1.6: Solving Inequalities

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Ex 1: Graph the inequality

$$6 \ge x \rightarrow X \le 6$$

6 15 greater than or equal to x.

#8: Graph the inequality

$$-2 < x$$

#25:) Solve the inequality. Then graph the solution.

EX 4: Solve the inequality. Then graph the solution.

$$18 + 2x \le 9x + 4$$

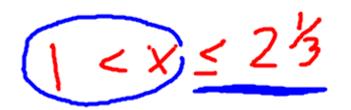
$$-9x - 9x$$

$$18 - 7x \le 4$$

$$-18 - 18$$

$$-2x \le -14$$

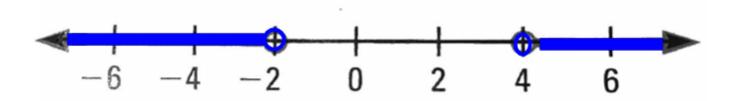
#40: Solve the inequality. Then graph the solution.



"And" inequality
you shade in the
middle

#46:) Solve the inequality. Then graph the solution.

Ex 7: Write the compound inequality that is represented by the graph.



Ex 8: Write the compound inequality that is represented by the graph.

