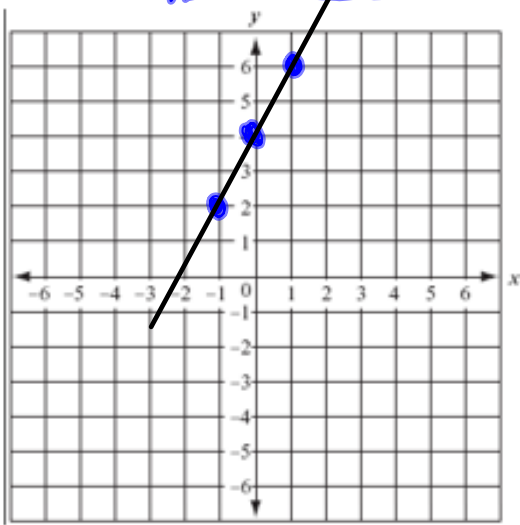


1) Graph:  $-2x + y - 4 = 0$ .

$+2x +4$   $+2x+4$

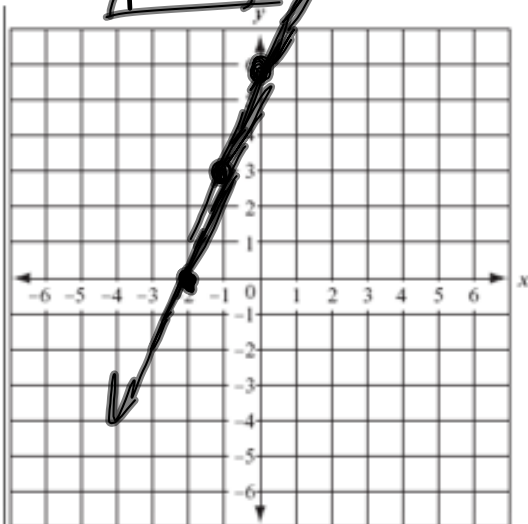


$y = \frac{2x+4}{1}$   
 ↑ start (y-int)

2)  $3x - y + 6 = 0$

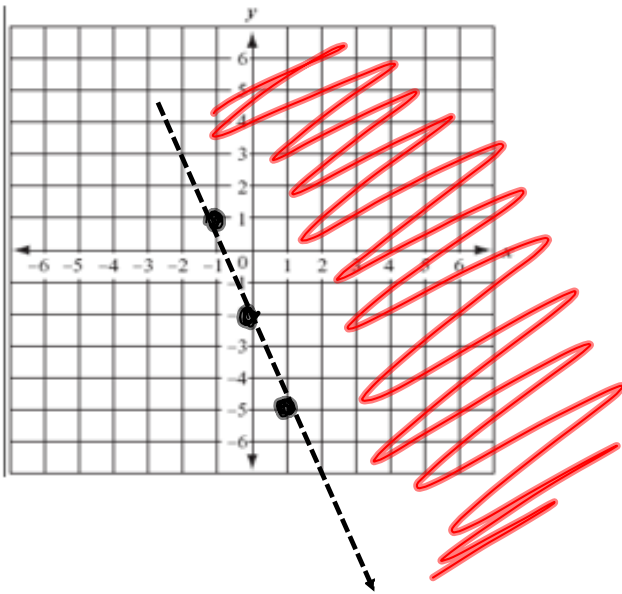
$+y$

$3x+6=y$



$y = \frac{3x+6}{1}$

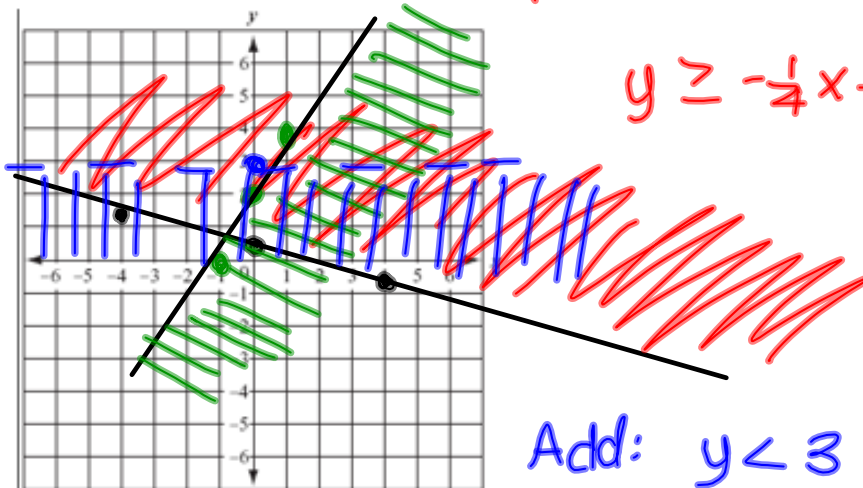
3)  $y > -3x - 2$



4)  $x + 4y \geq 2$

$\frac{4y \geq -x + 2}{4}$

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



Add:  $y < 3$

$y \leq 2x + 2$

Overlap pt:  
(3, 1) (3, 2)