

PERIMETERS AND AREAS
of
RECTANGLES AND TRIANGLES

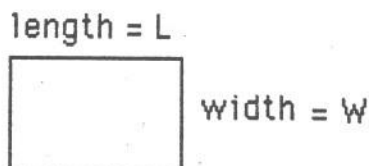


RECTANGLE

Properties of a rectangle

- has four sides
- opposite sides are parallel
- opposite sides are equal in length
- all vertices (corners) are right angles

Sketch of a rectangle

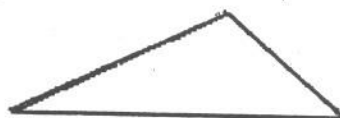


TRIANGLE

Properties of a triangle

- has three sides and three angles
- sum of the angles is 180°

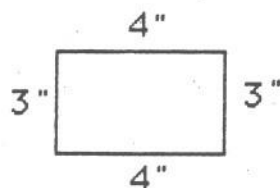
Sketch of a triangle



PERIMETER

The perimeter of a geometric figure is the total of the lengths of the sides.

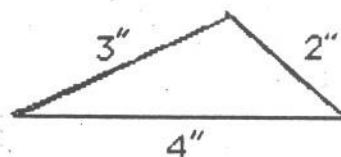
Rectangle



$$\text{Perimeter} = 4'' + 4'' + 3'' + 3'' = 14''$$

General formula: $p = 2L + 2W$
where L = length and W = width

Triangle



$$\text{Perimeter} = 2'' + 3'' + 4'' = 9''$$

General formula: $p = s_1 + s_2 + s_3$
where s_1 , s_2 , and s_3 denote the lengths
of the sides

