

- ☒ Question numbers ☐ Show answers
☒ Directions ☒ Changing questions hides answers
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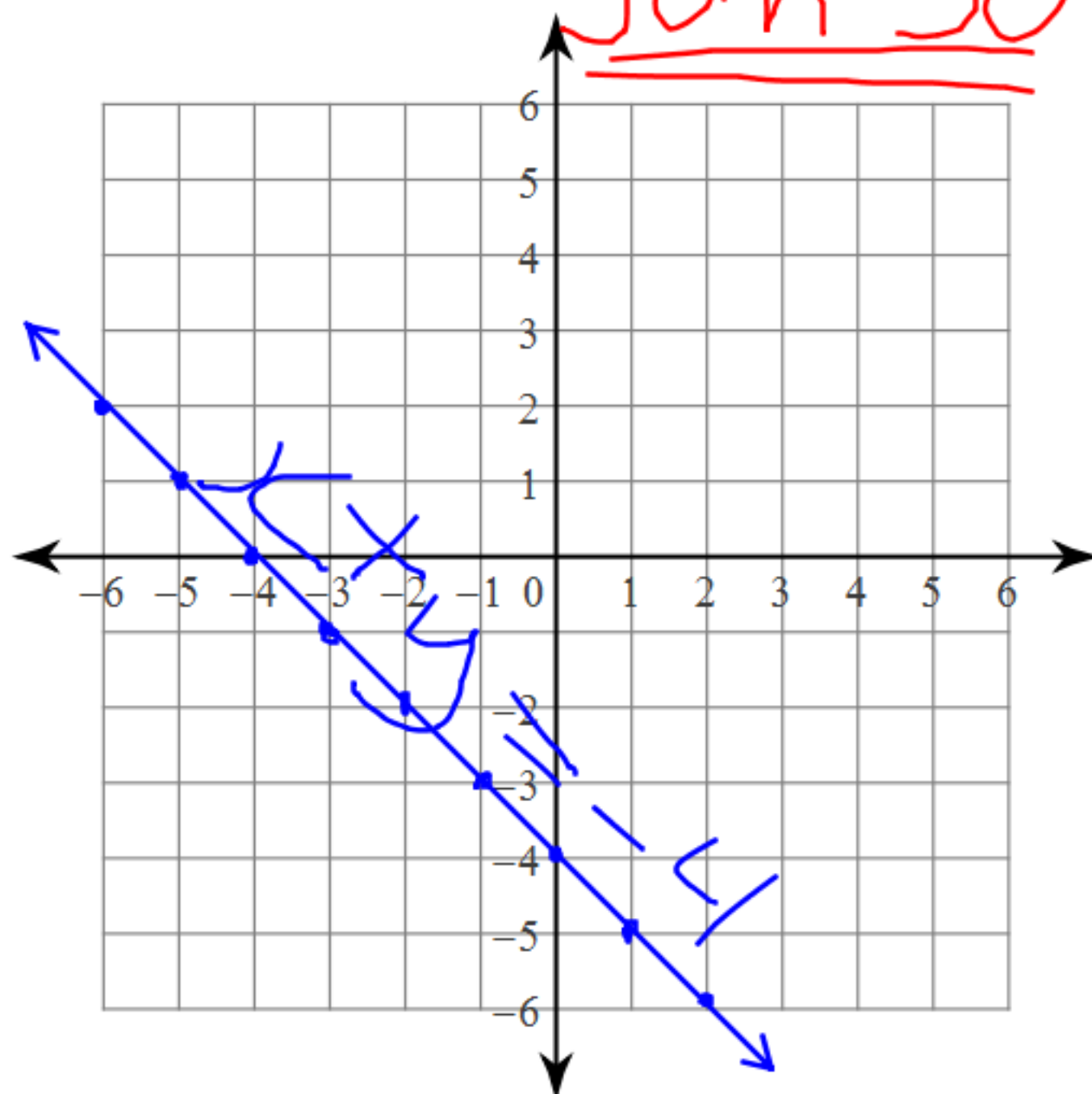
Jump



1-up

7) $x + y = -4$

Jan 30



$$-x + y = -x - 4$$

$$y = -x - 4$$

x	y
2	-6
1	-5
0	-4
-1	-3
-2	-2

$$y = -x - 4$$

$$y = -2 - 4$$

$$y = -(-1) - 4$$

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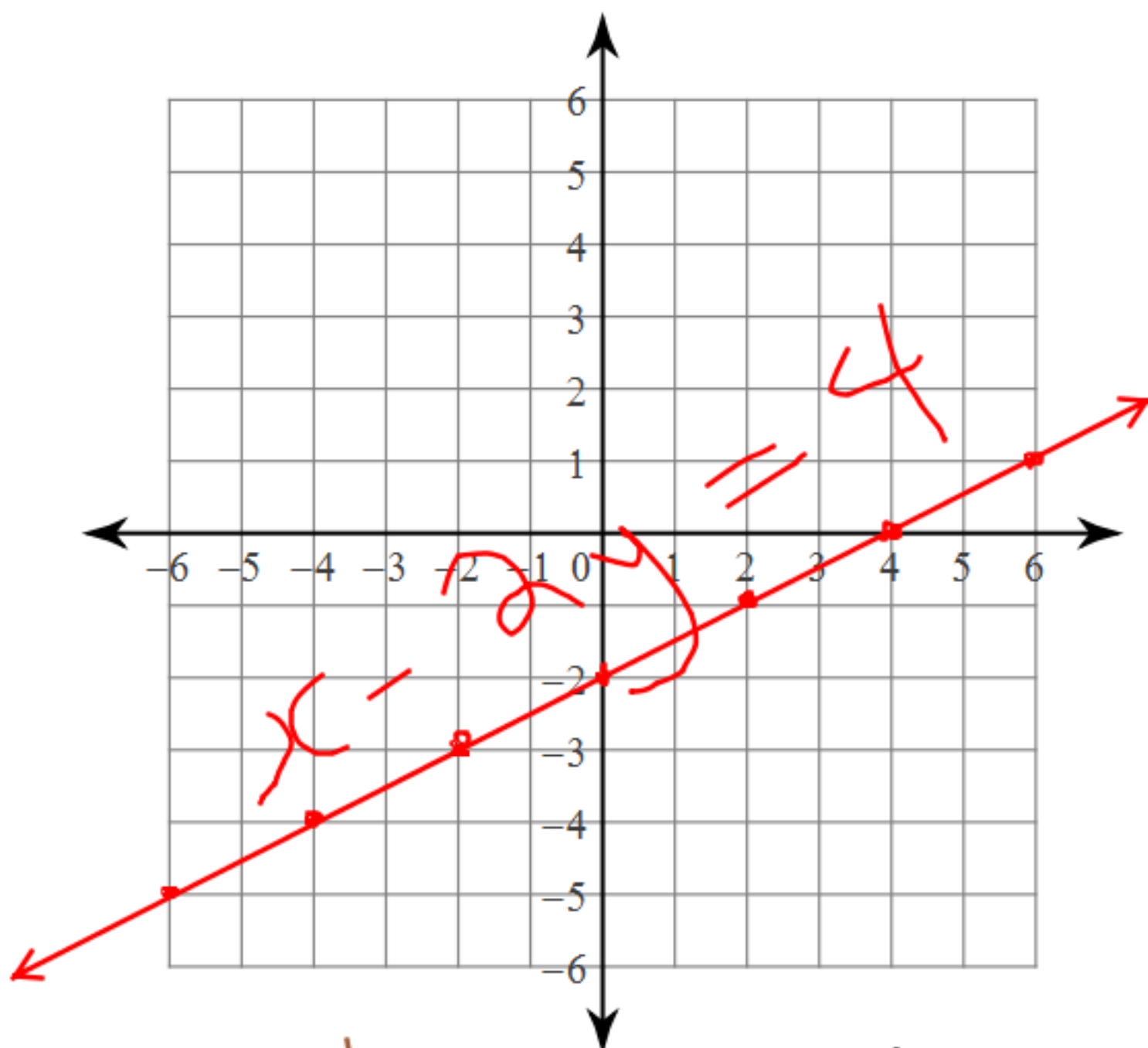


