**Unit 2 Vocabulary**

**Variables:** things that have an effect on one another; represented in equations by a letter.

**Inverse Operations:** operations that undo each other, such as addition/subtraction and multiplication/division.

**Commutative Property of Addition:** property that allows us to move numbers around when we add them.

**Ratio:** the comparison of two numbers.

**Substitution:** replacing a variable with a number value.

**Proportion:** two or more ratios that are equal.

**Additive Identity Property:** the sum of any number and zero is the number itself.

**Numeric Equation:** an equation containing only numbers.

**Algebraic Equation:** an equation that contains numbers and variables.

**Similarity:** when corresponding sides of shapes or objects have equal ratios of length.

**Corresponding Sides:** two sides of similar shapes; their ratios of length are equal.

**Scale Drawing:** a drawing that shows objects in a size relative to their actual size.

**Tape Diagram:** a model used to make sense of word problems.