## Equations and Inequalities - Pree-3

Topic: Equations and Inequalities

## Date:

## Objectives: SWBAT (Solve multi-step equations and inequalities)

| Main Ideas: | Assignment: |
| :---: | :---: |
|  | \#1) Do you have any grouping symbols like ( ) or [ ]? Yes No <br> \#2) Do you have like terms on either side of the equal Yes No sign? <br> \#3) Do you have variables on both sides of the equal sign? <br> \#4) Do you have constant on the side of the equation that the variable is on? <br> \#5) Do you have a coefficient attached to the variable Yes No other than 1 ? <br> Example: $2(4 x-7)+15=8$ <br> Check: $2\left(4\left(\_\right)-7\right)+15=8$ |
|  | Addition Property of Equality <br> Subtraction Property of Equality <br> Multiplication Property of Equality <br> Division Property of Equality <br> Distributive Property <br> Identity - Infinitely Many Solutions $x+2=x+2$ <br> No Solution $x=x+1$ |





