

guided notes

NAME _____

DATE _____

Module 6 Solving Absolute Value Equations and Inequalities

Lesson 4 Solving Inequalities Using “Absolute Value is Greater Than”

Lesson Objective

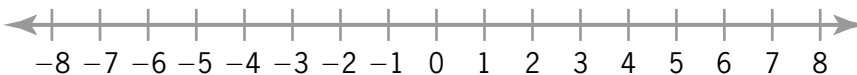
- Solve inequalities containing the absolute value expression “is greater than” or the absolute value expression “is greater than or equal to.”

The absolute value of a number x is its _____ from _____ to x .

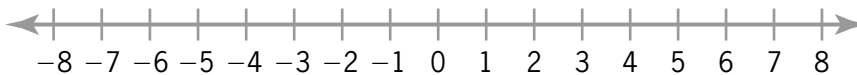
The inequality $|x| > 2$ is equivalent to the _____ $x > 2$ or $x < -2$.

Solve and graph.

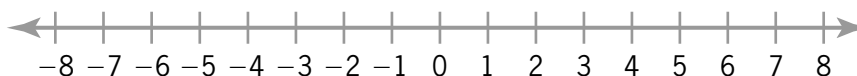
1 $|n| \geq 3$



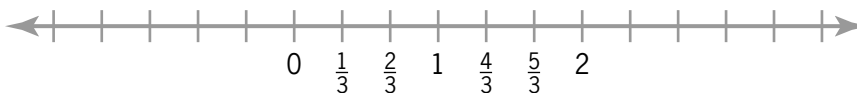
2 $|9p| > 27$



3 $-6 < |k + 4|$



4 $|3d - 4| > 0$



5 $10 + 2|y| > 6$

