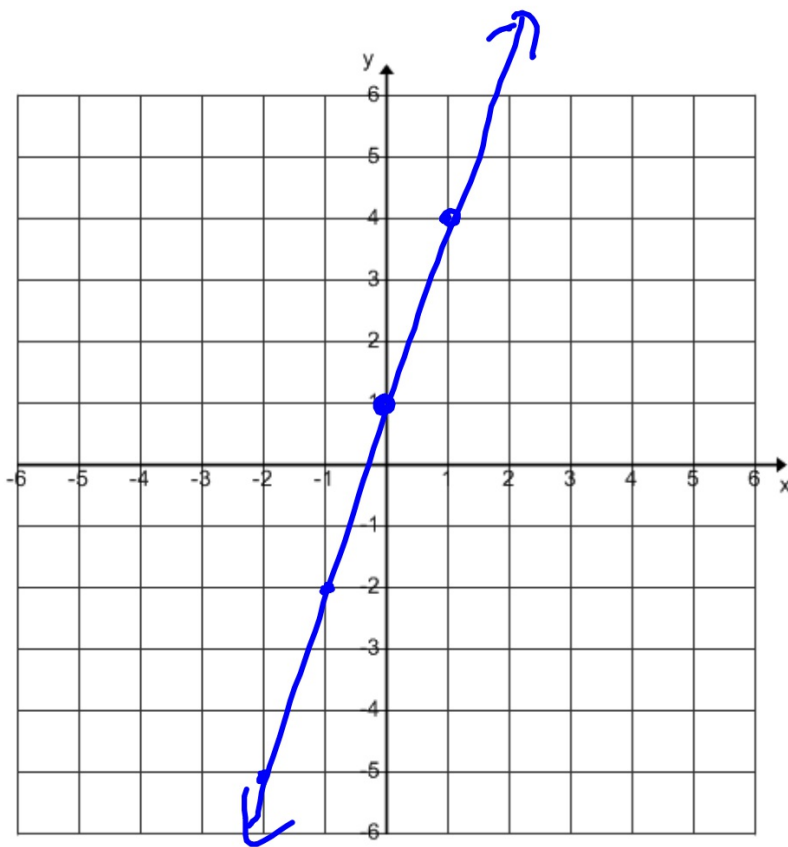
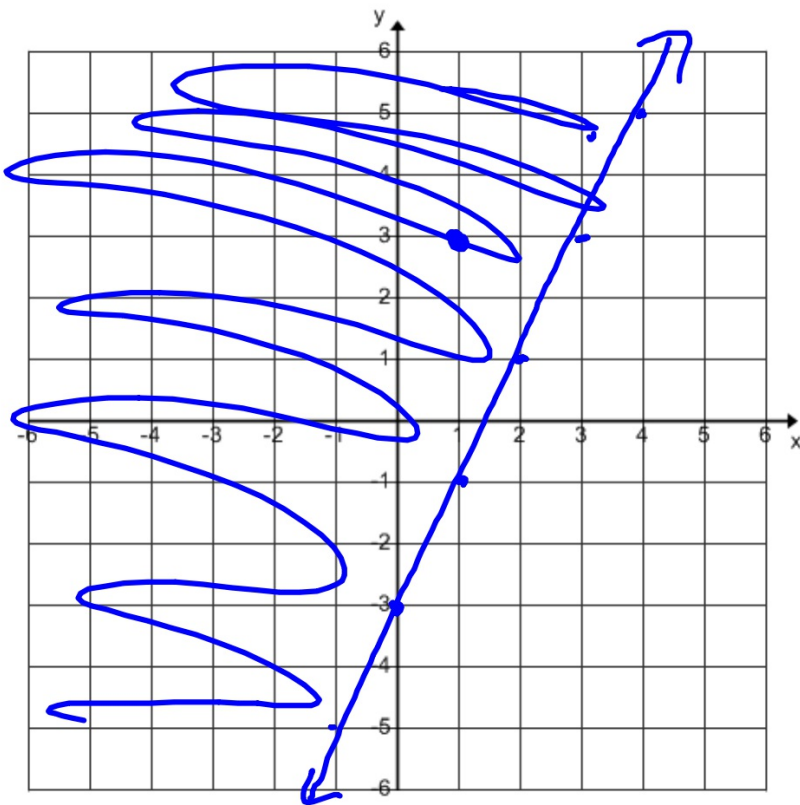


10-6-17



$$y = mx + b$$
$$y = 3x + 1$$

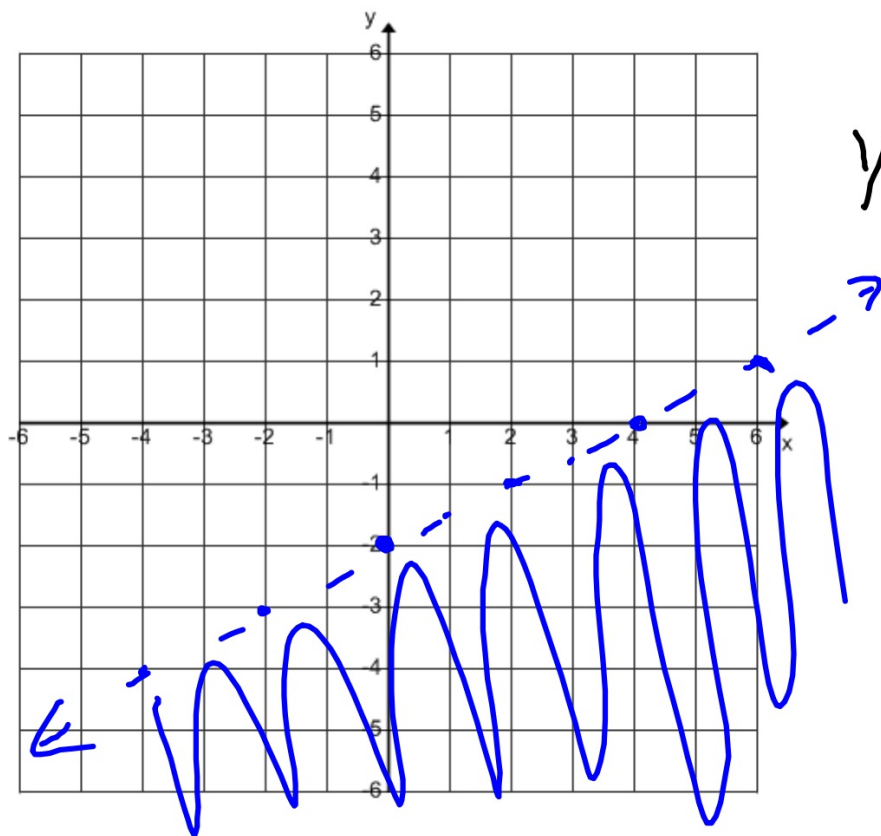
x	y
2	7
1	4



$$y \approx 2x - 3$$

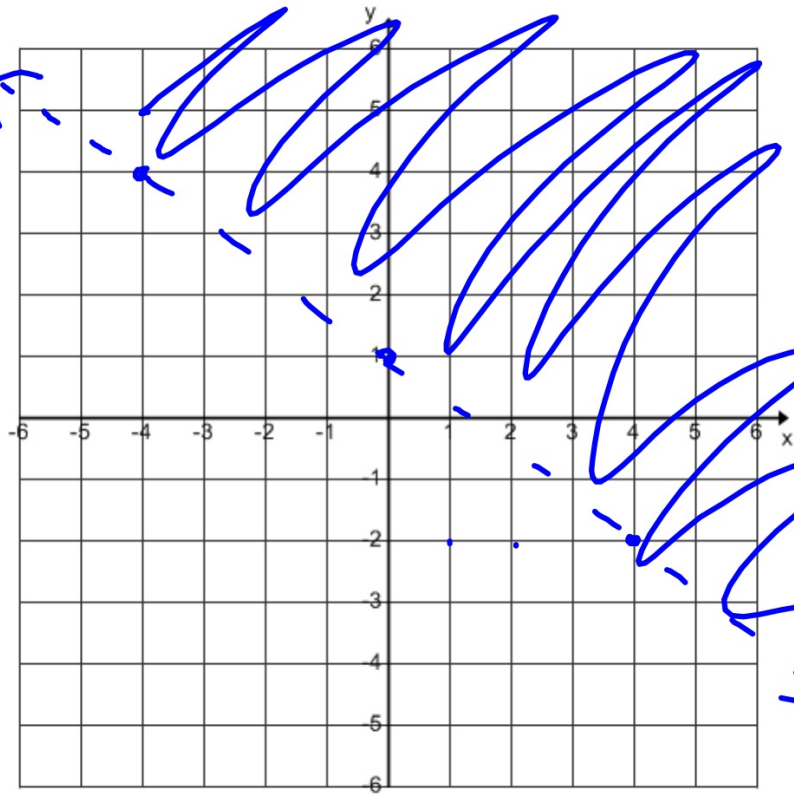
$$3 \approx 2 \cdot 1 - 3$$

$$3 \approx -1$$



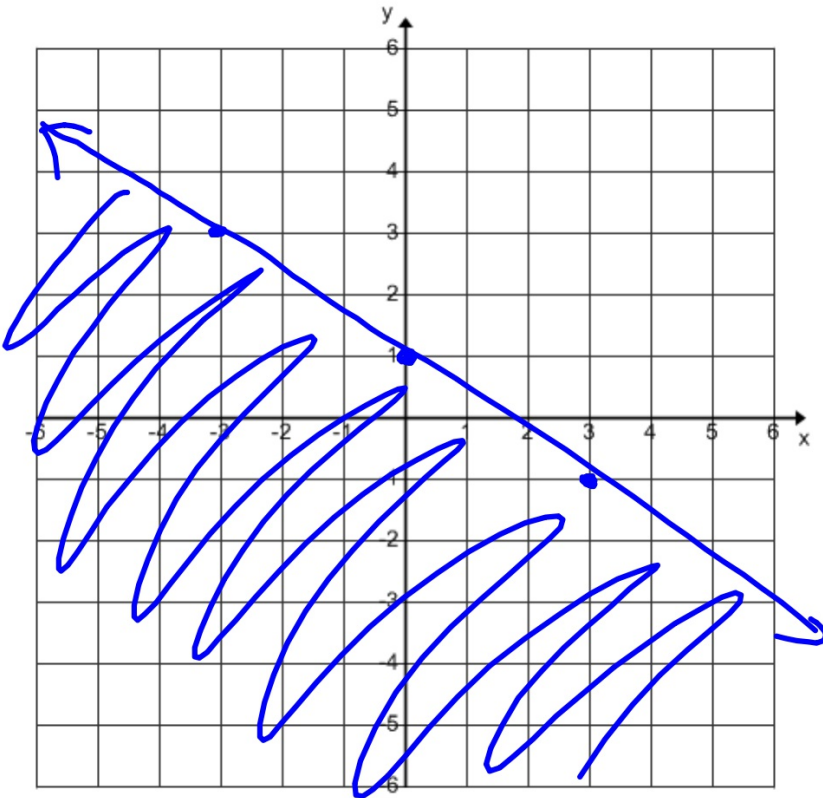
$$y < \frac{1}{2}x - 2$$

500

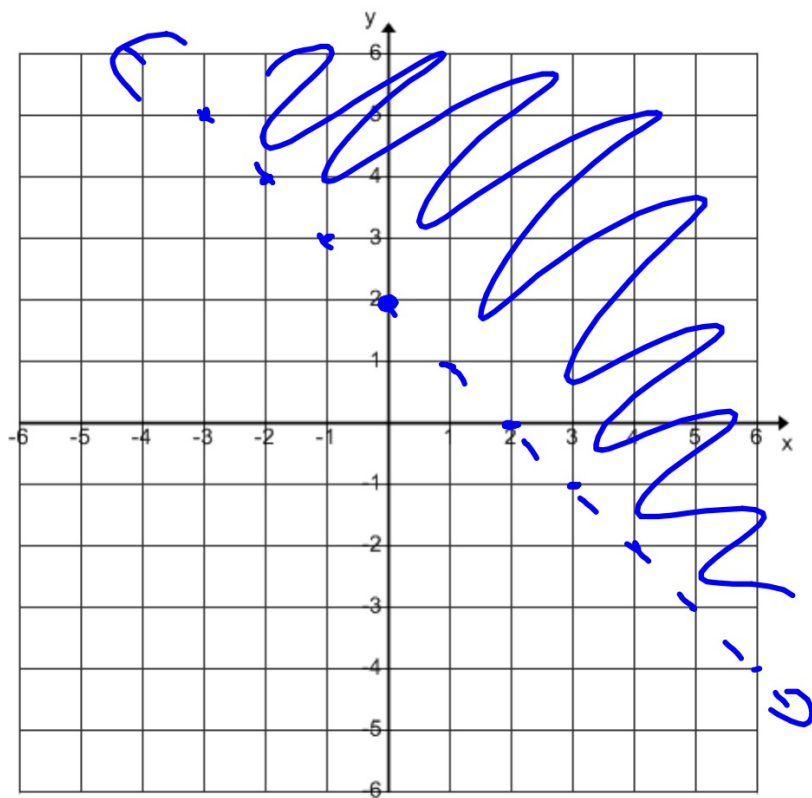


$$y > -\frac{3}{4}x + 1$$

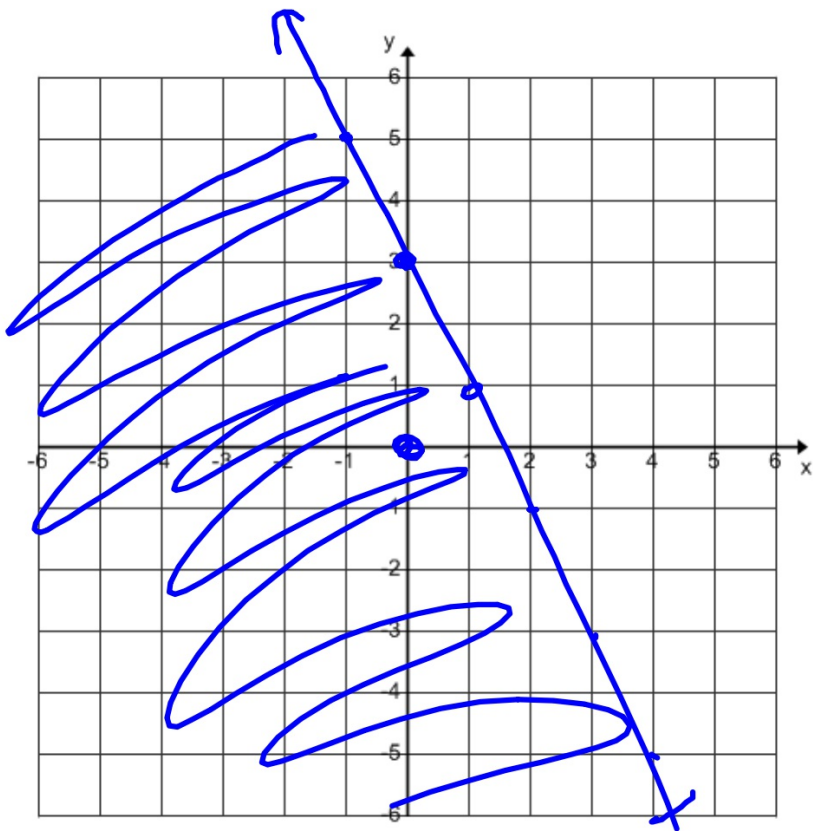
6



$$y \leq -\frac{2}{3}x + 1$$



$$y > -x + 2$$



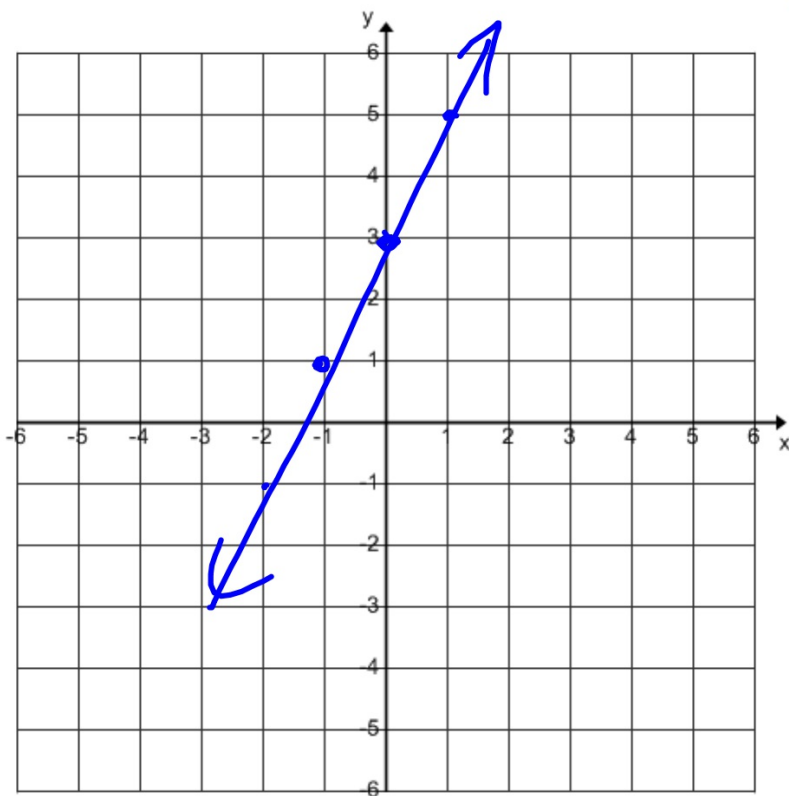
$$y \leq -2x + 3$$

$$0 \leq -2 \cdot 0 + 3$$

$$0 \leq 3$$

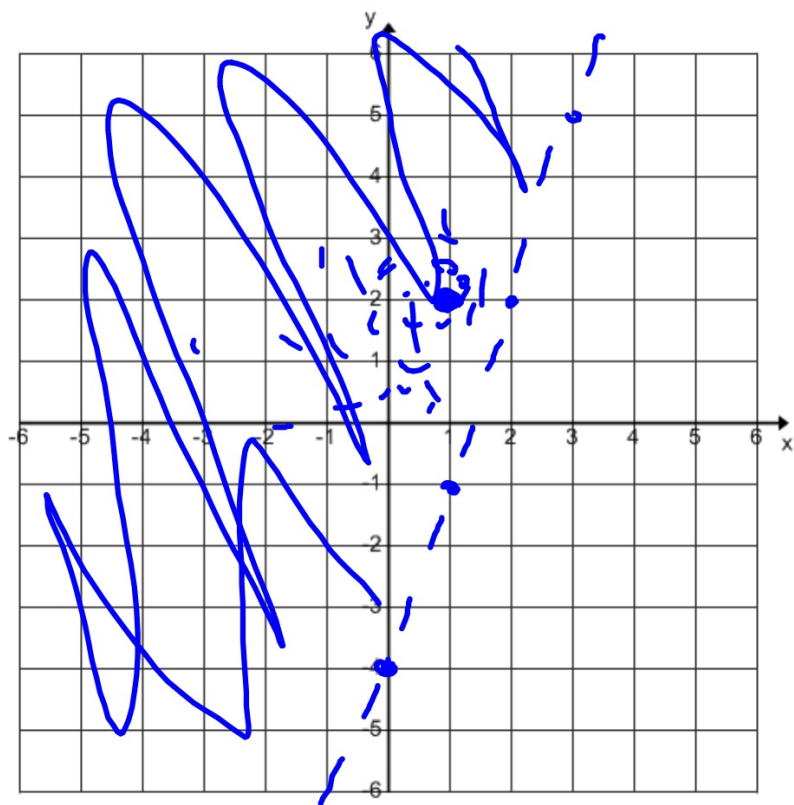
(\therefore)

10-6-17 3rd Trig



$$y = mx + b$$
$$y = 2x + 3$$

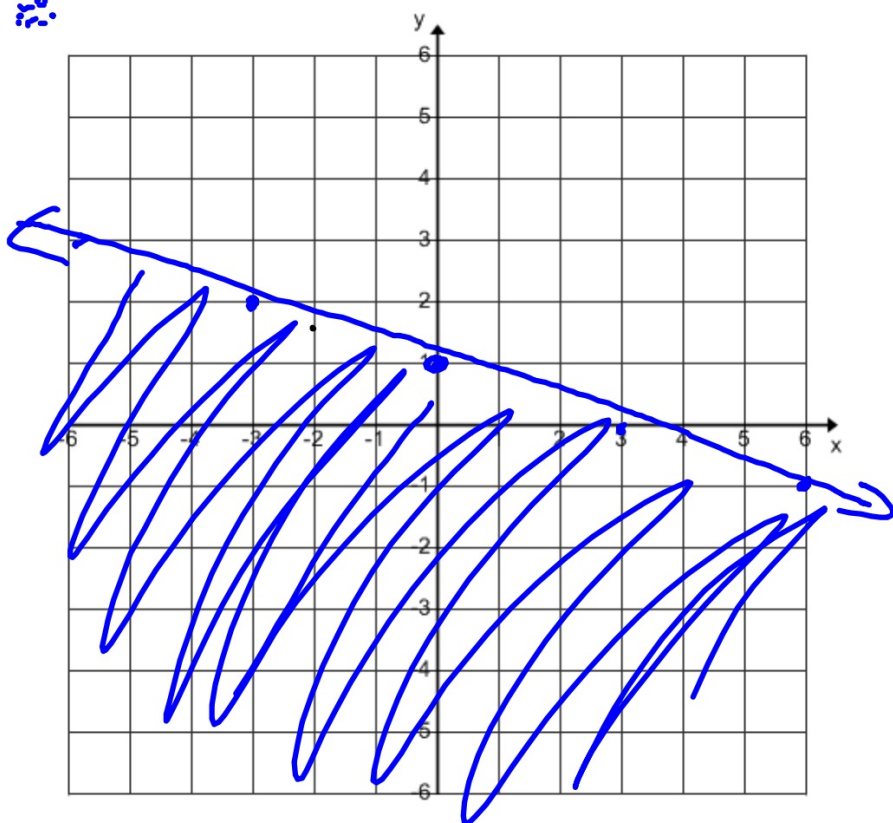
x	y
1	5
2	7
0	3



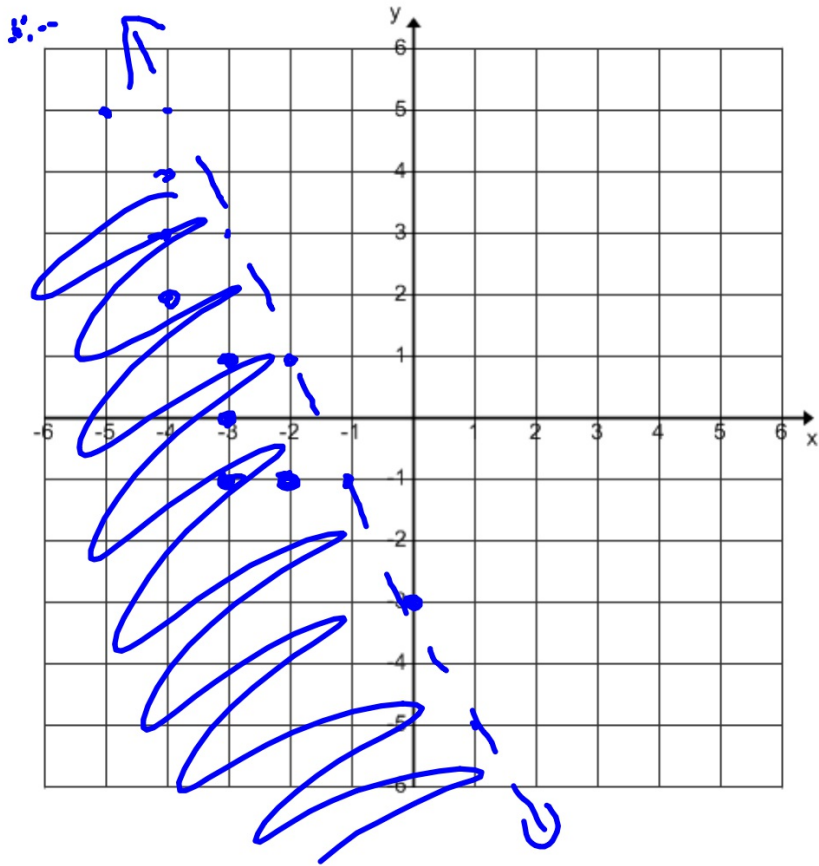
$$y > 3x - 4$$

$$2 > 3 \cdot 1 - 4$$

$$2 > -1$$

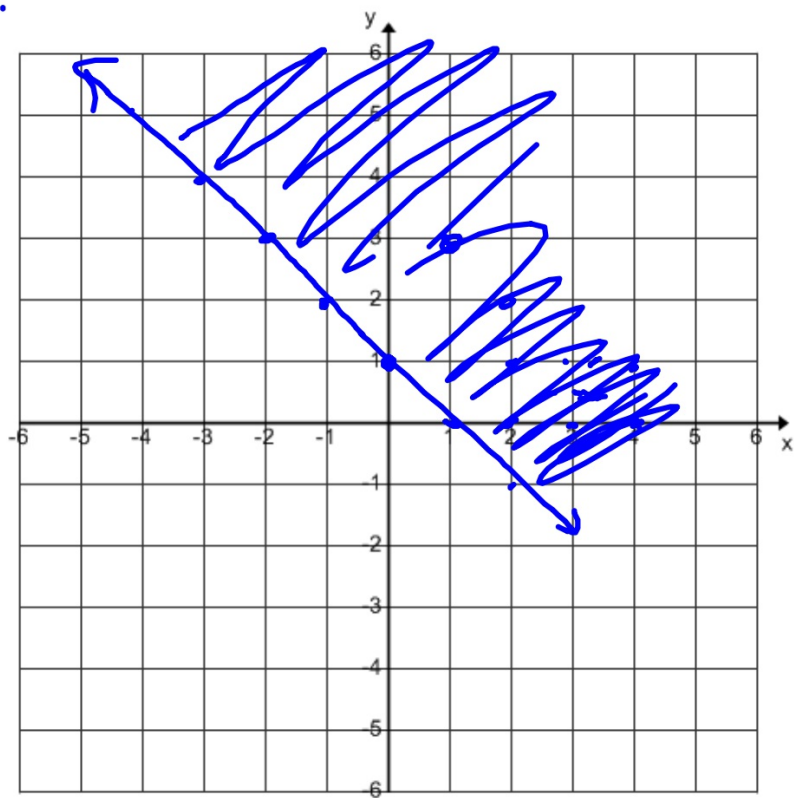


$$y \leq -\frac{1}{3}x + 1$$

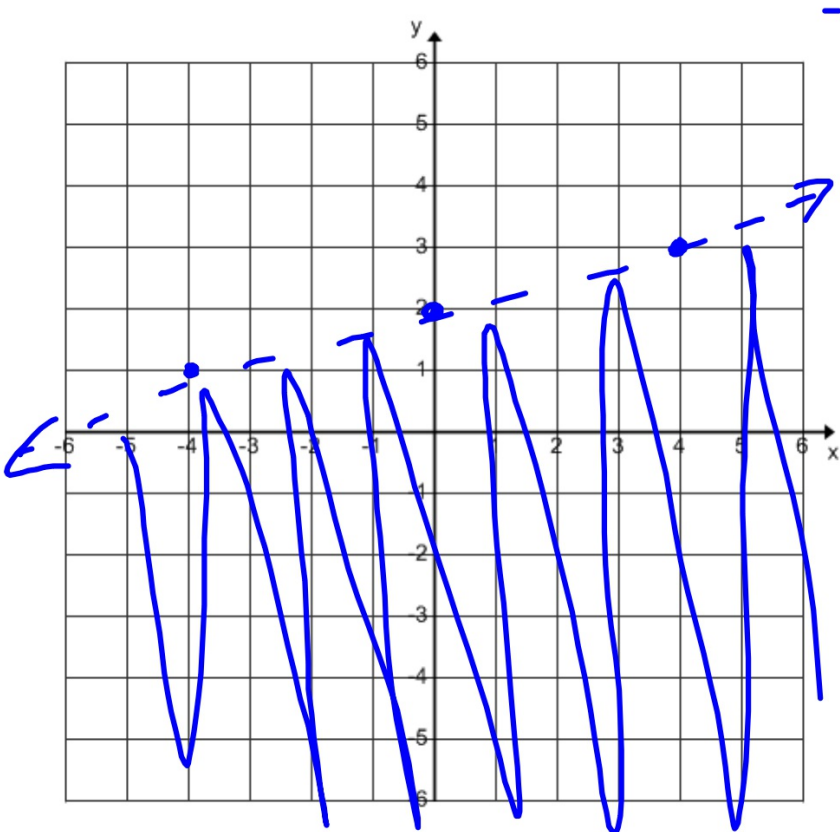


$$y < -2x - 3$$

...



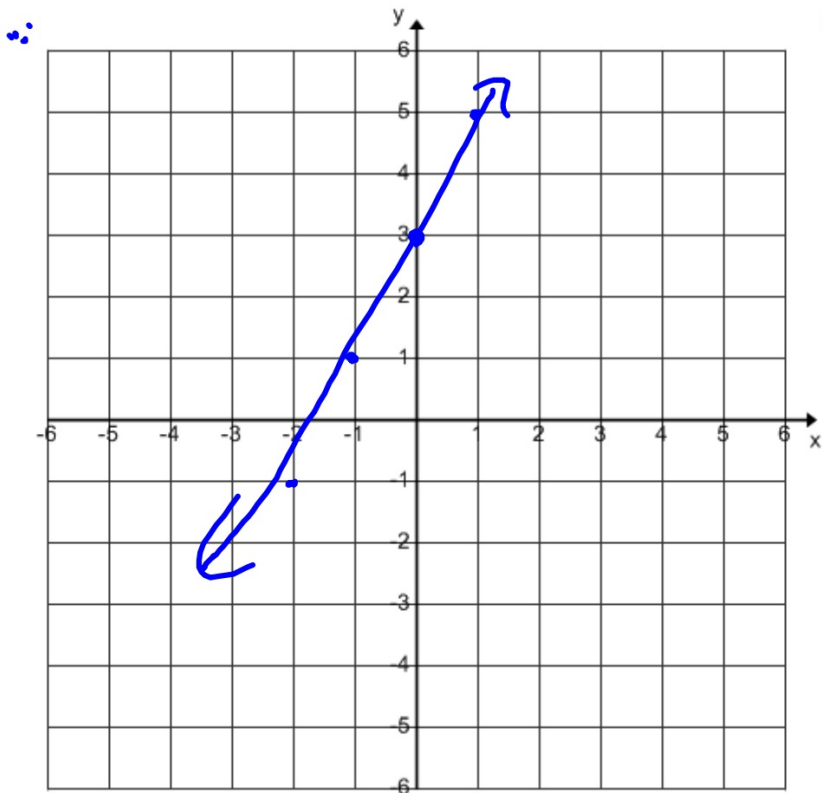
$$y \geq -x + 1$$



...

