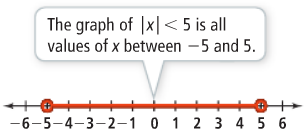
**Section 1–6B: Absolute Value Inequalities**

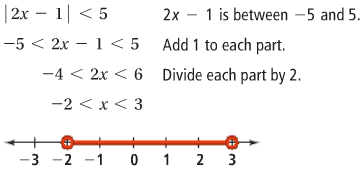
The solutions of the absolute value inequality include values greater than *and* less than . This is the compound inequality *and* , which you can write as . So, means is between and .



Therefore, you can write an absolute value inequality as a compound inequality without absolute value symbols.

**Example 1: Solving the Absolute Value Inequality**

What is the solution of ? Graph the solution.



means is between and . So, means is outside the interval from to . You can say *or* .

**Example 2: Solving the Absolute Value Inequality**

What is the solution of ? Graph the solution.

