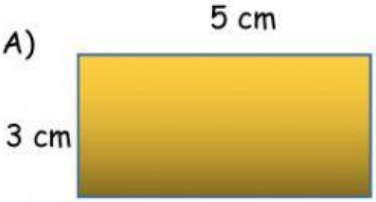
Perimeter of rectangle = Length + Breadth + Length + Breadth

OR

= 2 x Length + Breadth

Example: Find the perimeter of the figure below.

A)

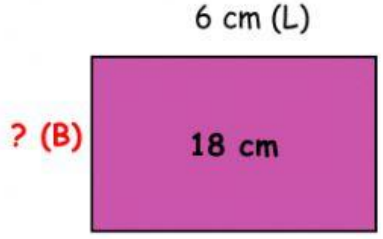


Perimeter of rectangle

= 5 cm + 3 cm + 5 cm + 3 cm

= 16 cm

B) Find the missing side given the area,



Perimeter = 18 ÷ 2
= 9 cm

Length = 6 cm
Breadth = 9 - 6
= 3 cm

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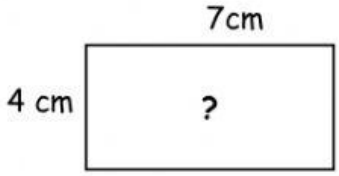
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Exercise 1.

Find the area of each figure below.

1)

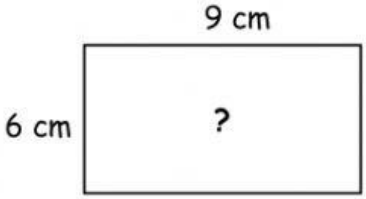


Perimeter of rectangle

= _____ cm + _____ cm + _____ cm +_____ cm

= _____ cm

1)

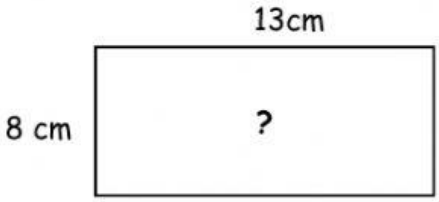


Perimeter of rectangle

= _____ cm + _____ cm + _____ cm +_____ cm

= _____ cm

2)

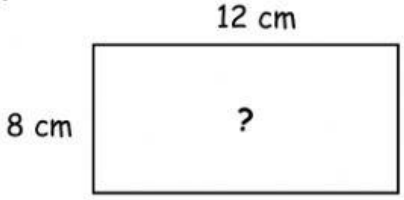


Perimeter of rectangle

= _____ cm + _____ cm + _____ cm +_____ cm

= _____ cm

3)



Perimeter of rectangle

= _____ cm + _____ cm + _____ cm +_____ cm

= _____ cm

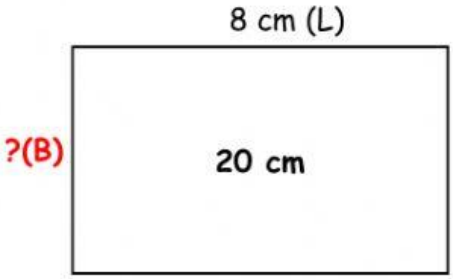
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Exercise 2

Find the Length or Breadth given perimeter.

4) The **perimeter of rectangle is 20 cm.** Its **length is 8 cm** . Find the **breadth** of the rectangle.



Perimeter = 20 ÷ 2

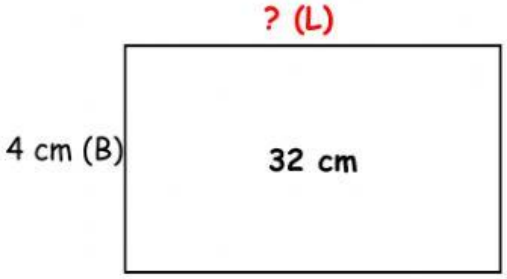
= _____ cm

Length = _____ cm

Breadth = _____ - _____

= _____ cm

5) The **perimeter of rectangle is 32 cm.** Its breadth **is 4 cm** . Find the **breadth** of the rectangle.



Perimeter = 32 ÷ 2

= _____ cm

Breadth = _____ cm

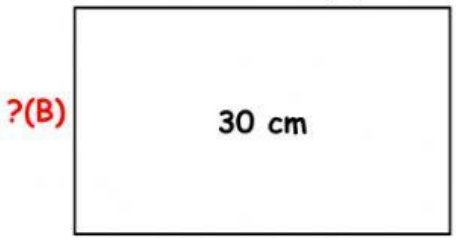
Length = _____ - _____

= _____ cm

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6) The **perimeter of rectangle is 30 cm.** Its **length is 18 cm** . Find the **breadth** of the rectangle.



Perimeter = _____ ÷ 2

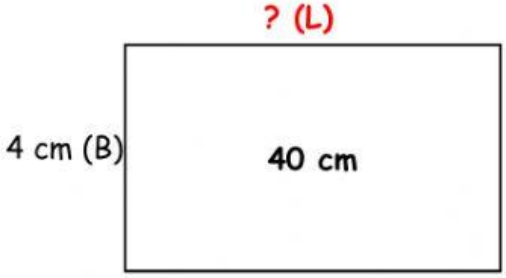
= _____ cm

Length = _____ cm

Breadth = _____ - _____

= _____ cm

7) The **perimeter of rectangle is 40 cm.** Its breadth **is 4 cm** . Find the **breadth** of the rectangle.



Perimeter = _____ ÷ 2

= _____ cm

Breadth = _____ cm

Length = _____ - _____

= _____ cm

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