**1.7 Inequalities**

**Linear Inequalities**

**CLASSROOM EXAMPLE 1 Solving a Linear Inequality**

Solve 

**CLASSROOM EXAMPLE 2 Solving a Linear Inequality**

Solve  Give the solution set in interval notation.

**Three-Part Inequalities**

**CLASSROOM EXAMPLE 4 Solving a Three-Part Inequality**

Solve  Give the solution set in interval notation.