Parts of an Expression

operation

coefficient

constant

variable

Combining Like Terms

 Use highlighters to show the like terms. Combine the terms that are alike.

 Ex: Ex:

Using Substitution

order

operations

input

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_the value and use \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Ex: Ex:

75

36

Distributive Property

terms

Multiply

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the number outside of the parentheses by both \_\_\_\_\_\_\_\_\_\_\_\_\_\_ inside the parentheses.

 Ex: Ex:

 Distribute and Combine

combine

Distribute

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ first then \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ like terms.

 Ex: Ex:

Factor

Greatest

Factor

Common

 Find the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of each term.

outside

 That goes on the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the parentheses. Then determine what goes on the inside.

 Ex: Ex:

 Distribute to check.

Solving One Step Equations

 Use Inverse Operations

subtraction

 Inverse operation of addition is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

addition

 Inverse operation of subtraction is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

division

 Inverse operation of multiplication is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

multiplication

 Inverse operation of division is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Ex: Ex:

 9

 Ex: Ex:

Inequalities

 Use a filled in circle for \_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_

 Use an empty circle for \_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_

 Find values that make the statement true and draw the arrow to include the true values.

 Ex: Ex: