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: