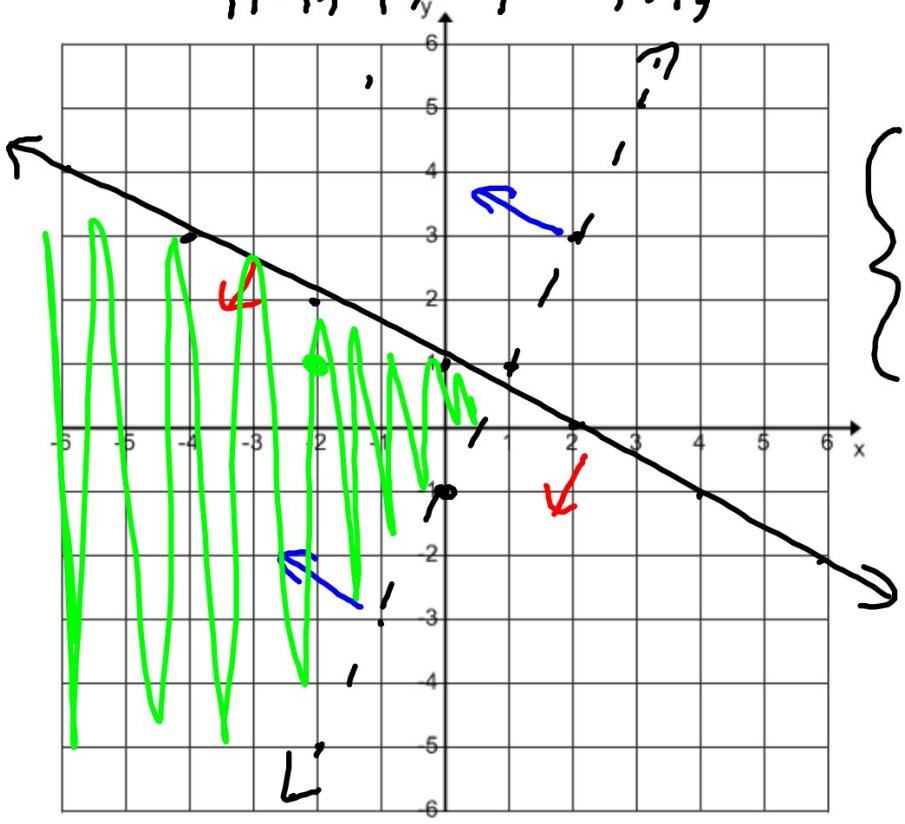
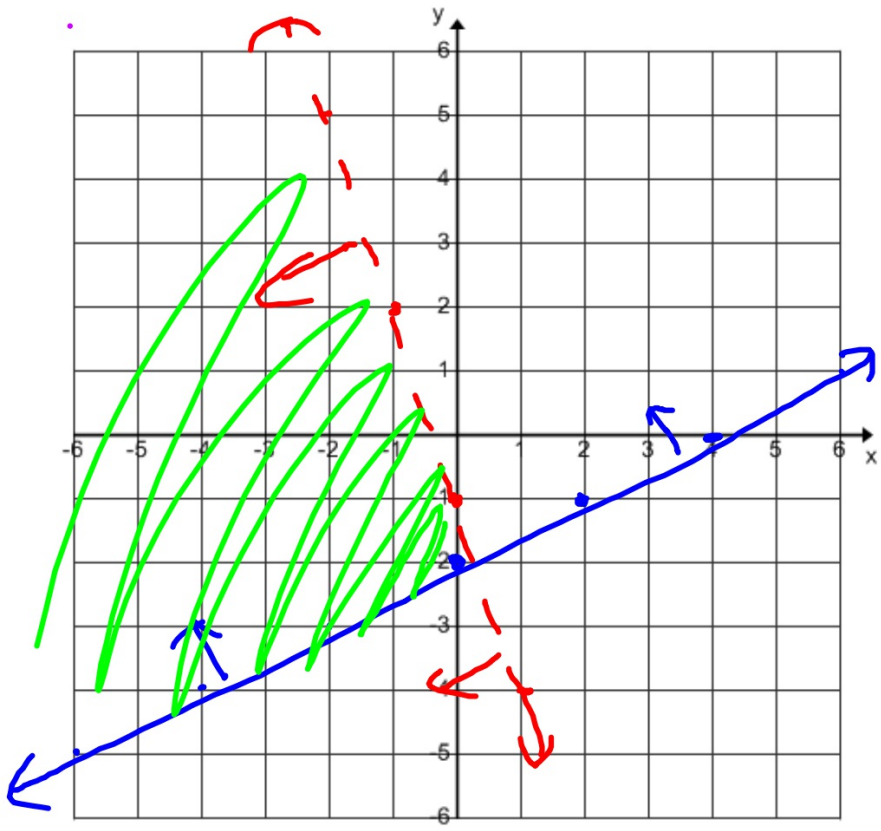
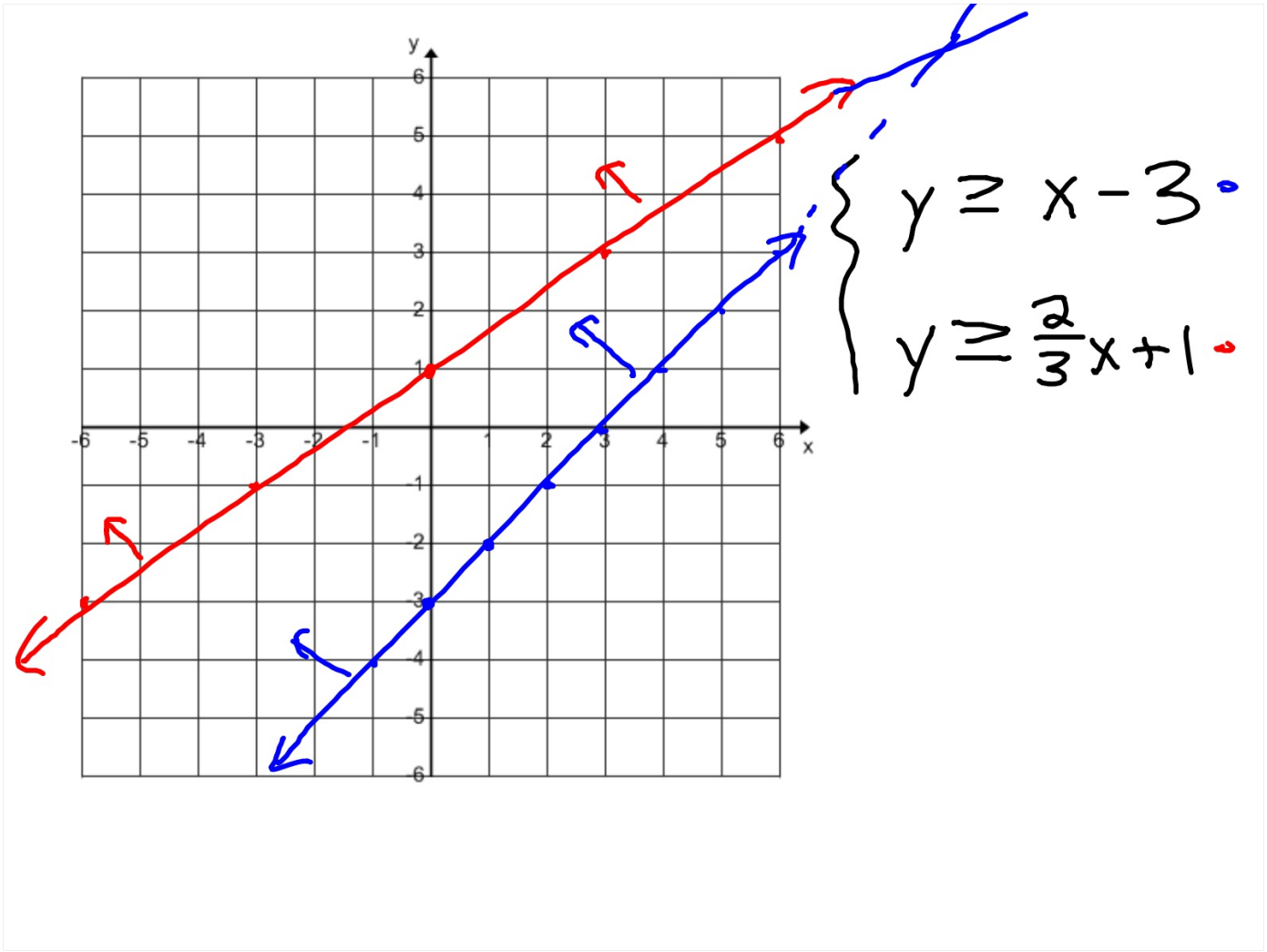
11-14-17 1st Trig