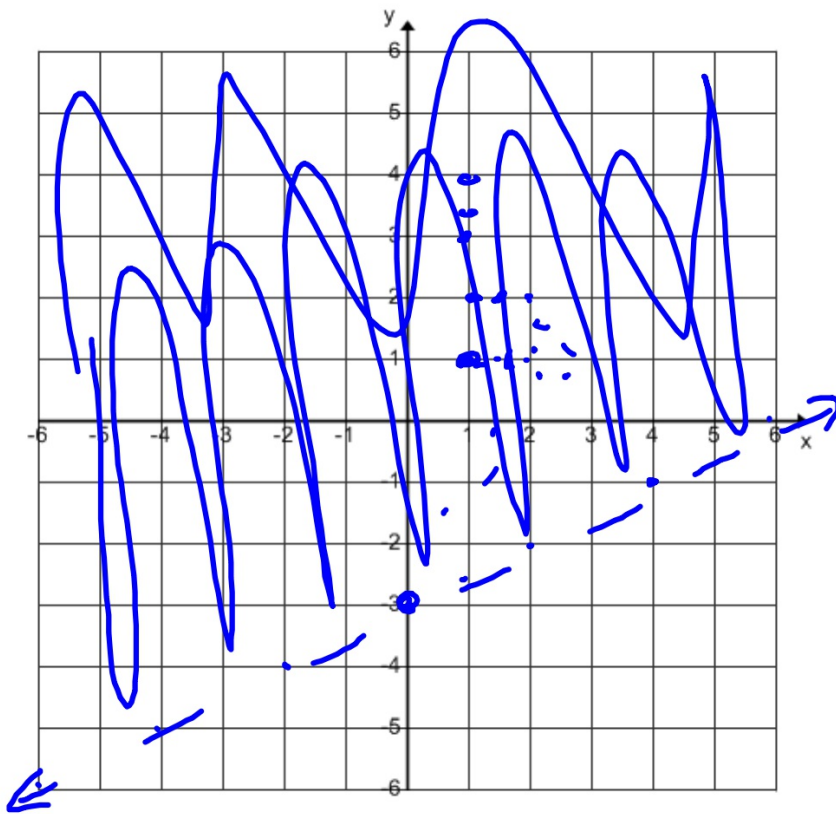
$$y < \frac{1}{4}x + 2$$

10-6-17 4th Try

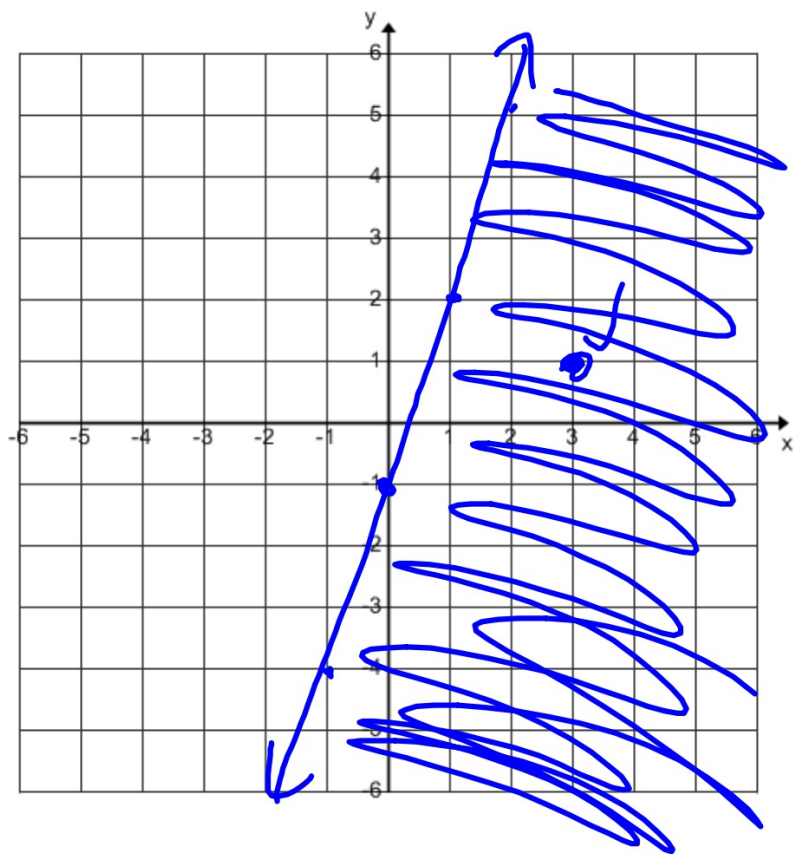


$$y = mx + b$$
$$y = 2x + 3$$

x	y
1	5
2	7



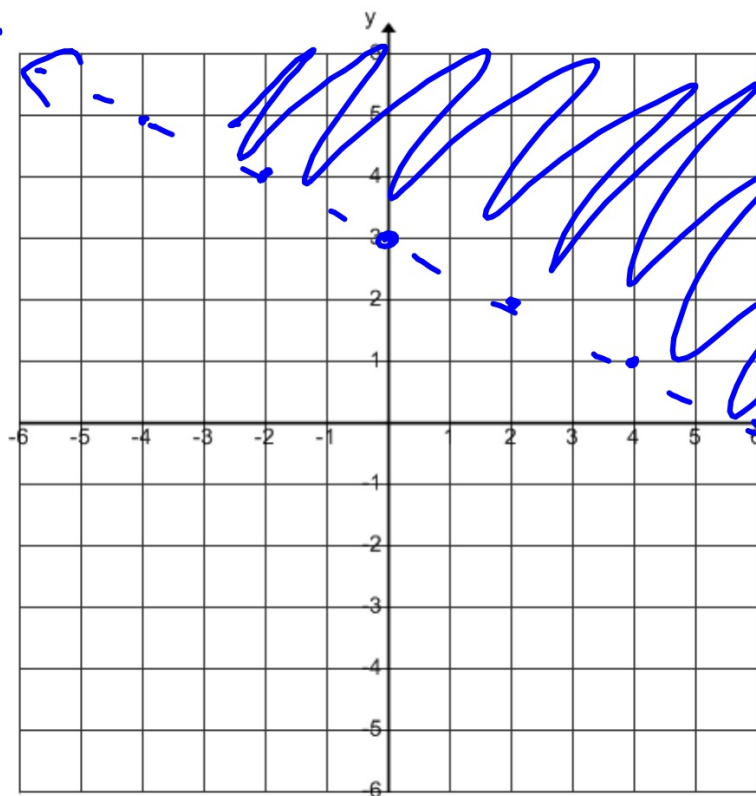
