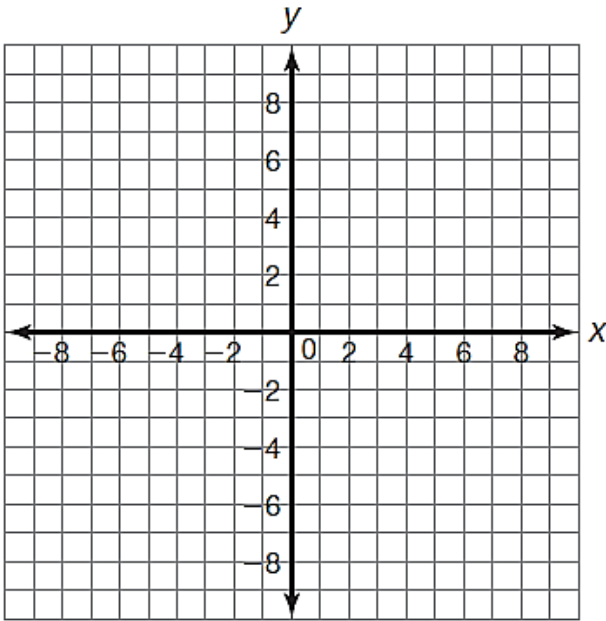


Algebra 1: 7.2 HW 1  
Systems of Linear Inequalities

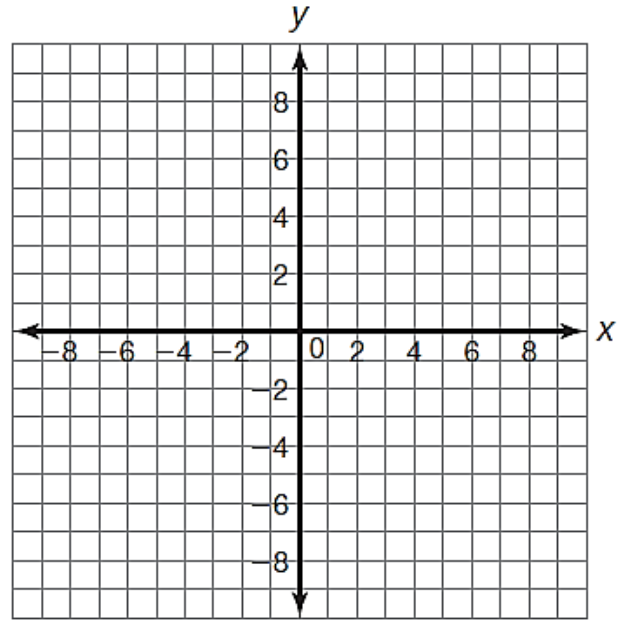
Name \_\_\_\_\_ Period \_\_\_\_\_

Graph the system of linear inequalities AND identify 2 solutions (where the shaded regions overlap).

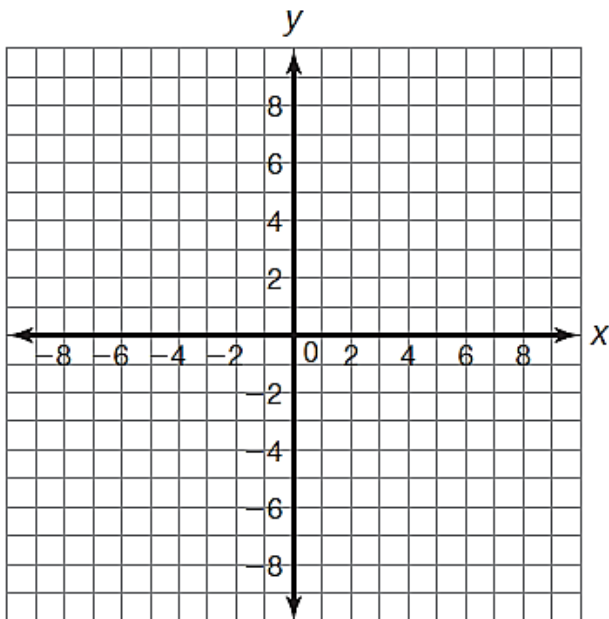
1. 
$$\begin{cases} y \leq -\frac{2}{3}x + 3 \\ y \geq 3x - 4 \end{cases}$$



2. 
$$\begin{cases} y > 2x + 3 \\ y < 2x - 5 \end{cases}$$



3. 
$$\begin{cases} y \geq -\frac{1}{3}x + 4 \\ y \geq 2x + 5 \end{cases}$$



4. 
$$\begin{cases} y < -\frac{1}{2}x + 6 \\ y < 2x + 1 \end{cases}$$

