

guided notes

NAME _____

DATE _____

Module 5 Solving Linear Inequalities of One Variable

Lesson 6 Solving Disjunction Inequalities

Lesson Objective

- Solve and graph the solution sets to disjunctions.

A compound inequality consists of two inequalities joined by the words

_____ or _____.

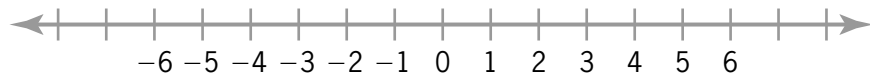
A _____ consists of two statements joined by the word "and."

A _____ consists of two statements joined by the word "or."

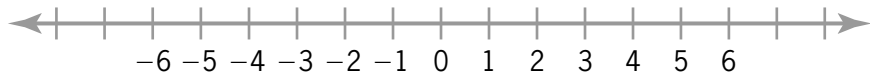
A disjunction is true when _____ are true.

The symbol for "all real numbers" is _____.

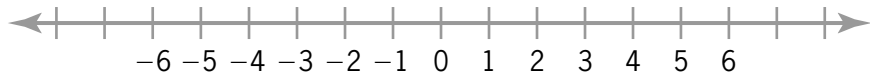
1 Solve and graph. $x < 5$ or $x < 3$ _____



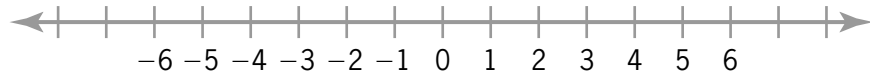
2 Solve and graph. $x > 5$ or $x < 5$ _____



3 Solve and graph. $x \geq 4$ or $x \leq 0$ _____



4 Solve and graph. $x + 6 \leq 2$ or $4x \leq -8$ _____



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