Grade 6 Math   Name: _____

                                Date: _____ Core/Period: _____

Solutions to Equations and Inequalities Guided Notes

SOLUTION? It's the value or values that make an equation or inequality true.

EXAMPLE:

        Is **t =** ___ a solution to the following _____?

$6t + 13 = 6t - 13$ $14 - 2t = 2t - 14$ $9t \div 9 = 4t \div 4$

STEP 1: _____ – "plug-in" or replace the variable with the possible
solution.

_____   _____   _____

STEP 2: _____ – evaluate the _____ on either side
of the equation/inequality.

_____   _____   _____
_____   _____   _____

STEP 3: _____ – determine if the mathematical statement is _____.

_____   _____   _____

        Is **t=**___ a solution for the following _____?
            (* Follow the same steps as above for inequalities as equations.)

9t ÷ 9 < 4t ÷ 4   **9t ÷ 9 > 4t ÷ 4**   **9t ÷ 9 ≤ 4t ÷ 4**   **9t ÷ 9 ≥ 4t ÷ 4**

_____   _____   _____   _____

_____   _____   _____   _____

_____   _____   _____   _____

_____   _____   _____   _____