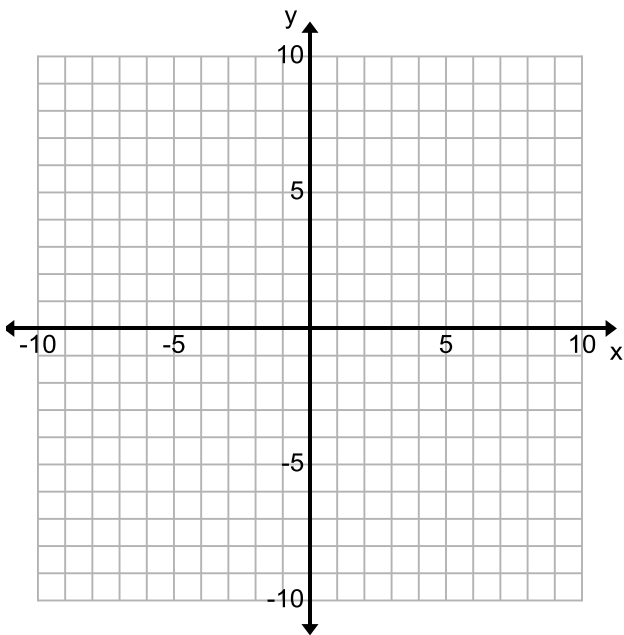
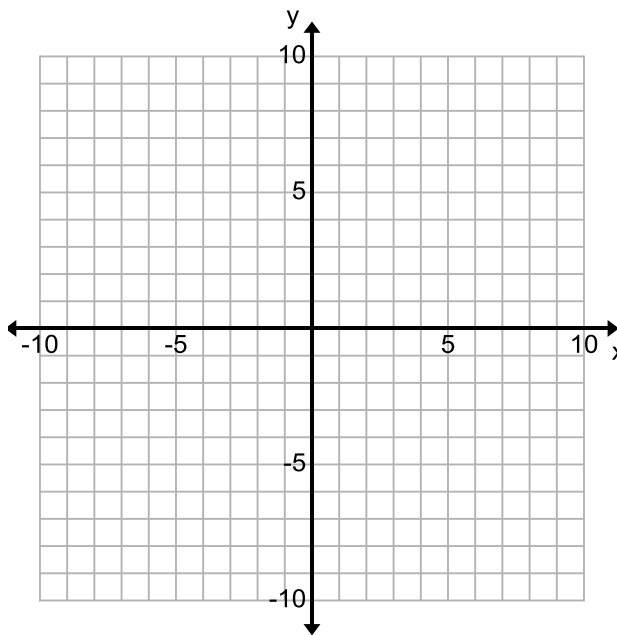


