Solving and Graphing Multi-Step Inequalities Notes

Distributive Property Example:

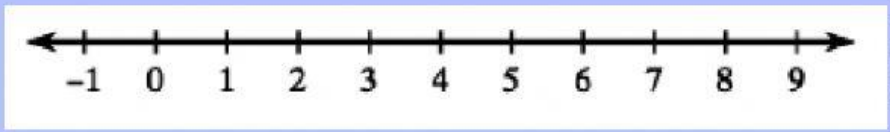
$3(2x + 1) \geq 15$

$3(2x + 1) \geq 15$

≥ 15

$\geq$

$\geq$



Interval Notation Solution:

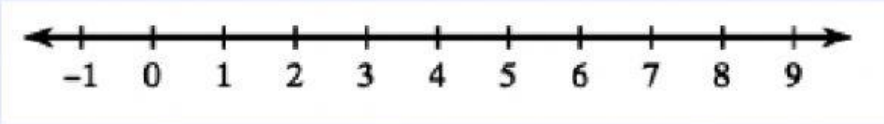
Graphing Tool Kit:

Combining Like Terms Example:

$4x - 5 + 3x < 2$

$4x - 5 + 3x < 2$

< 2



$<$

$<$

Interval Notation Solution:

Graphing Tool Kit:

Variable On Both Sides Example:

$5x + 2 > 3x + 10$

$5x + 2 > 3x + 10$

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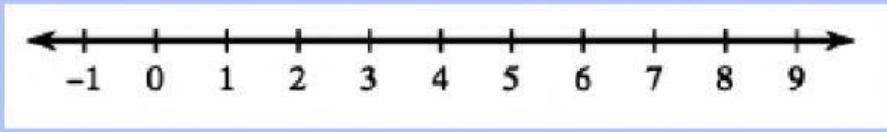

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Interval Notation Solution:

Graphing Tool Kit: