

A **composite figure** is made up of triangles, squares, rectangles, and other two-dimensional figures.

To find the **area of the composite figure**, separate it into figures with areas you know how to find. Then add those areas.

The figure can be separated into a rectangle and a triangle. Find the area of each.

Area of Rectangle

$$(A=bh)$$

$$A=10 \times 6$$

$$A=60 \text{ in}^2$$

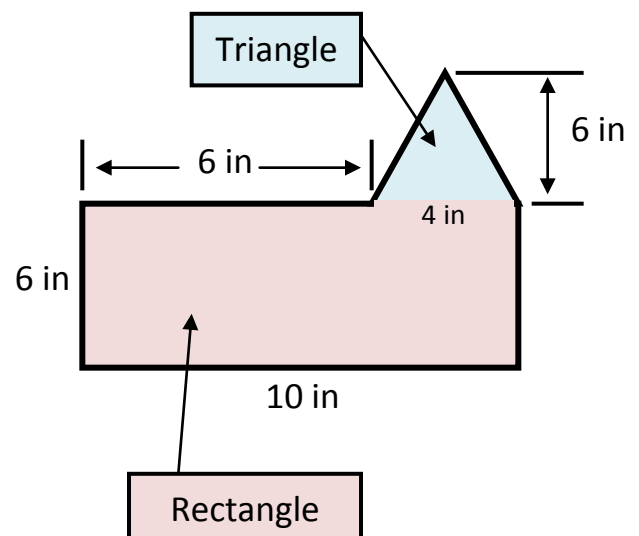
Area of Triangle

$$(A= \frac{1}{2} bh)$$

$$A= \frac{1}{2} (4) (6)$$

$$A=12 \text{ in}^2$$

The area is 60 + 12 or 72 square inches. (72 in²)



Useful Area Formulas:

Rectangle: $A = bh$

Triangle: $A = \frac{1}{2} bh$

Trapezoid: $A = \frac{1}{2} h (b_1 + b_2)$

Parallelogram: $A = bh$