



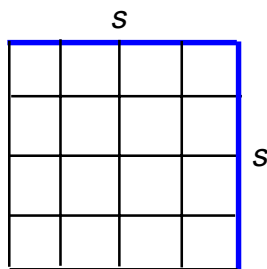
Math Study Strategies

Math for Landscaping

Creating Visuals for Area Word Problems

Area is a measure of two-dimensional surface space. Lawns, gardens, parks, carpets, and walls are measured in terms of area. Area is expressed as **square units** (such as in^2 , cm^2 , ft^2).

To solve a problem that involves area, draw a diagram or a sketch. Then, see if you can use one of the more common area formulas for finding the area. Some area formulas, along with accompanying visuals, are shown below.

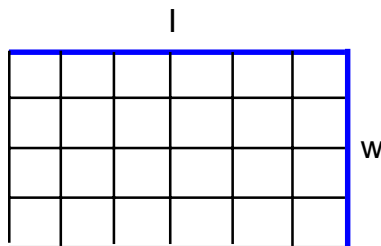


Area of Square

$$A = s^2$$

where:

A is the **area**
 s is a **side**.

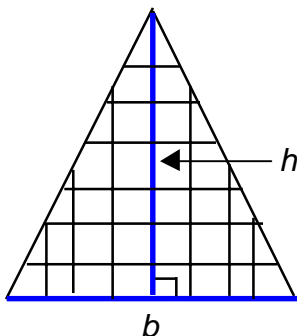


Area of a Rectangle

$$A = lw,$$

where:

A is the **area**
 l is the **length**,
 w is the **width**.



Area of a Triangle

$$A = \frac{1}{2} bh,$$

where:

A is the **area**,
 b is the **base**,
 h is the **height**.

