

Homework - Systems of Linear Inequalities #1

Graph the system of inequalities. Then determine if the ordered pairs are solutions to the system.

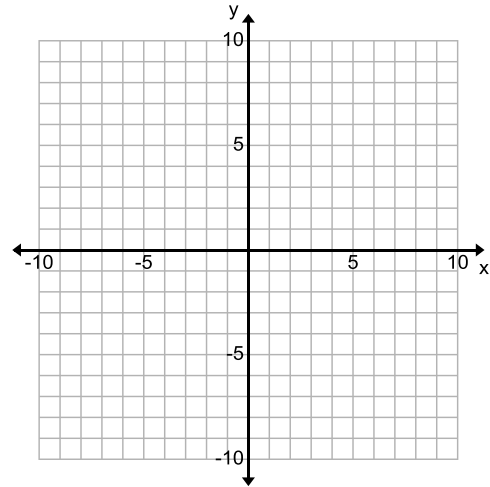
1) $y \leq \frac{-1}{2}x$
 $y < 2x + 5$

(2, 0)

(0, 0)

(-1, -2)

(-3, -1)



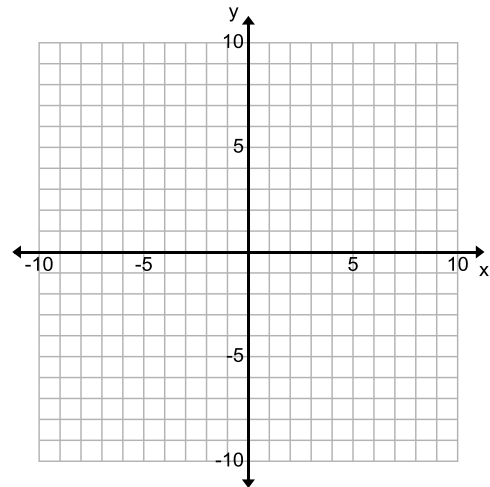
2) $y > 4x + 4$
 $y \geq \frac{1}{3}x - 1$

(1, 2)

(-2, 3)

(-1, 0)

(-3, -2)



3) $y \geq \frac{3}{5}x - 4$
 $y < \frac{-1}{2}x + 2$

(0, 0)

(2, -3)

(0, 2)

(3, 0)