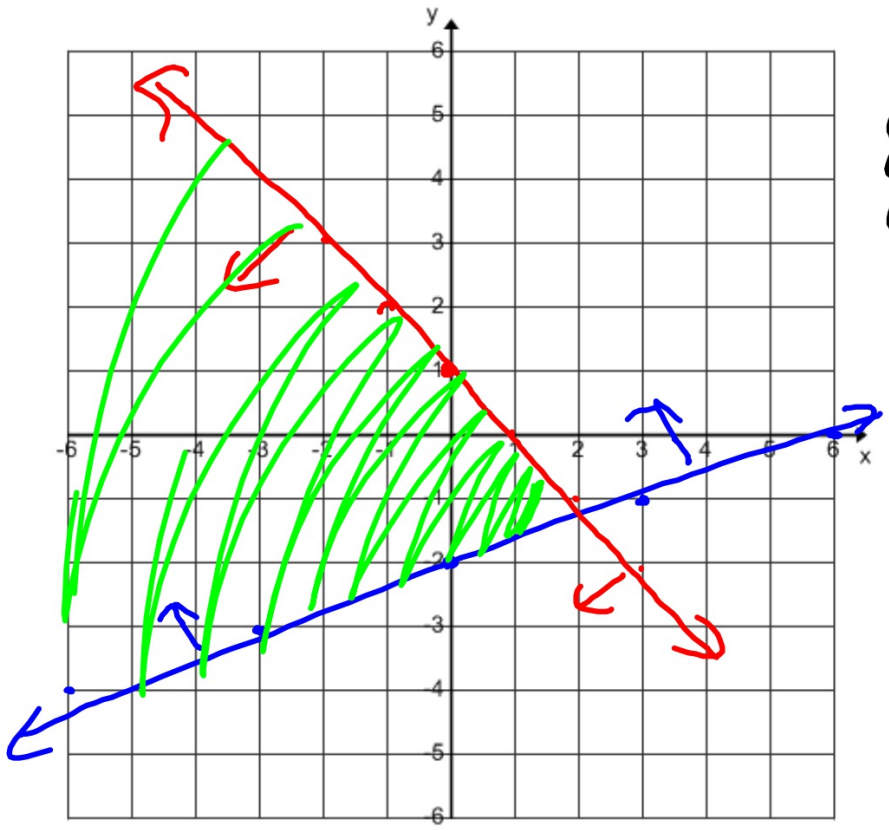


$$\begin{cases} y > 2x - 1 \\ y \leq -\frac{1}{2}x + 1 \end{cases}$$

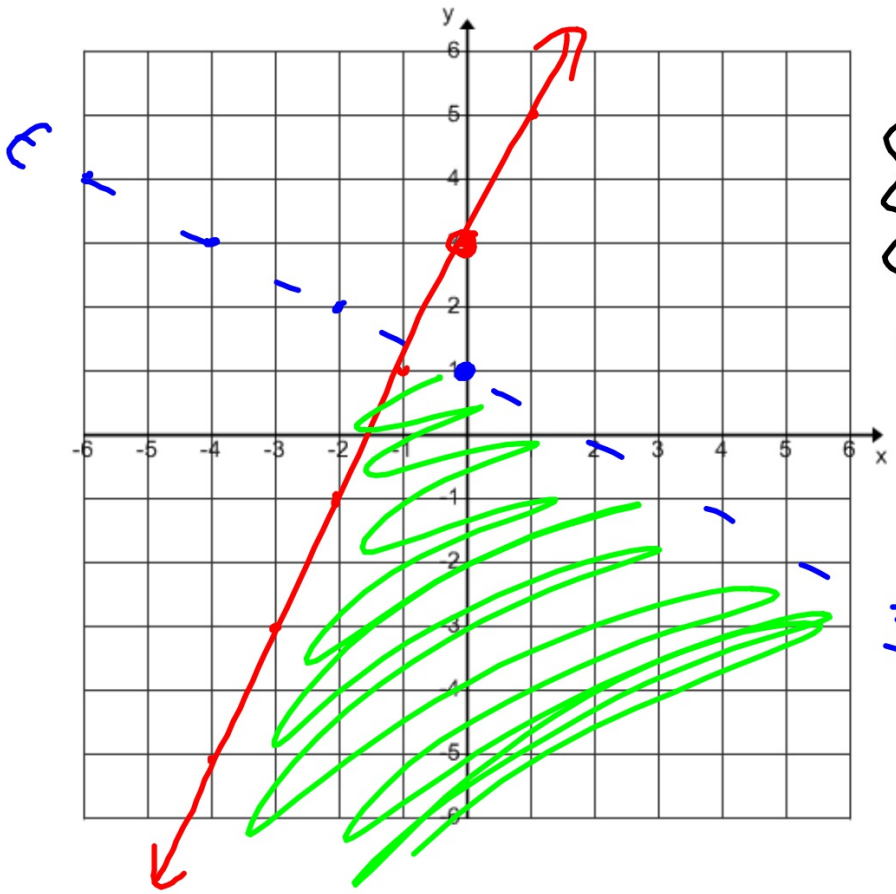


$$\begin{cases} y \geq \frac{1}{2}x - 2 \\ y < -3x - 1 \end{cases}$$

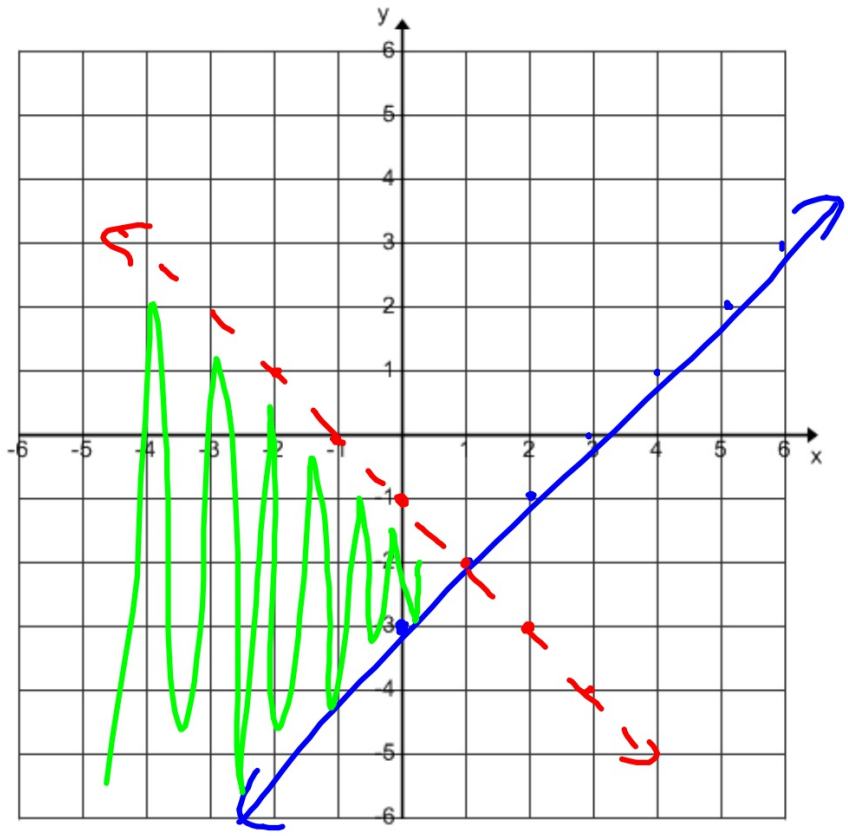

y
x
6
5
4
3
2
1
-1
-2
-3
-4
-5
-6
-6
-5
-4
-3
-2
-1
1
2
3
4
5
6
$y \geq x - 3$
$y \geq \frac{2}{3}x + 1$



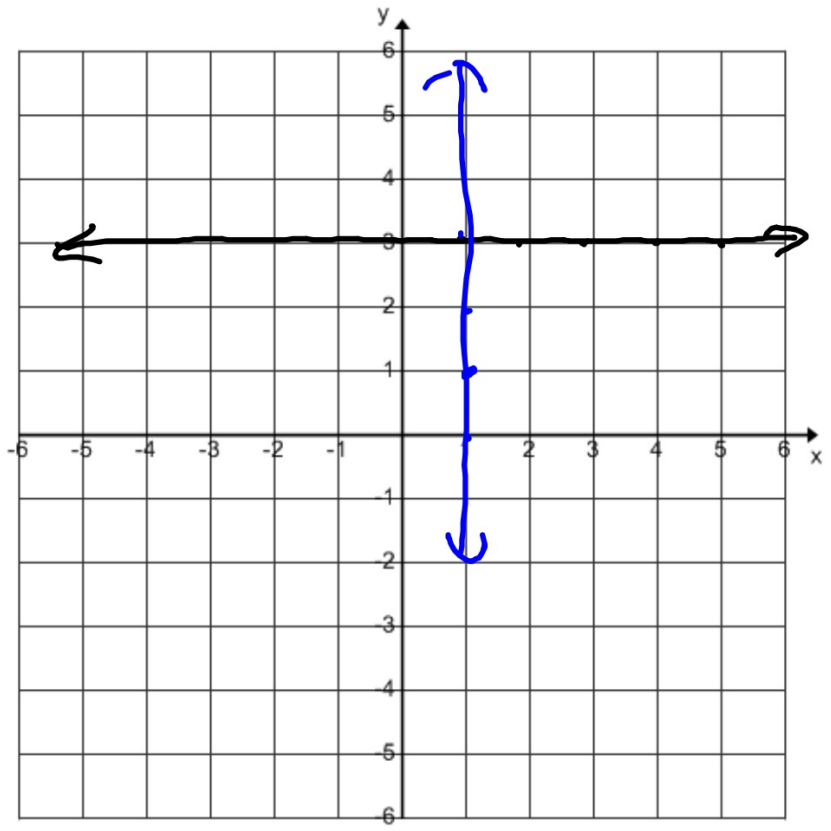
$$\begin{cases} y \geq \frac{1}{3}x - 2 \\ y \leq -x + 1 \end{cases}$$



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

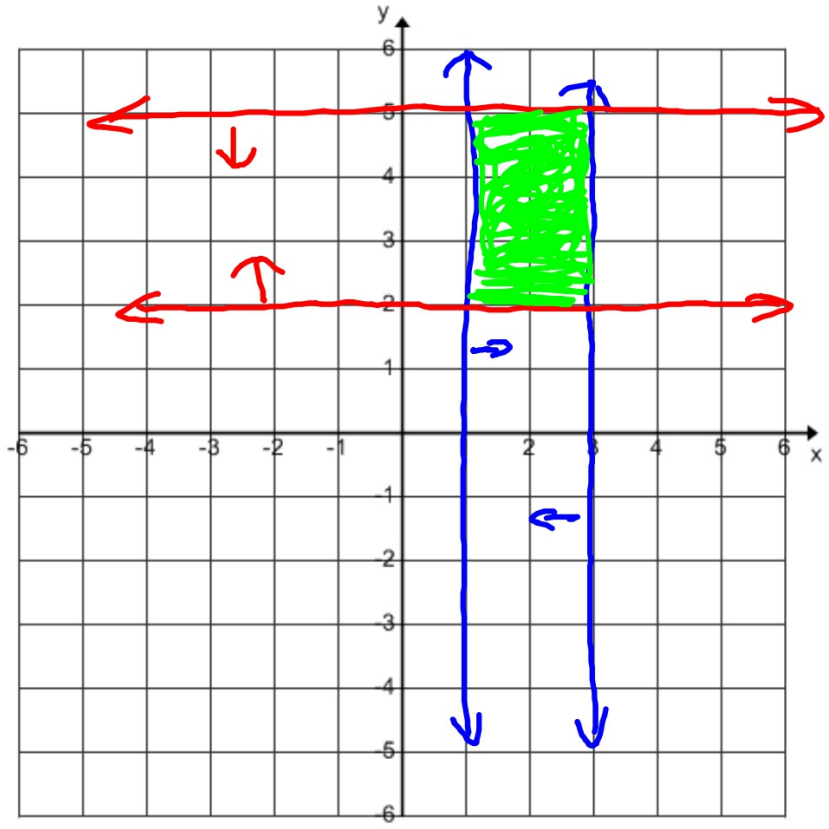


$$\begin{cases} y \geq x - 3 \\ y < -x - 1 \end{cases}$$



$y = 3$

$x = 1$

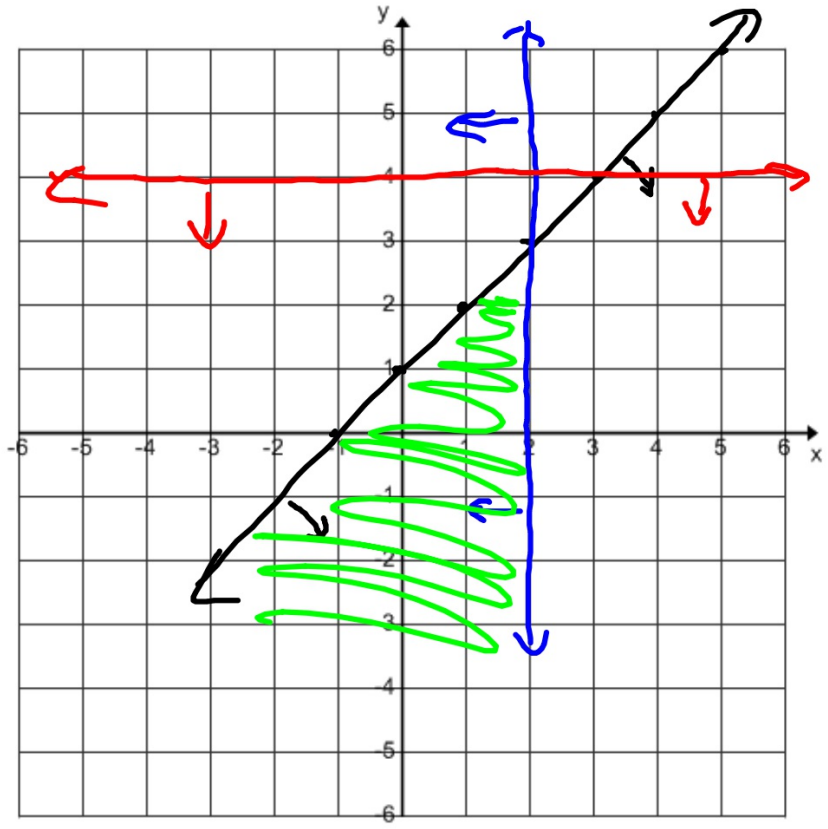


$x \leq 3$

$x \geq 1$

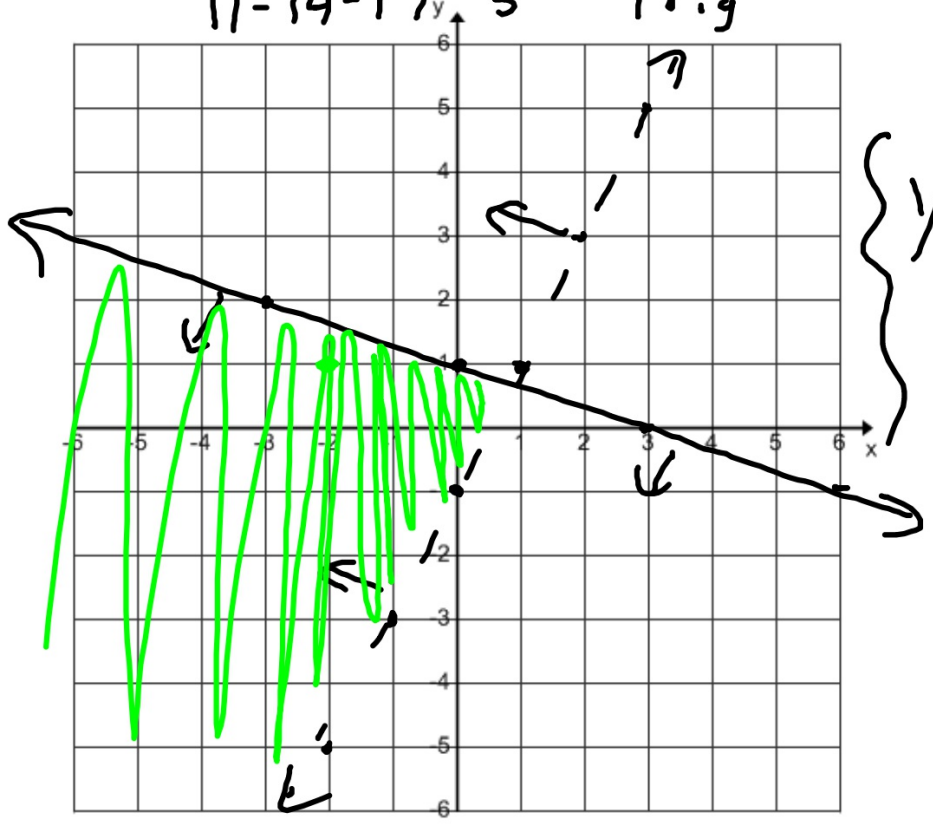
$y \geq 2$

$y \leq 5$

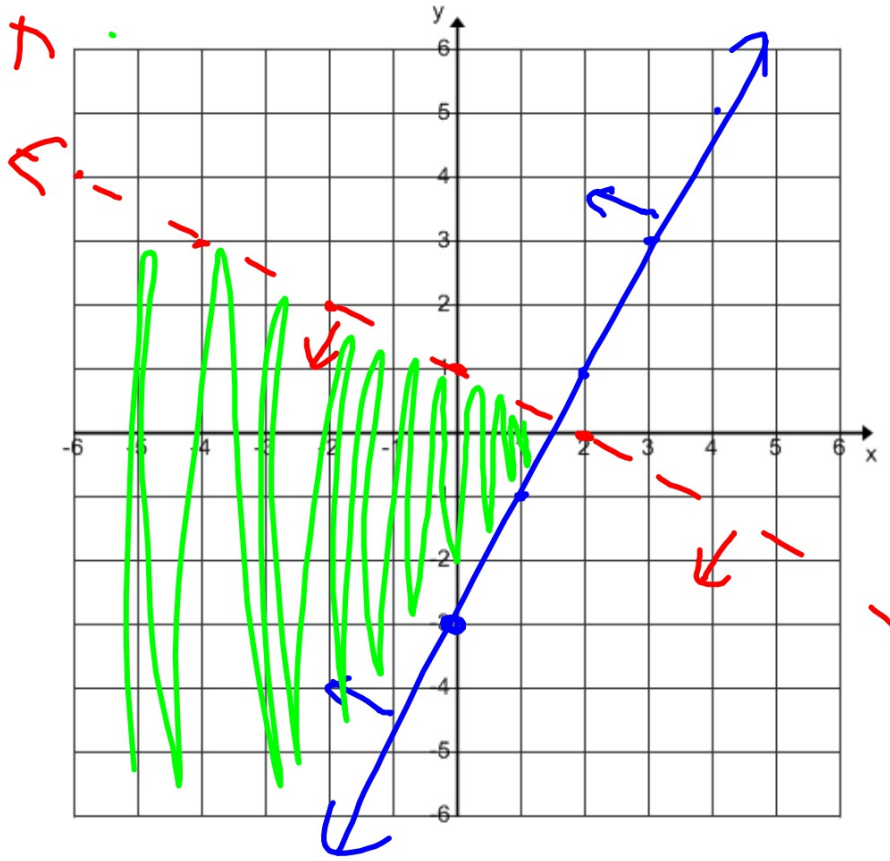


$$\begin{cases} y \leq x + 1 \\ x \leq 2 \\ y \leq 4 \end{cases}$$

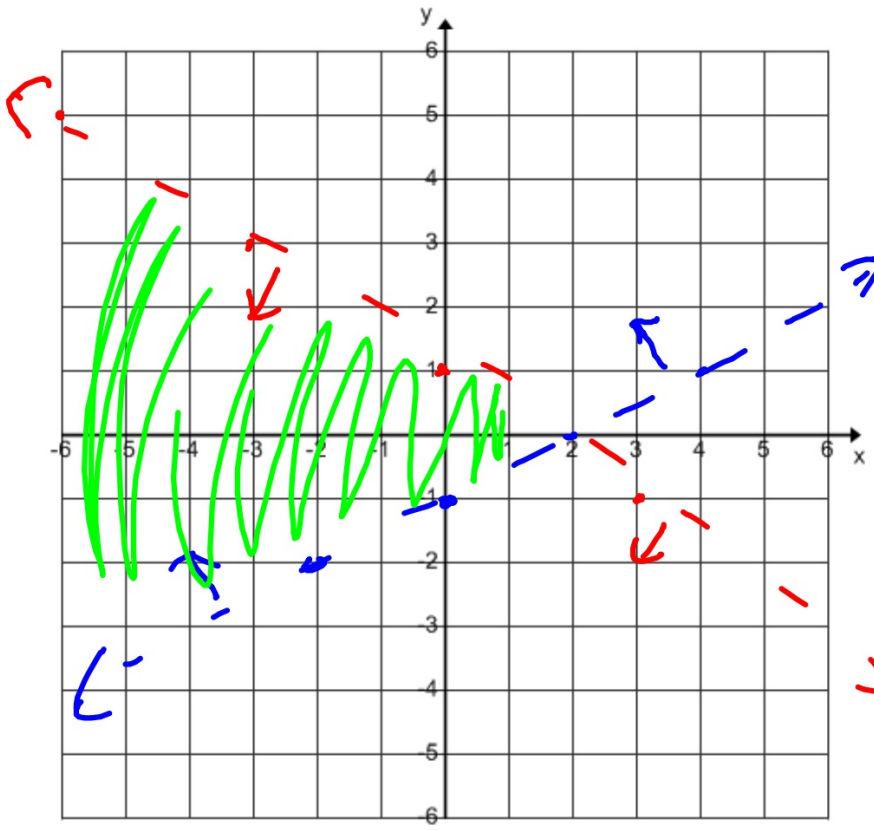
11-14-17 3rd Trig



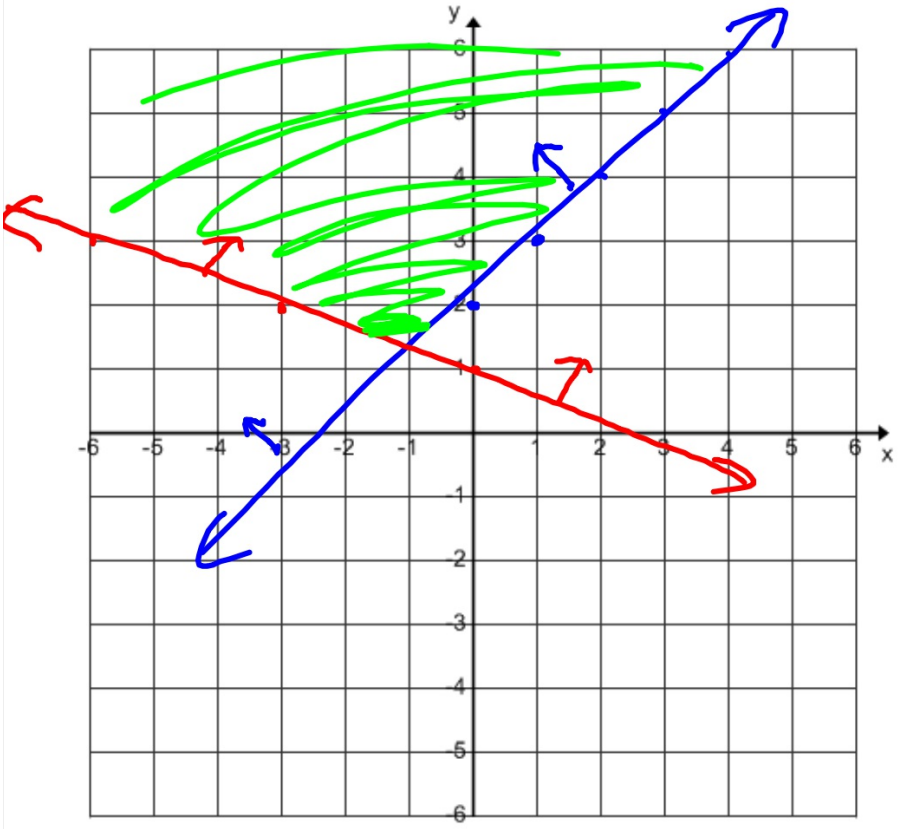
$$\begin{cases} y > 2x - 1 \\ y \leq -\frac{1}{3}x + 1 \end{cases}$$



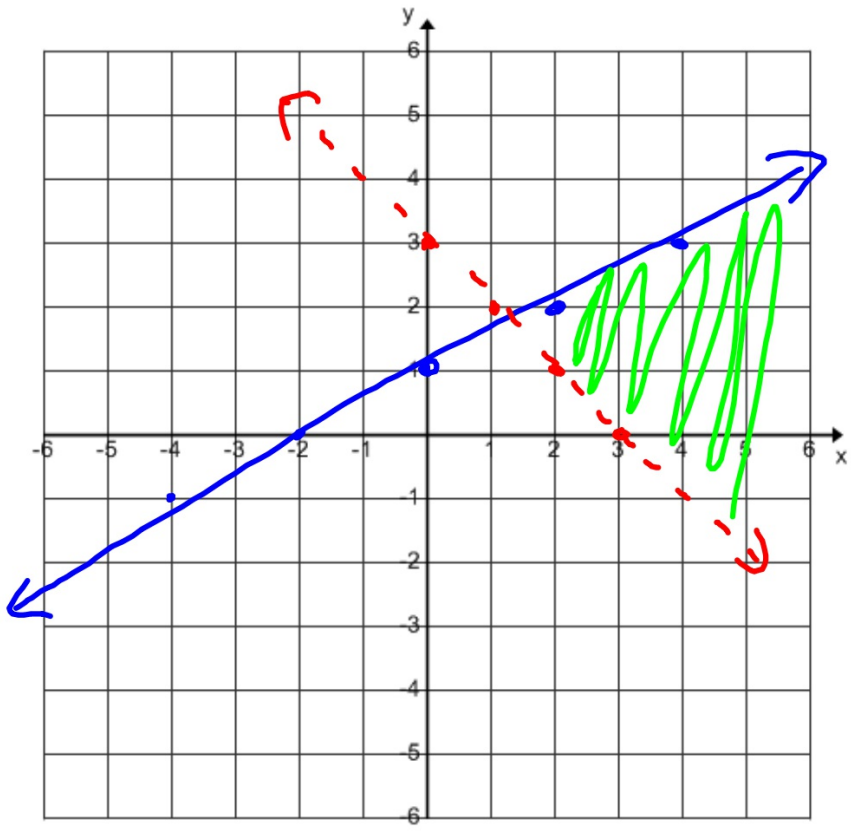
$$\begin{cases} y \geq 2x - 3 \\ y < -\frac{1}{2}x + 1 \end{cases}$$



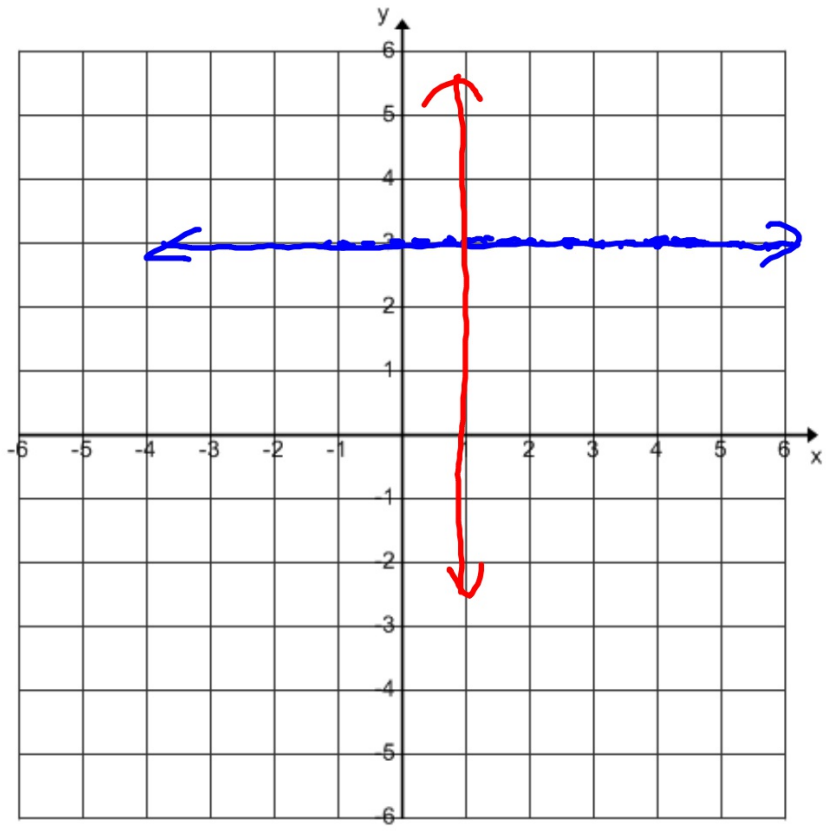
$$\begin{cases} y > \frac{1}{2}x - 1 \\ y < -\frac{2}{3}x + 1 \end{cases}$$



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

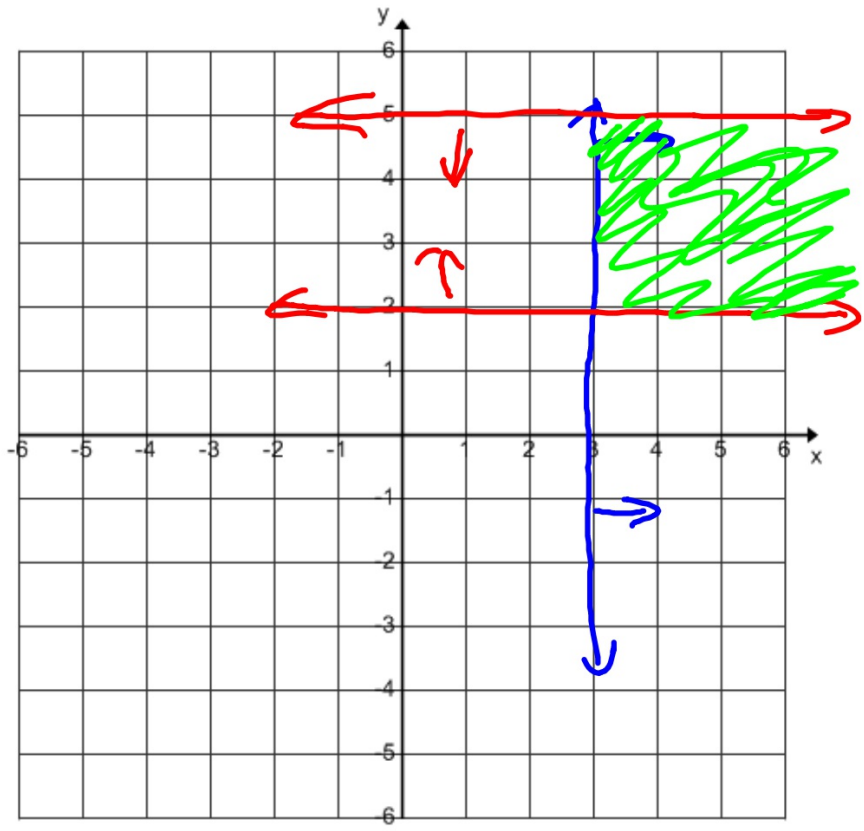


$$\begin{cases} y \leq \frac{1}{2}x + 1 \\ y > -x + 3 \end{cases}$$



$y = 3$

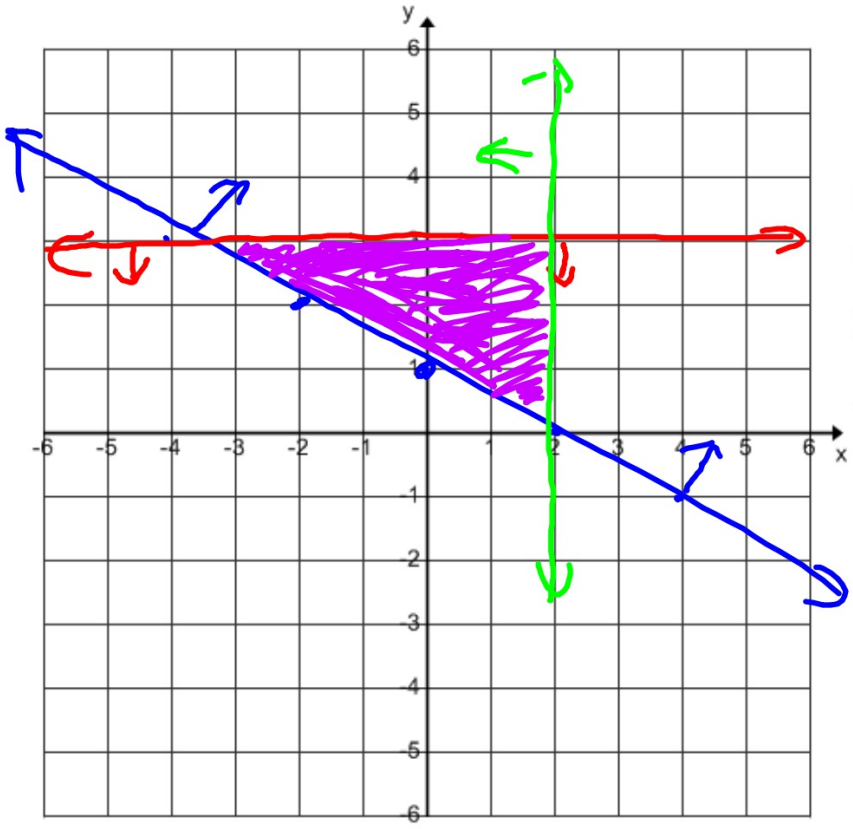
$x = 1$



$x \geq 3$

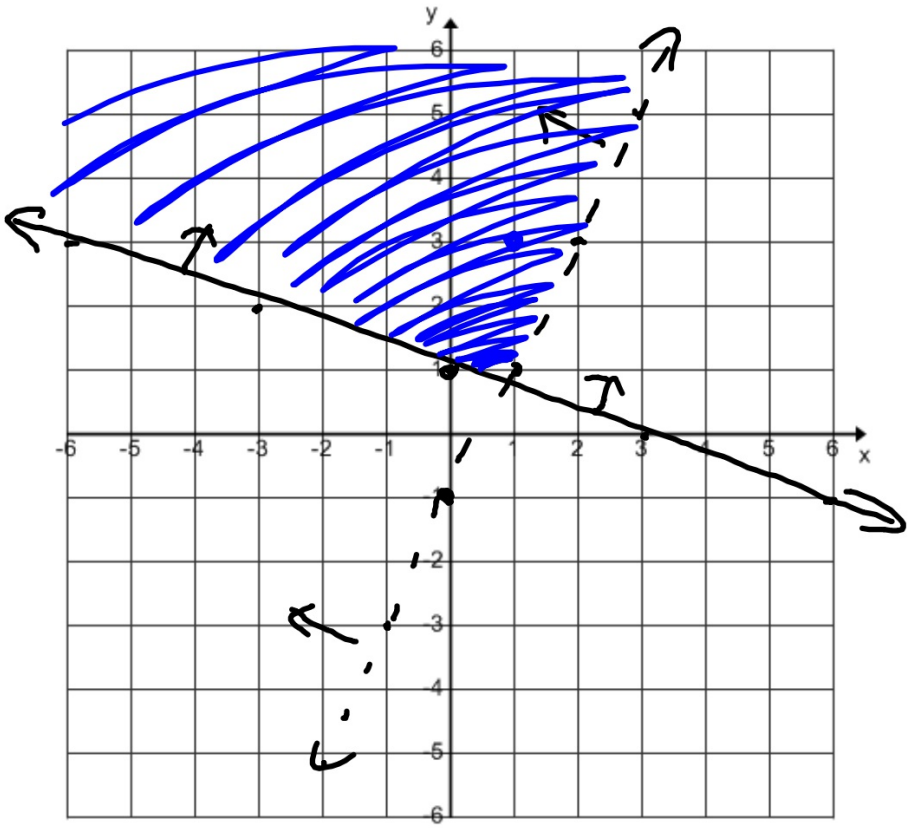
$y \leq 5$

$y \geq 2$



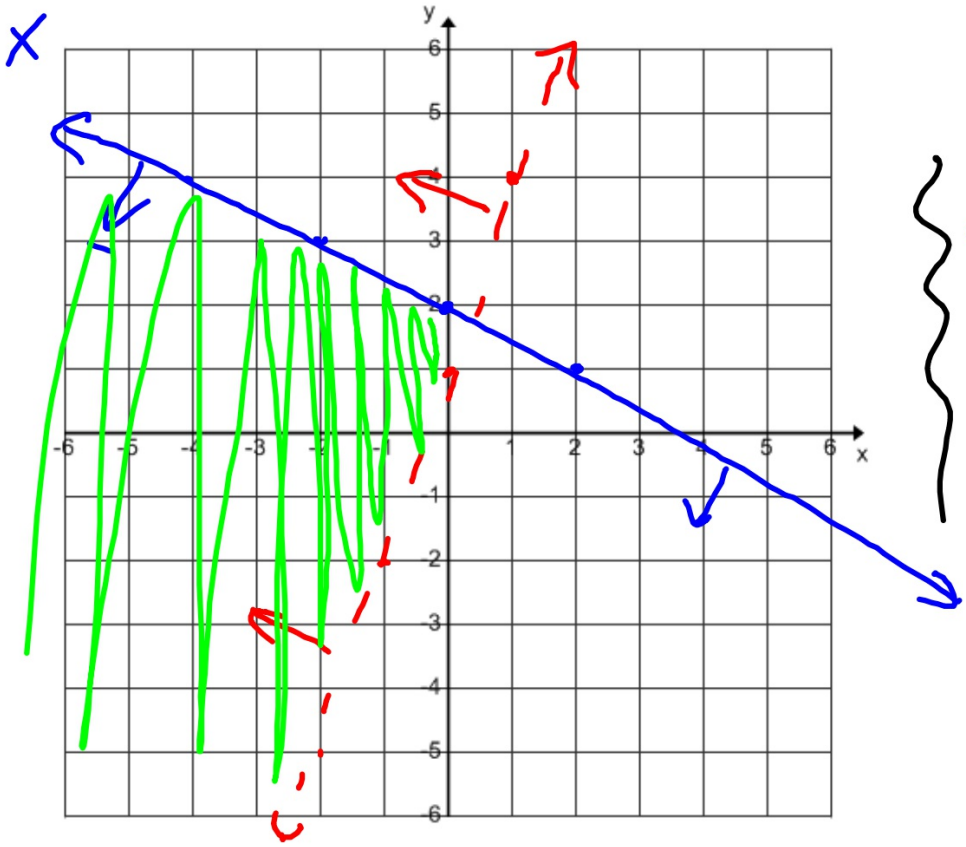
$$\begin{cases} y \geq -\frac{1}{2}x + 1 \\ y \leq 3 \\ x \leq 2 \end{cases}$$

11-14-17 4th Trig

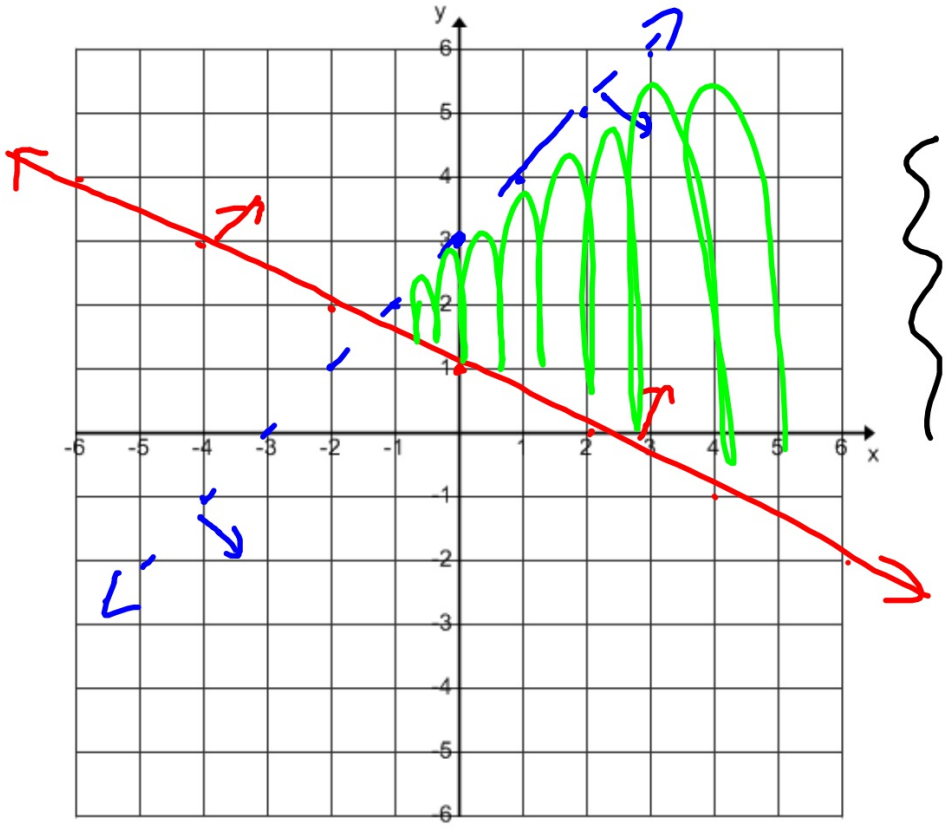


$y > 2x - 1$

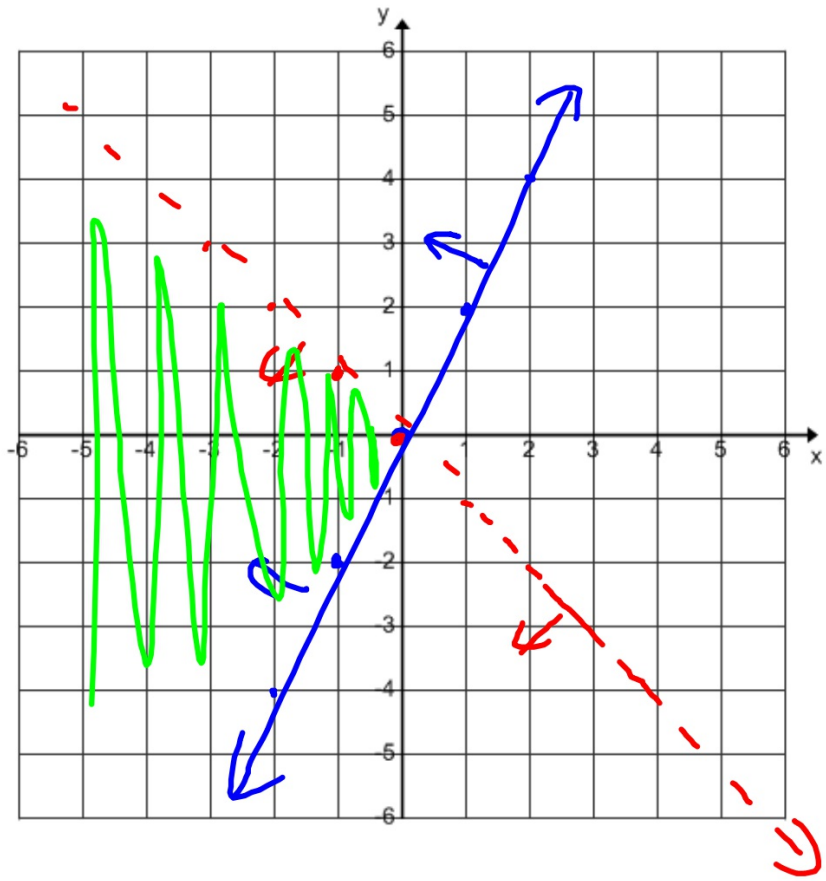
$y \geq \frac{-1}{3}x + 1$



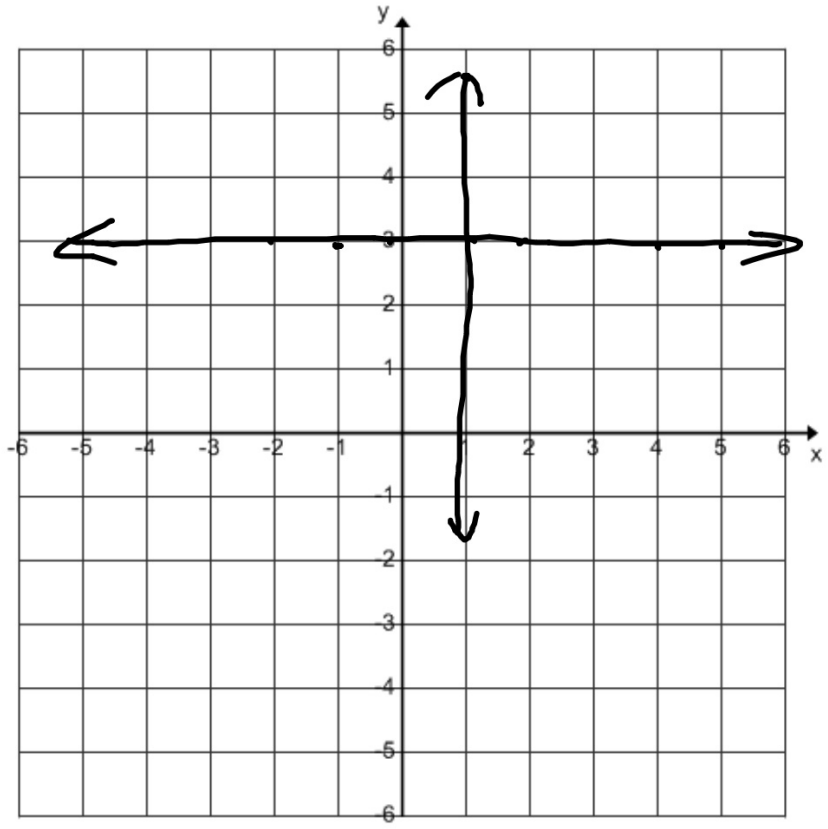
$$\begin{cases} y \leq -\frac{1}{2}x + 2 \\ y > 3x + 1 \end{cases}$$



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

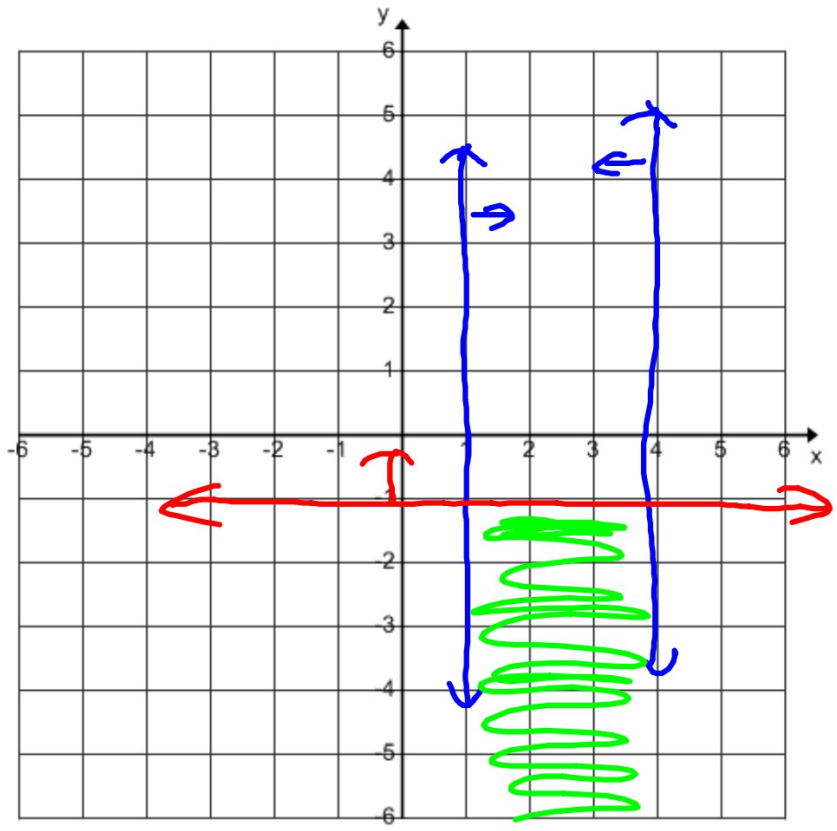


$$\begin{cases} y \geq 2x \\ y < -x \end{cases}$$

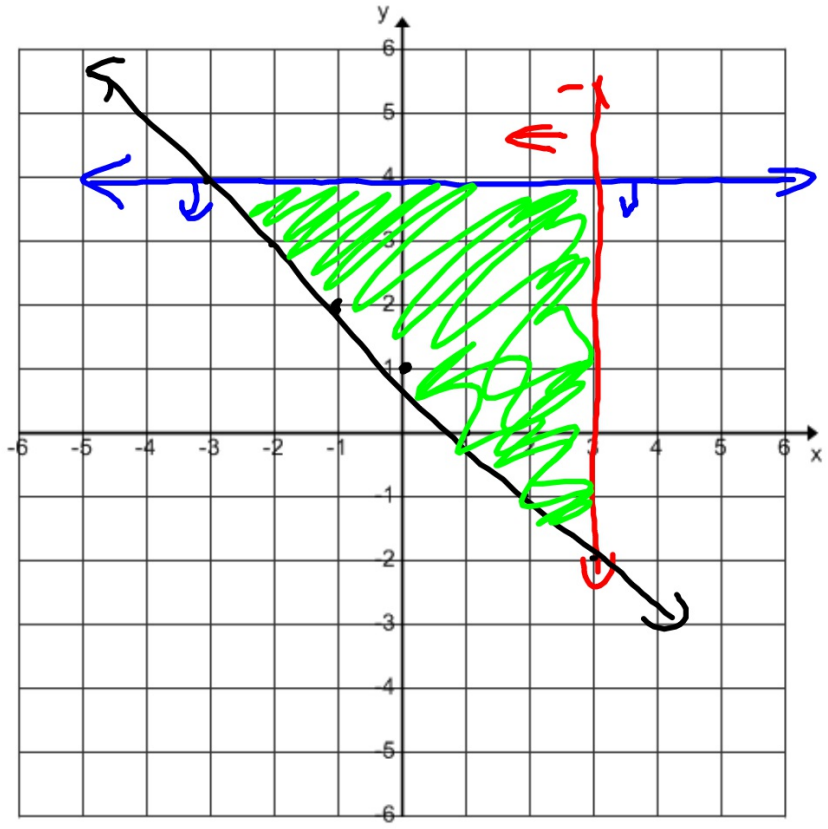


$y = 3$

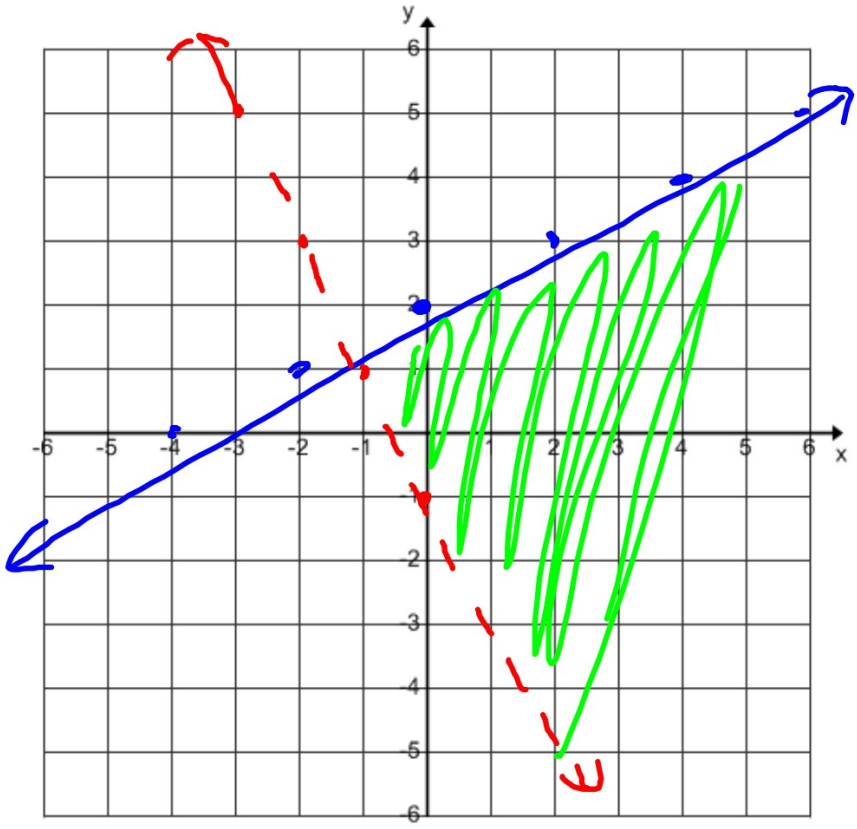
$x = 1$



$$\begin{cases} x \leq 4 \\ x \geq 1 \\ y \leq -1 \end{cases}$$



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



$$\begin{cases} y \leq \frac{1}{2}x + 2 \\ y > -2x - 1 \end{cases}$$