

## Lesson 20: Absolute Value Inequalities

Solve the inequality. Write the solution set in interval notation.

1)  $|x - 4| < 5$

2)  $|3x - 4| \leq 5$

3)  $|4x - 4| \leq -5$

4)  $|4x - 4| + 5 \leq 5$

5)  $|3x - 2| \geq 5$

6)  $|x - 4| \geq 2$

7)  $|4x - 1| + 2 \geq 5$

8)  $|4x - 4| \geq -1$