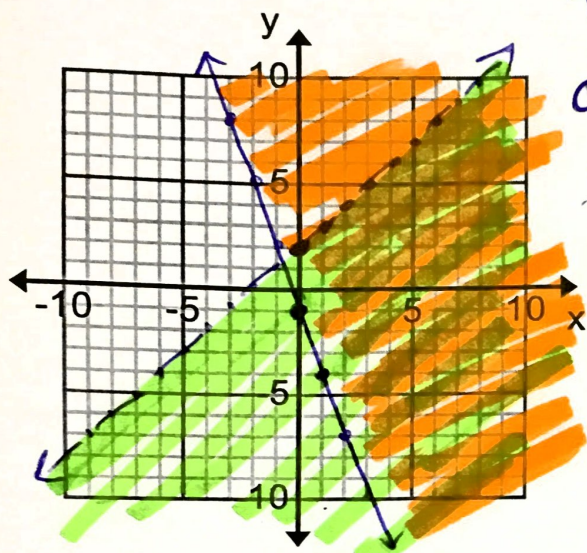


Graph the following inequalities in a coordinate plane.

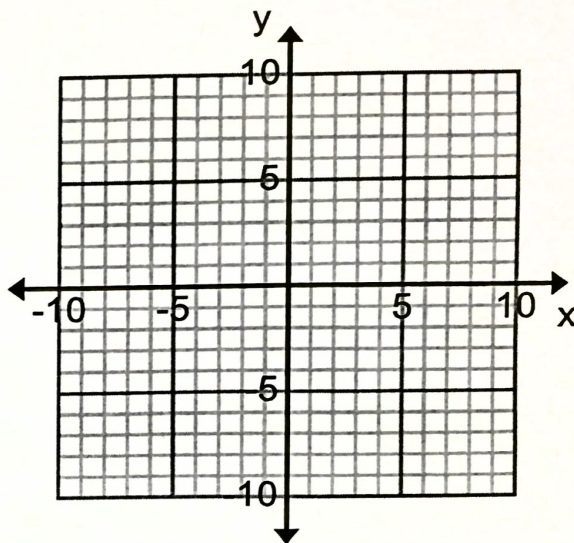
Ex 4: $\begin{cases} y \geq -3x - 1 \\ y < x + 2 \end{cases}$

$0 \geq -3(0) - 1$
 $0 \geq 0 - 1$
 $0 \geq -1$
 True

Ex 5: $\begin{cases} x - 2y \leq 3 \\ y > 3x - 4 \end{cases}$



$0 < 0 + 2$
 $0 < 2$
 True



Ex 6: $\begin{cases} y < 3 \\ x > -2 \end{cases}$

$0 < 3$ True
 $0 > -2$ True

Ex 7: $\begin{cases} 2x - y > 4 \\ 2x - y < -3 \end{cases}$

$2x - y = 4$
 $-2x \quad -2x$

