

Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_

## **VOCABULARY DEFINITIONS**

### **UNIT 1A: THE NUMBER SYSTEM**

**Real Numbers** – The set of all numbers that are not negative square roots.

**Rational Numbers** – The set of all numbers that can be written as  $a/b$  (as a fraction).

**Integer** - Any number in the set  $\{\dots, -3, -2, -1, 0, 1, 2, 3, \dots\}$  where  $\dots$  means continues indefinitely.

**Whole Numbers** – The set of all positive non-fractions including zero.

**Natural Numbers** – The set of all positive non-fractions not including zero.

**Irrational Numbers** – The set of all numbers that cannot be written as a fraction.

**Imaginary Numbers** – The set of square roots of negative numbers.

**Number Line** - A line with numbers.

**Absolute Value** - Distance from any number to zero.

**Additive Inverse** - Two integers that are opposite.

**Zero Pair** - When added, a pair of numbers consisting of one positive number and its opposite.

**Difference** - The answer to a subtraction problem.

**Product** - The answer to a multiplication problem.

**Quotient** - The answer to a division problem.

**Divisor** - The quantity by which another quantity is to be divided (the bottom of a fraction; aka denominator).

**Dividend** - The quantity that is divided by the divisor (the top of a fraction; aka numerator).