

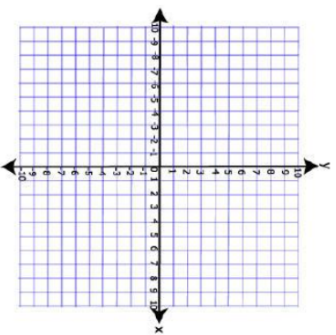
A linear inequality differs from a linear equation by its symbols.

Solutions for an inequality are values that make the inequality true.

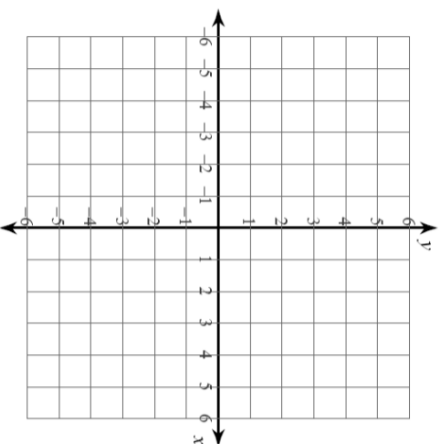
Step 1:

Step 2:

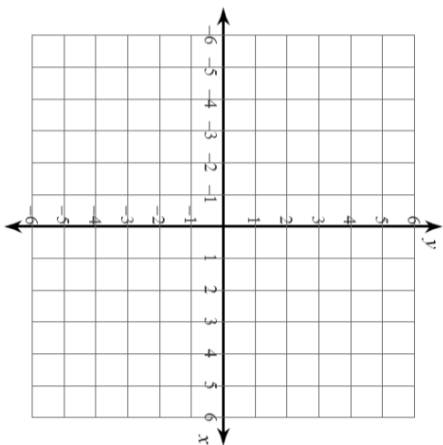
Step 3:



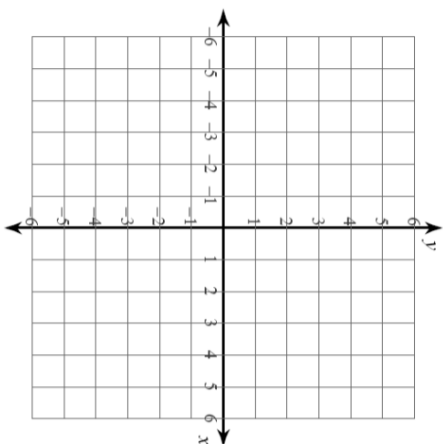
$$y < -\frac{3}{4}x + 1$$



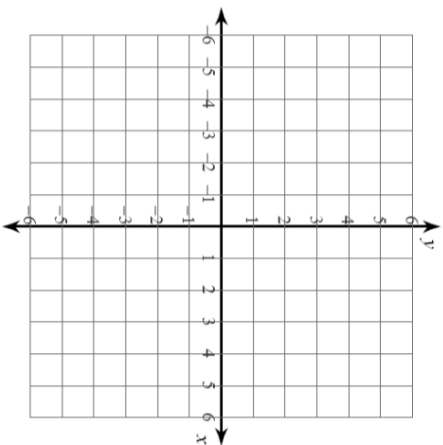
$$y > 5x + 1$$



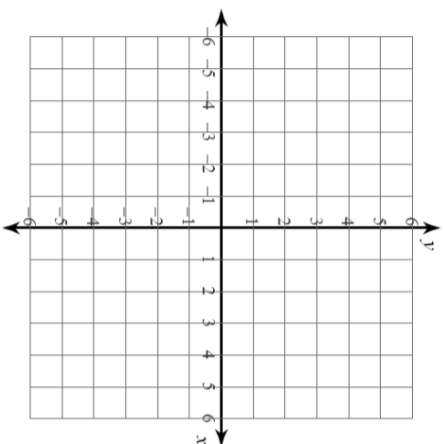
$$x \geq 3$$



$$y \leq -2x + 3$$



$$3x + 4y < 4$$



$$2x + 5y \geq -20$$

