**Chapter 2 Expressions and Equations**

**Expression –** a mathematical statement that does not have an equal sign

**Equation** – a mathematical statement that two expressions are equal. Has an

 equal sign

**Numerical expression –** ­ a math expression which contains numbers and

 operations signs

**algebraic expression** – a math equation which uses both number and variables.

**Variable –**  a letter used to represent a number.

**Constant –**  a term that does not have a variable

**Coefficient** – ­ the number which is before a variable. If there is no number in

 front of the variable it is always 1.

**evaluate** ꟷ­ to solve.

**Solution** – ­ the answer.

**Substitute –** replace the variable with the given value of the variable

**inverse operations –**  ­ the opposite operations. Addition and subtraction are inverse operations. Multiplication and division are inverse operations.

**Term –** ­ a number, a variable, or a combination of a number and variable.

 Terms are separated by operation signs. Ex.

**Like Terms –** have the same variable and exponent Ex

**Combining like terms** – add or subtract that are the same. Ex

**Closed sentence –** a numerical statement. Does not have variable and can be

 either true or false. Ex

**Open Sentence –** algebraic statements which are neither true or false

**Inverse operations** – ­ the opposite operations. Addition and subtraction are

 inverse operations. Multiplication and division are inverse operations.

**Isolate the variable –** get the variable by itself

**Distribute –** multiply the number outside the parenthesis by everything inside the

 parenthesis

**Formula –** an equation or rule that shows a relationship between quantities

**Two – step equations –** requires two operations