

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

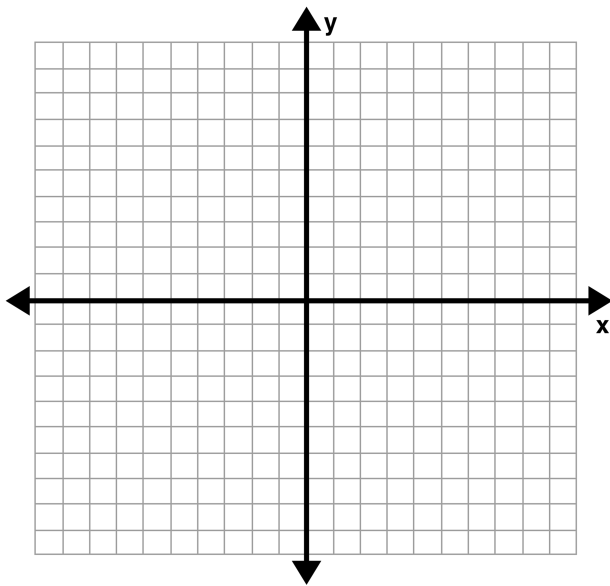


# GRAPHING SYSTEMS OF LINEAR INEQUALITIES

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

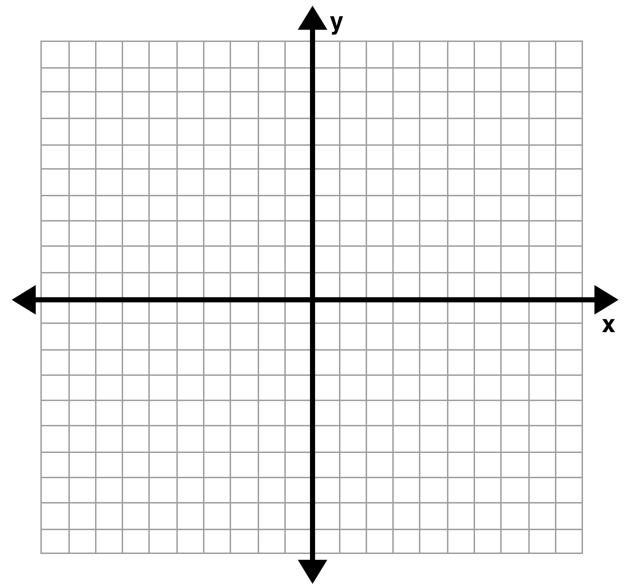
1.)  $y < 2x - 5$

$$y \geq -\frac{1}{5}x + 3$$



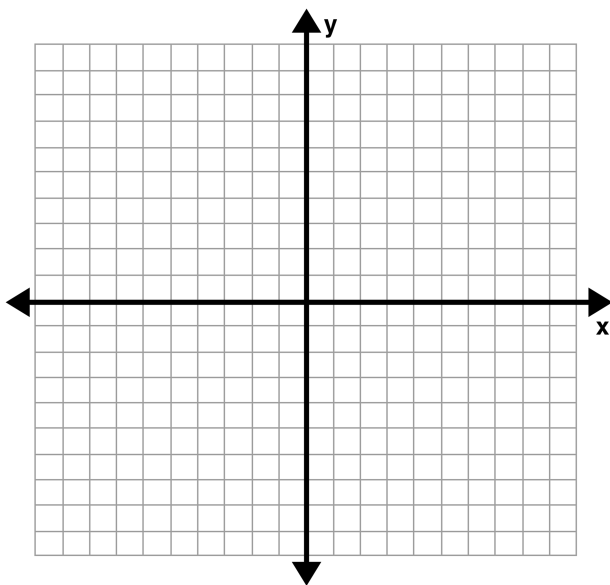
2.)  $y \leq x - 7$

$$y < \frac{1}{6}x + 2$$



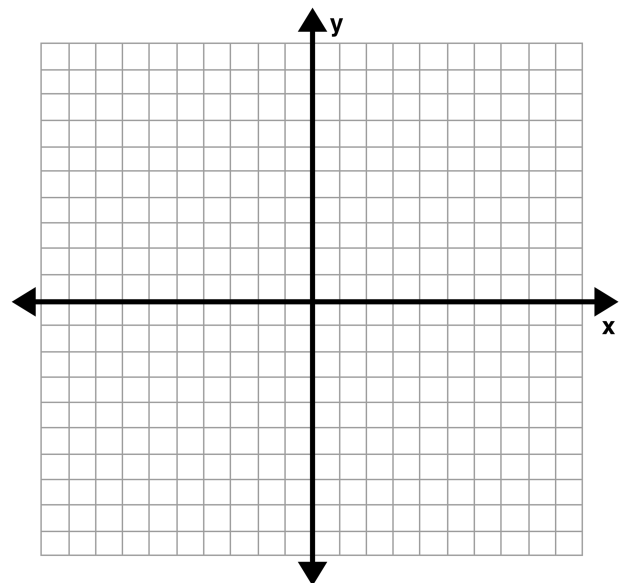
3.)  $y \geq 9x - 6$

$$y \leq \frac{5}{6}x$$



4.)  $y < -\frac{3}{5}x + 6$

$$y \geq -5x - 9$$



## ANSWER KEY

