

Name: \_\_\_\_\_

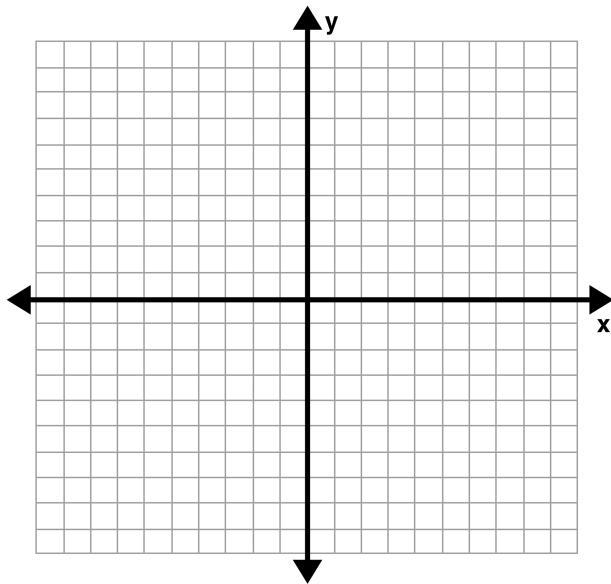


# GRAPHING SYSTEMS OF LINEAR INEQUALITIES

**Directions:** Sketch the graph of each system of linear inequalities and label the solution set (if applicable).

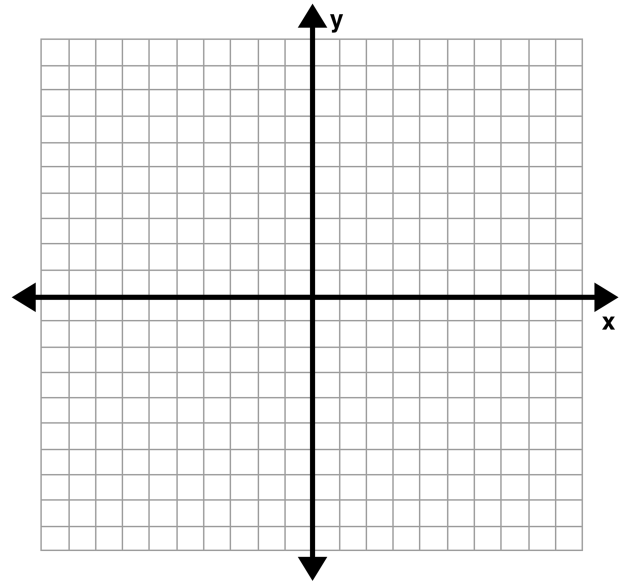
1.)  $y \geq 4x - 1$

$$y \leq -\frac{1}{2}x + 6$$



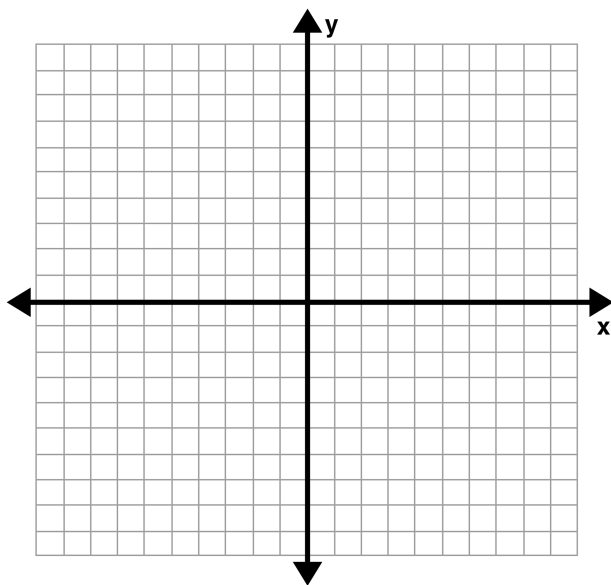
2.)  $y > -3x - 4$

$$y \geq 5x + 2$$



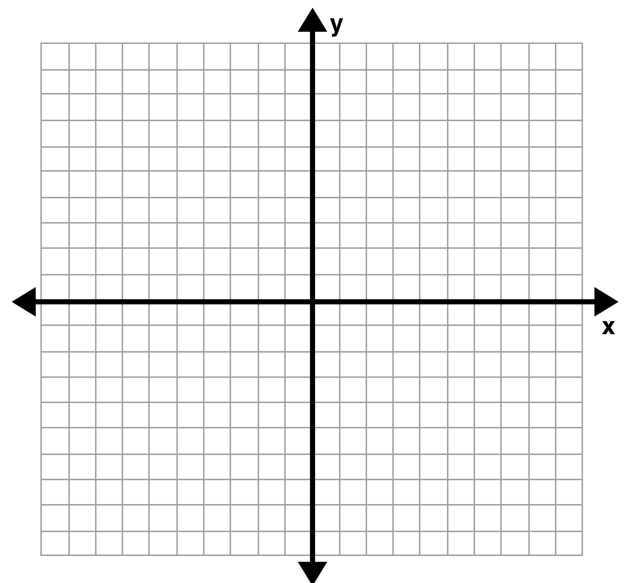
3.)  $y \geq -x + 6$

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



4.)  $y > -\frac{1}{5}x + 1$

$$y < -7x - 8$$



## ANSWER KEY