Graph the solution to each system of inequalities

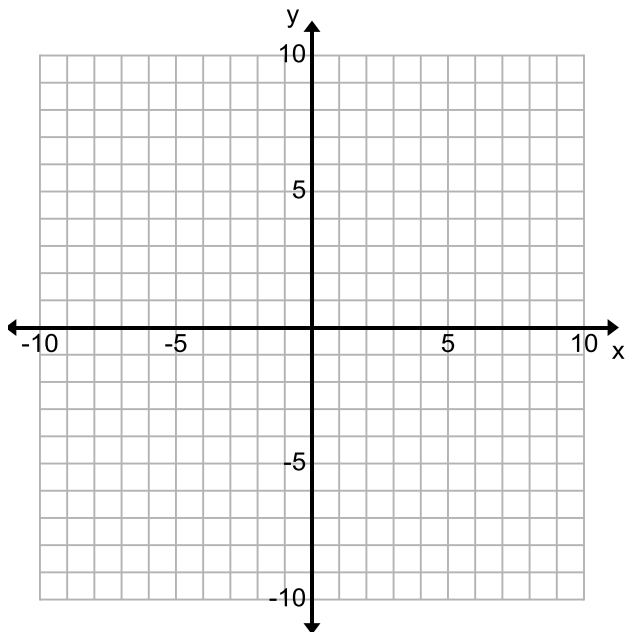
1. $y > 4x - 3$
 $y \geq -2x + 3$



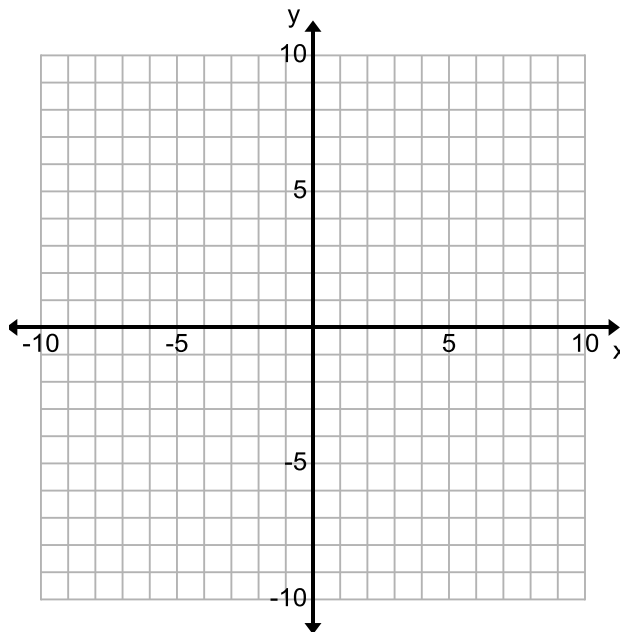
2. $y \geq -5x + 3$
 $y > -2$



3. $4x + 3y > -6$
 $x - 3y \leq -9$



4. $x + y \geq -3$
 $x + y \leq 3$

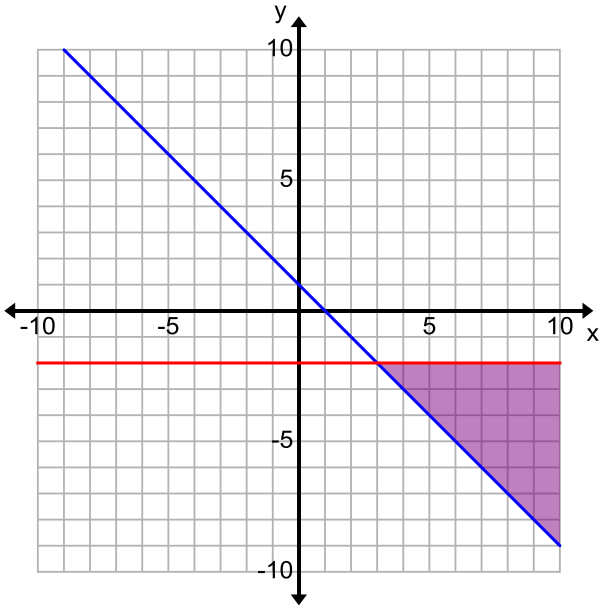


5. State one solution to the system $\begin{cases} y < 2x - 1 \\ y \geq 10 - x \end{cases}$

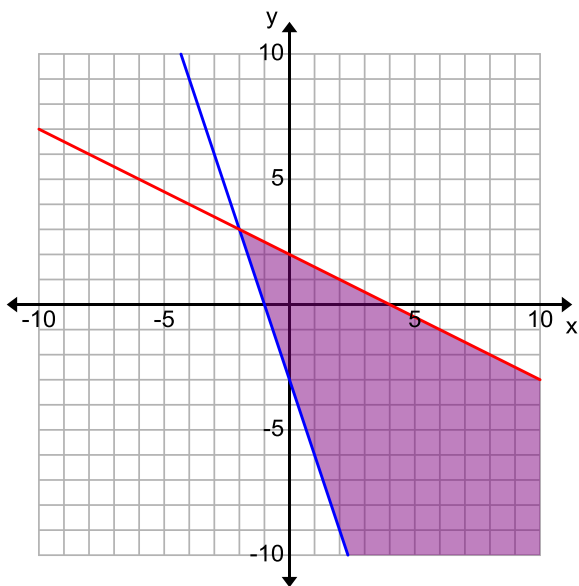
6. Write a system of inequalities whose solution is the set of all points in quadrant I not including the axes.

Find the system of inequalities that represent each graph.

7.



8.



9. Looking at graph #7 decide whether the following points are solutions.

a. (0,0)

b. (4,-2)

c. (3,-2)

d. (5,-3)