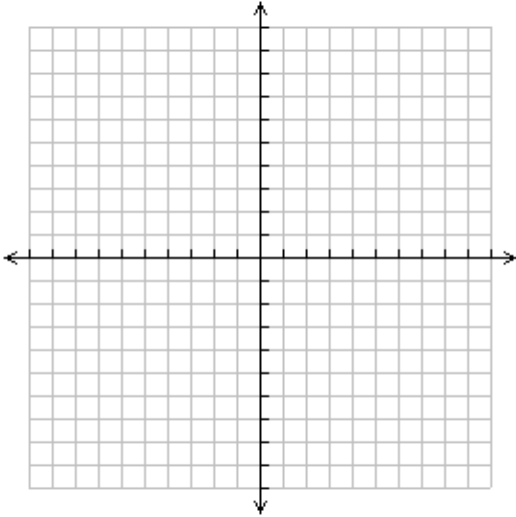


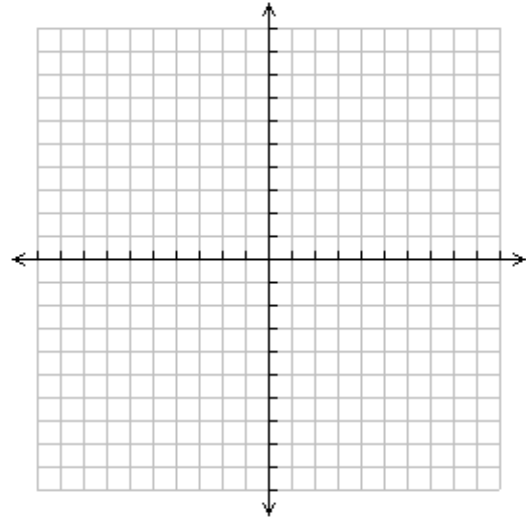
Assignment 6.8 – System of equations

Solve the system of inequalities by graphing.

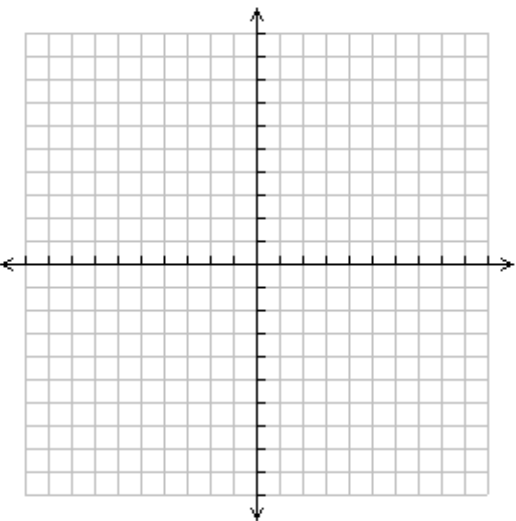
1.
$$\begin{cases} y > 3x - 1 \\ y \geq -2x + 3 \end{cases}$$



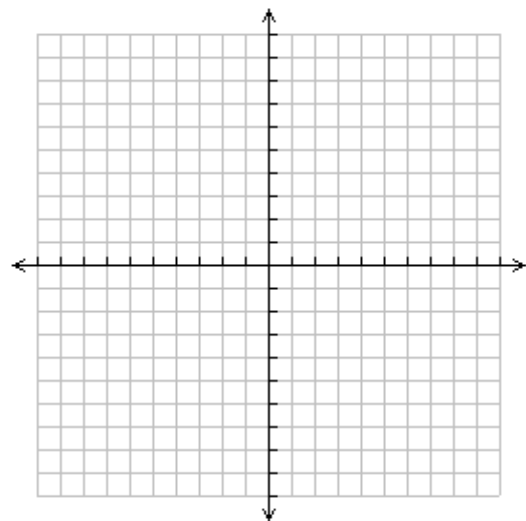
2.
$$\begin{cases} y \leq -5x + 3 \\ y > -2 \end{cases}$$



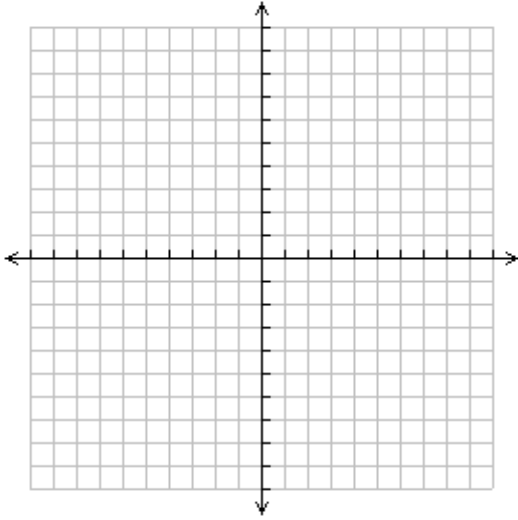
3.
$$\begin{cases} y \geq -x + 1 \\ y \leq 3 \end{cases}$$



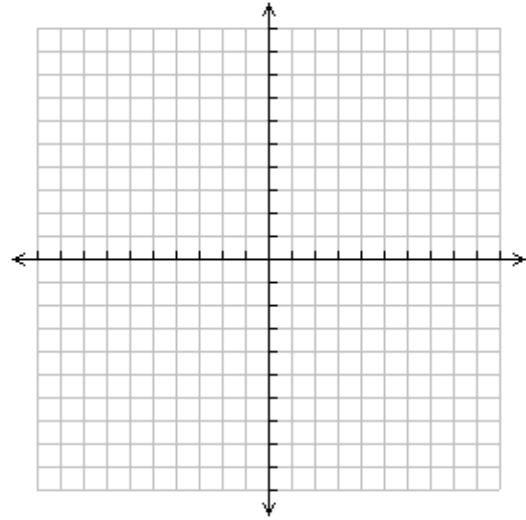
4.
$$\begin{cases} 4x - 3y < 9 \\ x + 3y > 6 \end{cases}$$



5.
$$\begin{aligned} x - y &\geq 2 \\ -4x + y &< -1 \end{aligned}$$



6.
$$\begin{aligned} x &< -3 \\ 5x + 3y &\geq -9 \end{aligned}$$



Refresh your memory:

Write an equation in point-slope form.

7. $(9, -3)$ and $(1, 4)$

Write an equation for the line shown.

8.

