PERIMETER

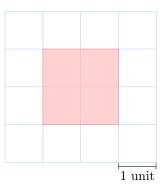
A DEFINITION

Definition **Perimeter**

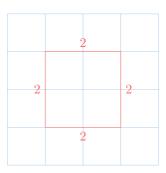
The **perimeter** of a shape is the total length around its outside edge.

To find the perimeter, imagine walking around the shape like it's a park. Count the number of unit lengths along each side as you go.

Ex: Find the perimeter of the red shape:



Answer:



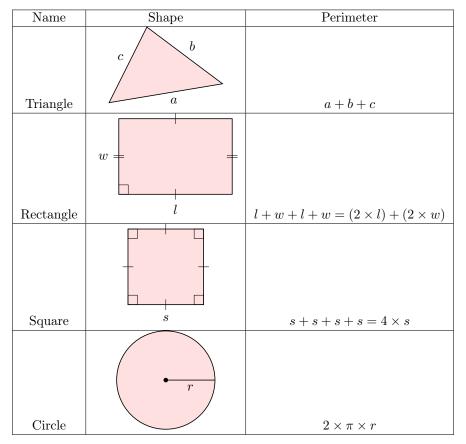
To find the perimeter, we add the length of all 4 sides : 2+2+2+2. The perimeter is 8 units.

B PERIMETER OF COMMON SHAPES

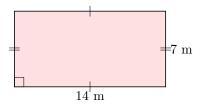
Method Finding a Polygon's Perimeter _____

To find the perimeter of any polygon (a shape with straight sides), add up the lengths of all its sides.

Proposition **Perimeter Formulas**



Ex: Find the perimeter of the rectangle:



Answer: This is a rectangle with length L = 14 m and width l = 7 m. Using the formula for the perimeter of a rectangle:

$$P = (2 \times L) + (2 \times l)$$
= $(2 \times 14) + (2 \times 7)$
= $28 + 14$
= $42 \,\mathrm{m}$

So, the perimeter is 42 meters.

C PERIMETER OF COMPOSITE FIGURES

Definition Composite Figure

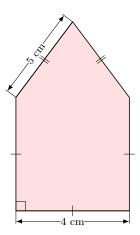
A **composite figure** is a shape made up of two or more simple shapes, like triangles, rectangles, or squares, combined together.

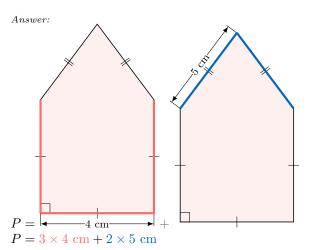
Method Finding the Perimeter of a Composite Figure .

To find the perimeter of a composite figure:

- 1. Identify all the outer sides of the shape.
- 2. Add the lengths of these outer sides together to find the total perimeter.

Ex: Find the perimeter of the composite figure:





P = 22 cm