Vocabulary- Important words to remember!!!!

1. Variable:

 *Fancy Definition:* A letter used to represent a range of numbers.

 *Easy Definition:* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 *Example:* $4x$*→* $x $is the variable; $3y^{2}$→ $y$ is the variable

1. Coefficient:

*Fancy Definition* - A term in an expression that consists of a number multiplied by one or more variables, the number is the coefficient.

*Easy Definition -* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Example -* $4x$ → 4 is the coefficient

1. Like Terms:

*Fancy Definition:* Terms that have the same variables with each

variable of the same kind raised to the same power.

*Easy Definition: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

*Examples:* $3x, x, and 105x$*→* like terms; $3x^{3}, x^{3}, and 6x^{3}$→ like terms

1. Simplified Expression:

*Fancy Definition:* An expression is simplified if it has no grouping symbols and is all the like terms have been combined.

*Easy Definition:* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Examples:* $4x+3x-2y^{2}$→ $7x-2y^{2}$→ because the $4x and 3x$ are like terms, I can combine them by adding getting $7x$. $-2y^{2}$does not have a like term so it remains the same all alone.