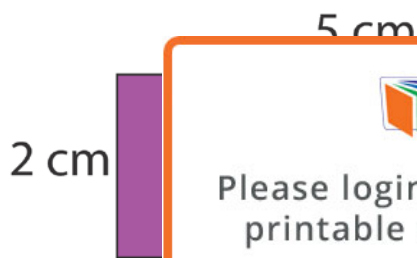# AREA AND PERIMETER

AREA

The area of a figure is the space INSIDE the figure.

Area is usually written in terms of square centimeters, inches, feet, etc.

Finding the area of a rectangle:

Area of a rectangle = the **length X width** of the rectangle

The length (longer side) of this rectangle = 5 cm
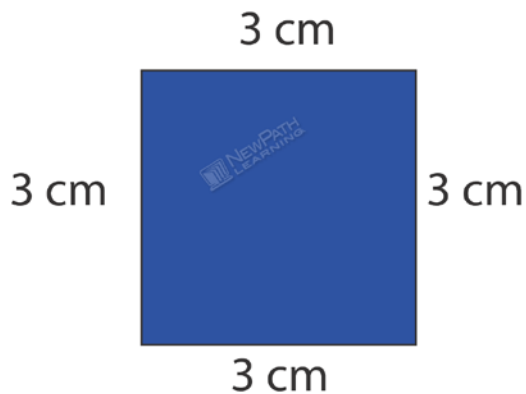
The width (shorter side) of this rectangle = 2 cm

So the **area** of this rectangle = 5 X 2

      5 X 2 = 10 **square cm**

The **area** of this rectangle = 10 cm

Finding the area of a square is very similar.
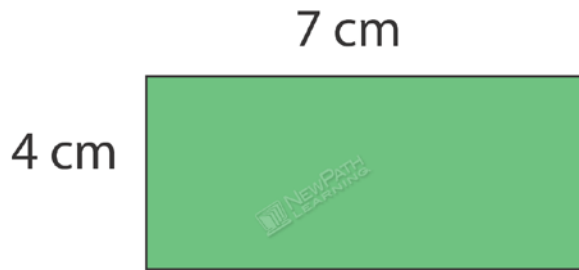
Area of a square = **side length X side length**

3 cm

3 cm   3 cm

3 cm

All sides of

So the **are**

3 X

The **area** of this rectangle = 9 square cm

You Try:

7 cm

4 cm

What is the area of this rectangle?

    a] 28 cm
    b] 14 cm
    c] 36 cm
    d] 11 cm

Answer: 2

PERIME

The **perim** perimeter
is the **sum**

To find the **perimeter** of a polygon, you ADD the lengths of each side together.

Let's Practice:

8 cm

3 cm
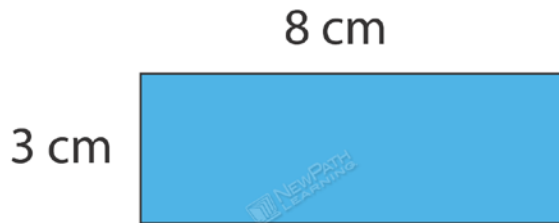
Step 1: First, you need to find out the lengths of the other two sides.

We know that in a rectangle the OPPOSITE sides are the SAME length.

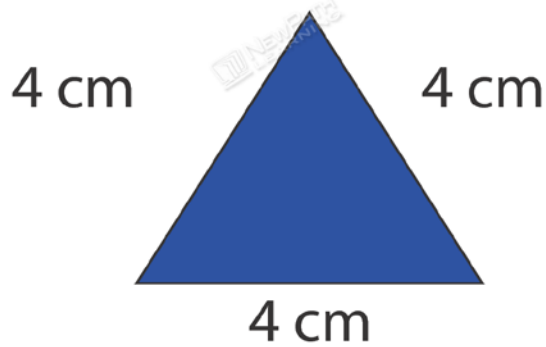**Step 2:** Let's add the length of the longer sides first (length):

Step 3:

Step 4:

16 + 6 = 22

Answer: The **perimeter** of the rectangle = 22 cm

You Try:

What is the perimeter of this triangle?

    a] 4 cm
    b] 8
    c] 12
    d] 16

Answer: c