$$y > \frac{1}{2}x - 3$$



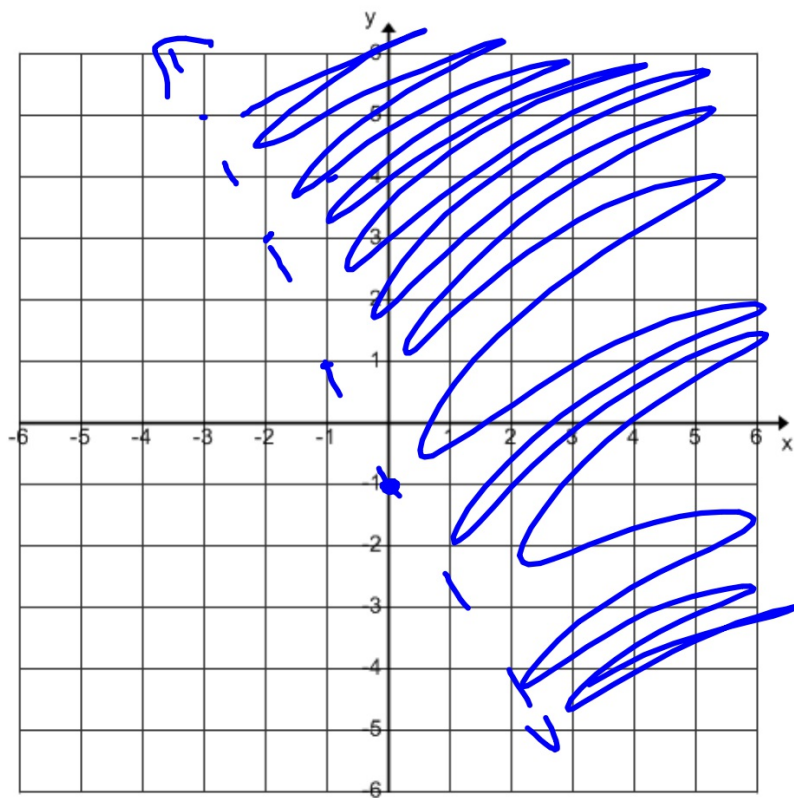
$$y \leq 3x - 1$$

$$1 \leq 3 \cdot 3 - 1$$

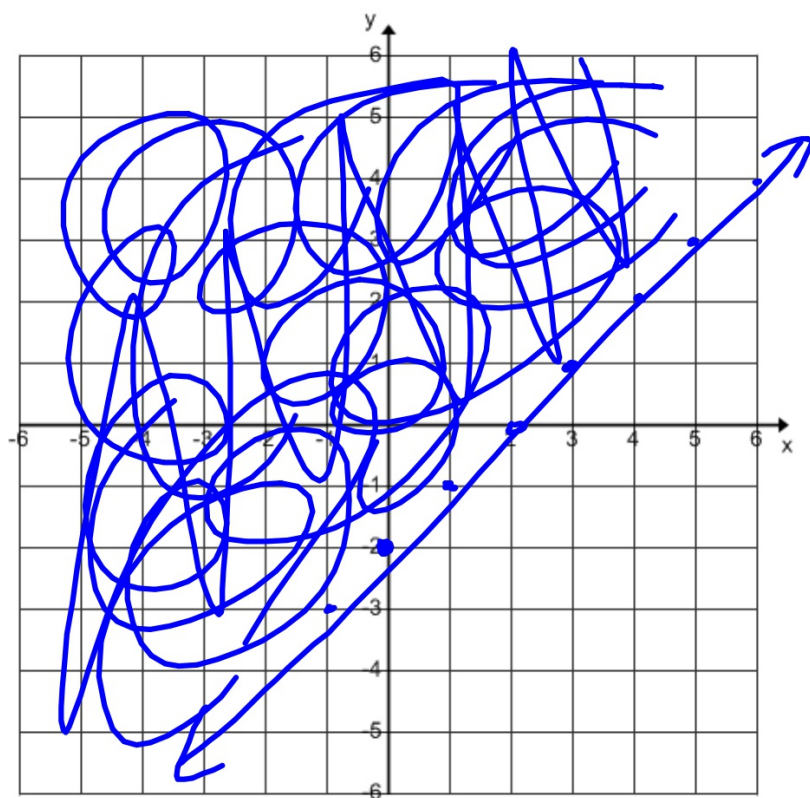
$$1 \leq 8$$



$$y = -\frac{1}{2}x + 3$$



$$y > -2x - 1$$



$$y = x - 2$$