**Algebra I**

**Definitions**

**Integers**- A whole number that is written without fractions.

**Expression**-is a mathematical phrase that contains numbers, operators and/or variables.

**Numerical** **Expression**- A mathematical expression that consists of only numbers and operators.

**Algebraic** **Expression**- is a mathematical expression that consists of constants, variables and operators (+, - , \* , / )

**Variable**- a letter that represents a changing number. Typically a letter at the end of the alphabet (i.e. x , y , z).

**Constant**- a number that does not change. Can also be represented by a letter (typically at the beginning of the alphabet i.e. a, b, c)

**Coefficient**- A number that is multiplied by a variable.

**Fraction**- Represents a part of a whole.



**Factors**- Numbers when multiplied together give you a product.

Example

(4x + 1) \* (2x - 3) = 100

**The factors are in Red**

**Terms**- parts of an expression that are added.

Example

22x + 17y

**The Terms are in Blue.**

