

Solving and Graphing Multi-Step Inequalities Notes

Distributive Property Example:

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

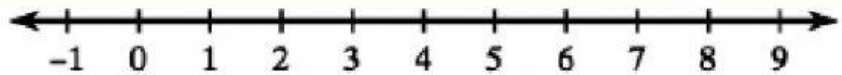
$$3(2x + 1) \geq 15$$

$$\geq 15$$

$$\geq$$

$$\geq$$

Interval Notation Solution:



Graphing Tool Kit:



Combining Like Terms Example:

$$4x - 5 + 3x < 2$$

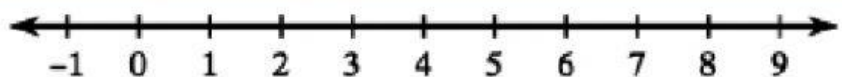
$$4x - 5 + 3x < 2$$

$$< 2$$

$$<$$

$$<$$

Interval Notation Solution:



Graphing Tool Kit:



Variable On Both Sides Example:

$$5x + 2 > 3x + 10$$

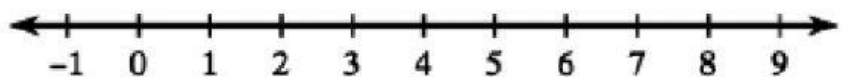
$$5x + 2 > 3x + 10$$

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Interval Notation Solution:



Graphing Tool Kit:

