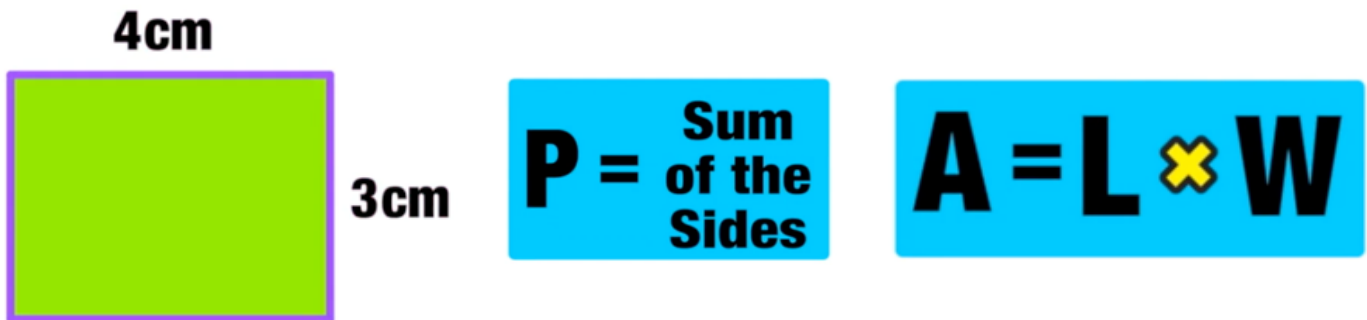Name: _____

Lesson Guide

This lesson guide accompanies the following video lesson:

Finding Perimeter and Area of Rectangles

Key Definitions:

The **Perimeter (P)** of a rectangle is the measure of the length along the entire _____ of the figure.

The **Area (A)** of a rectangle is all of the space _____ of the figure. Area is measured in square units.

4cm

3cm

$P = $ Sum of the Sides

$A = L \times W$

Example 01: Find the perimeter and area of the figure above.

Perimeter=

Area=

Example 02:

How many feet of fencing would a farmer need if she wanted to enclose a rectangular garden that is 12 feet long and 8 feet wide?

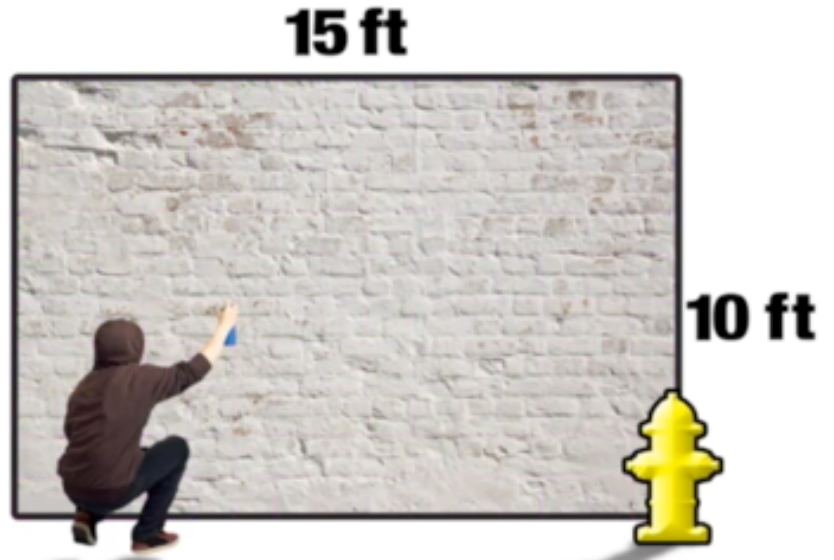Is this problem asking you to find **perimeter** or **area**? _____

My Answer: _____

Example 03:

Craig is painting a mural on the side of a building that is 15 feet long and 10 feet wide. How many square feet will need to be painted to complete the mural?

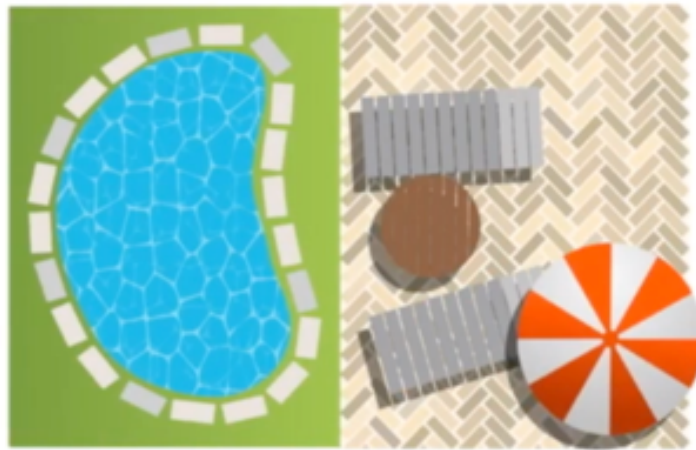Is this problem asking you to find **perimeter** or **area**? _____

15 ft

10 ft

My Answer: _____

Example 04:

Maria has constructed a rectangular fence, with a perimeter of 200 ft, around her backyard swimming pool. If the width of the enclosure is 60 ft, how many feet is the length?

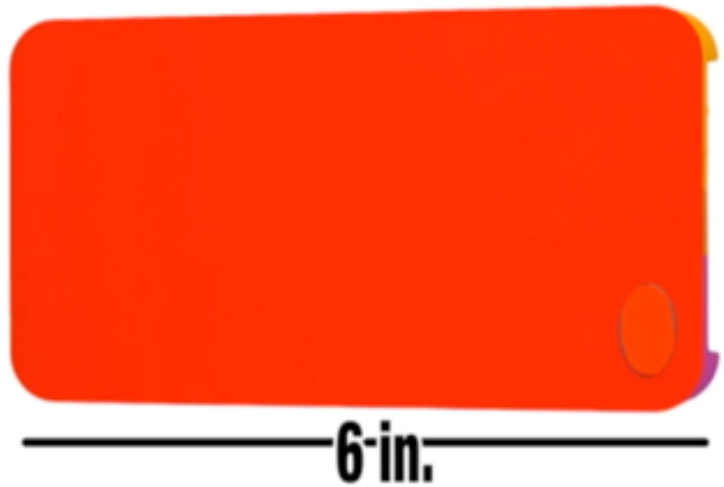What exactly is this problem asking you to find?

My Answer: _____

Example 05:

Alex and David own a company that makes vinyl skins for Smart Phone covers. If each rectangular skin has a length of 6 inches and an area of 18 square inches, what is the width of each case?

What exactly is this problem asking you to find?

—————6·in.—————

My Answer: _____