

1. Simple Inequality \rightarrow one symbol only.
 \rightarrow if you divide or multiply both sides by a negative then switch symbol direction.

2. Compound Inequalities \rightarrow Two inequality signs.

"AND"
 Overlap or intersection

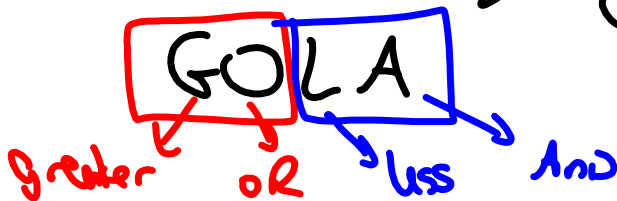
"OR"
 Both pieces accepted as true.

* CAN be written without "AND"

ex: $-8 < 2x-3 \leq 12$

$2x-3 > -8$ And $2x-3 \leq 12$

3. Absolute Value Inequality:



4. Graph 2 variable inequalities.

1. DOTTED OR solid
 $(<, >)$ (\leq, \geq)

2. Shade Above or Below
 $(>, \geq)$ $(<, \leq)$