Jump



1-up

8) $x - 2y = 4$



$$x - 2y = 4$$

$$\frac{x}{2} - \frac{4}{2} = \frac{2y}{2}$$

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

x	y
4	0
2	-1
0	-2
-2	-3
-4	-4

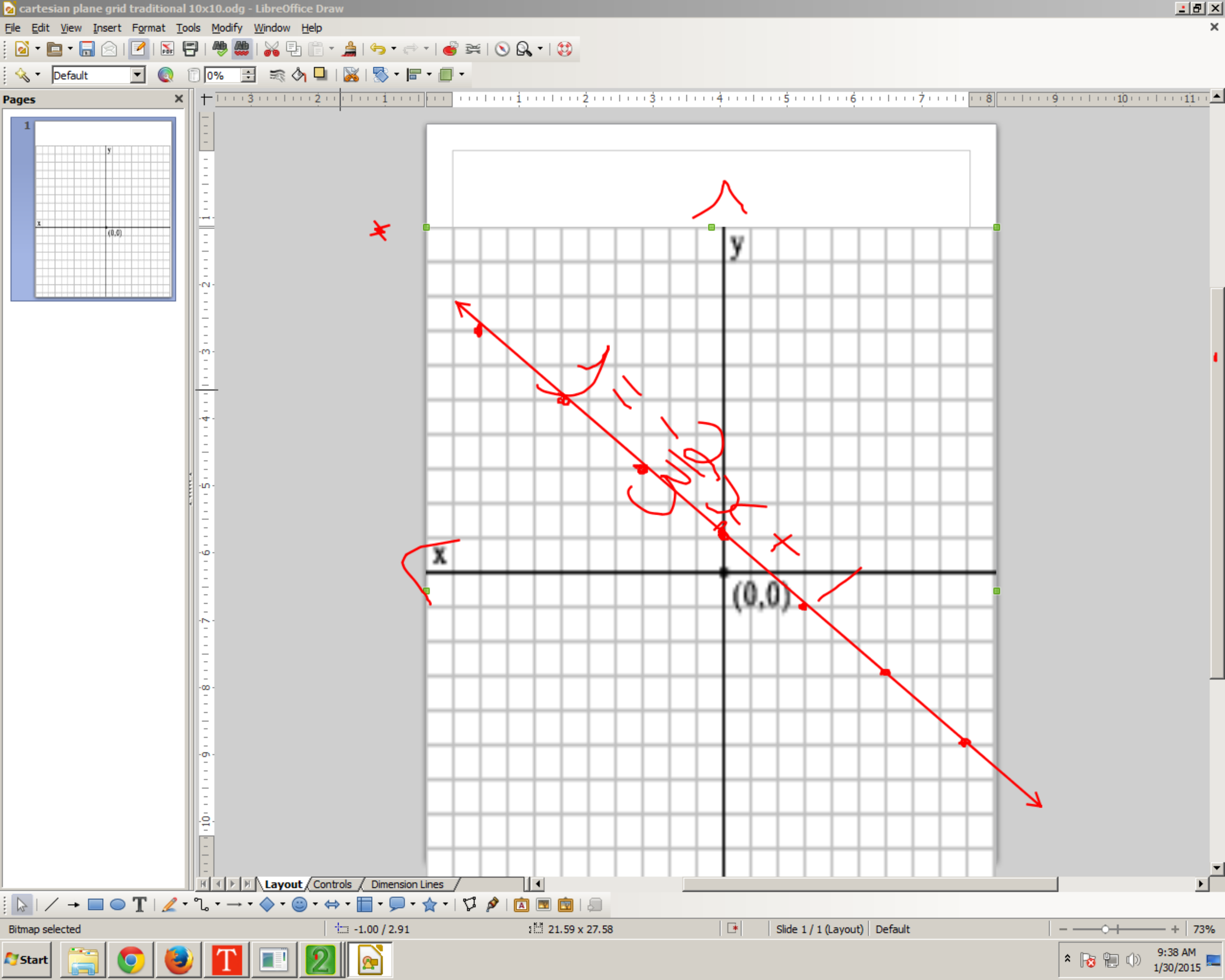
$$y = \frac{1}{2}x - 2$$

$$y = \frac{1}{2}(4) - 2$$

$$y = \frac{4}{2} - 2$$

