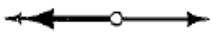


Solving Inequalities Cue Card – Words Only

Inequality Symbols: Always read from the variable!	Symbol	Words	Graph
	$<$	"less than"	
	$\leq$	"less than or equal to", "no more than", "at most"	
	$>$	"greater than"	
	$\geq$	"greater than or equal to", "no less than", "at least"	

Example: $x > 5$ reads "x is greater than 5"; $5 > x$ reads "x is less than 5".

Inverse Operations: Addition & Subtraction
 Positive # & Negative #
 Multiplication & Division

When Multiplying or Dividing
 by a negative number
FLIP THE SYMBOL!

Solving 1-Step Inequalities Cue Card

Step 1:	Use inverse operations to undo the constant or coefficient on the same side of the variable *FLIP the inequality sign if you multiply or divide by a negative number
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Solving 2-Step Inequalities Cue Card

Step 1:	Use inverse operations to undo the constant on the same side of the variable
Step 2:	Undo the multiplication or division *FLIP the inequality sign if you multiply or divide by a negative number

Solving Multi-Step Inequalities

(v1)

Step 1:	Distribute	
Step 2:	Combine Like Terms on the SAME side of the equal sign	
Step 3:	Is there a variable on both sides?	
	Yes; Use inverse operations to move the variable term to the left	No; Go to Step 4
Step 4:	Use inverse operations to undo the constant on the same side of the variable	
Step 5:	Use inverse operations to undo any multiplication or division *FLIP the inequality sign if you multiply or divide by a negative number	