Perimeter

Perimeter is the outside measurement of an object. Refer to Lesson 2.
1. For most objects you can add the sides.
2. For circles, the formula is $Perimeter = \pi \cdot d.$
3. Perimeter is stated as plain units

Area

Area is the inside measurement of an object. Refer to Lesson 5.
1. For rectangles, the formula is $Area = l \cdot w.$
2. For circles, the formula is $Area = \pi \cdot r^2.$
3. Area is stated as square units.

Example 1: Find the area of a circle with a radius of 2 inches.

Example 2: Find the area of a circle with a diameter of 2 inches.

Volume

Volume is the inside measurement of an 3 dimensional object, such as a box.
1. For rectangles, the formula is $Volume = l \cdot w \cdot h.$
2. Volume is stated as cubic units.

Example 3: Find the volume of a box with measuring 4 x 5 x 3 inches.