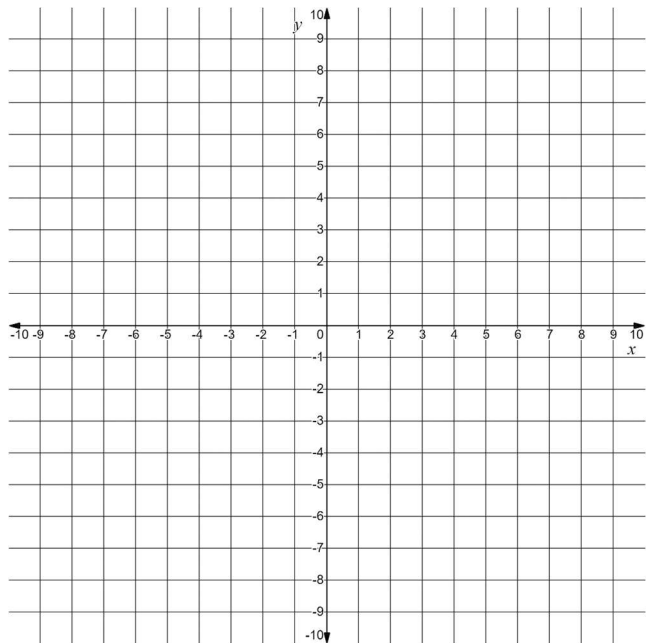


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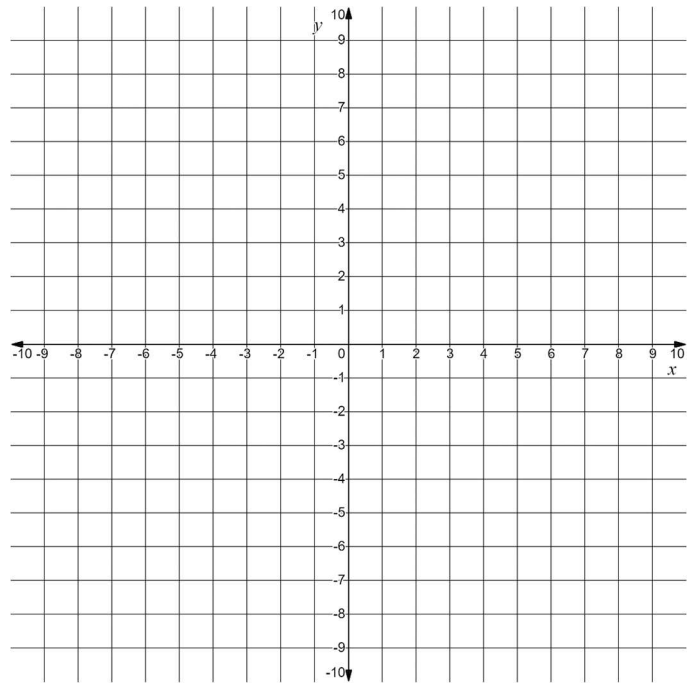
**Learning Goal 9.2**

Solving quadratic inequalities.

**Example** Solve  $x^2 - 3x - 4 > 0$ .**Method 1**  
**Graphing****Method 2**  
**Roots and Test Points****Method 3**  
**Case Analysis**

**Example** Solve  $-6x^2 - x + 7 \leq 0$ .

**Method 1**  
**Graphing**



**Method 2**  
**Roots and Test Points**

**Method 3**  
**Case Analysis**