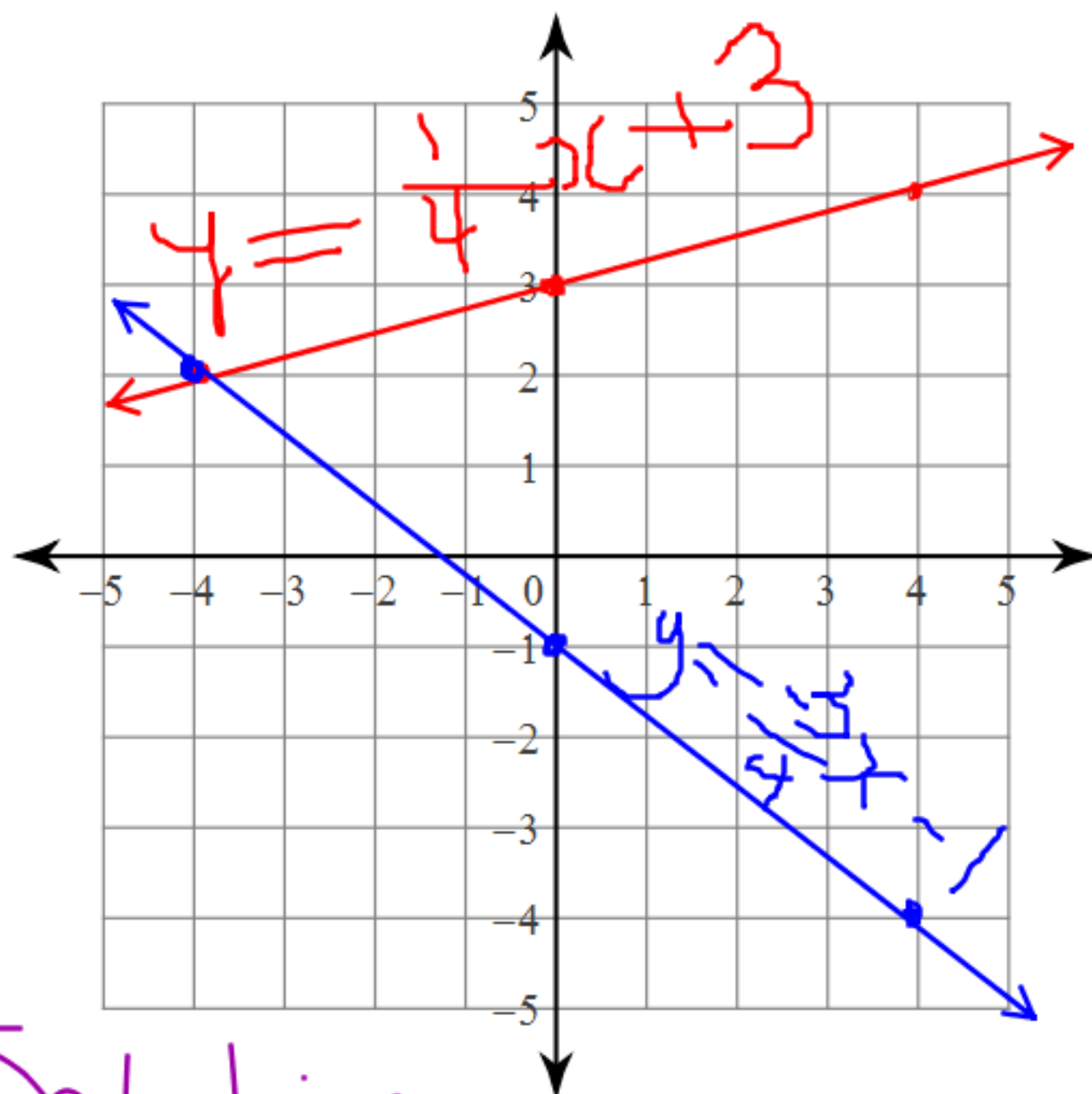
$$y = 2 - 2$$

$$y = 0$$



1) $y = \frac{1}{4}x + 3$

2) $y = -\frac{3}{4}x - 1$



① $y = \frac{1}{4}x + 3$

$m = \frac{1}{4}$ $b = 3$

② $y = -\frac{3}{4}x - 1$

$m = -\frac{3}{4}$ $b = -1$

Solution:
Point of Intersection $(-4, 2)$

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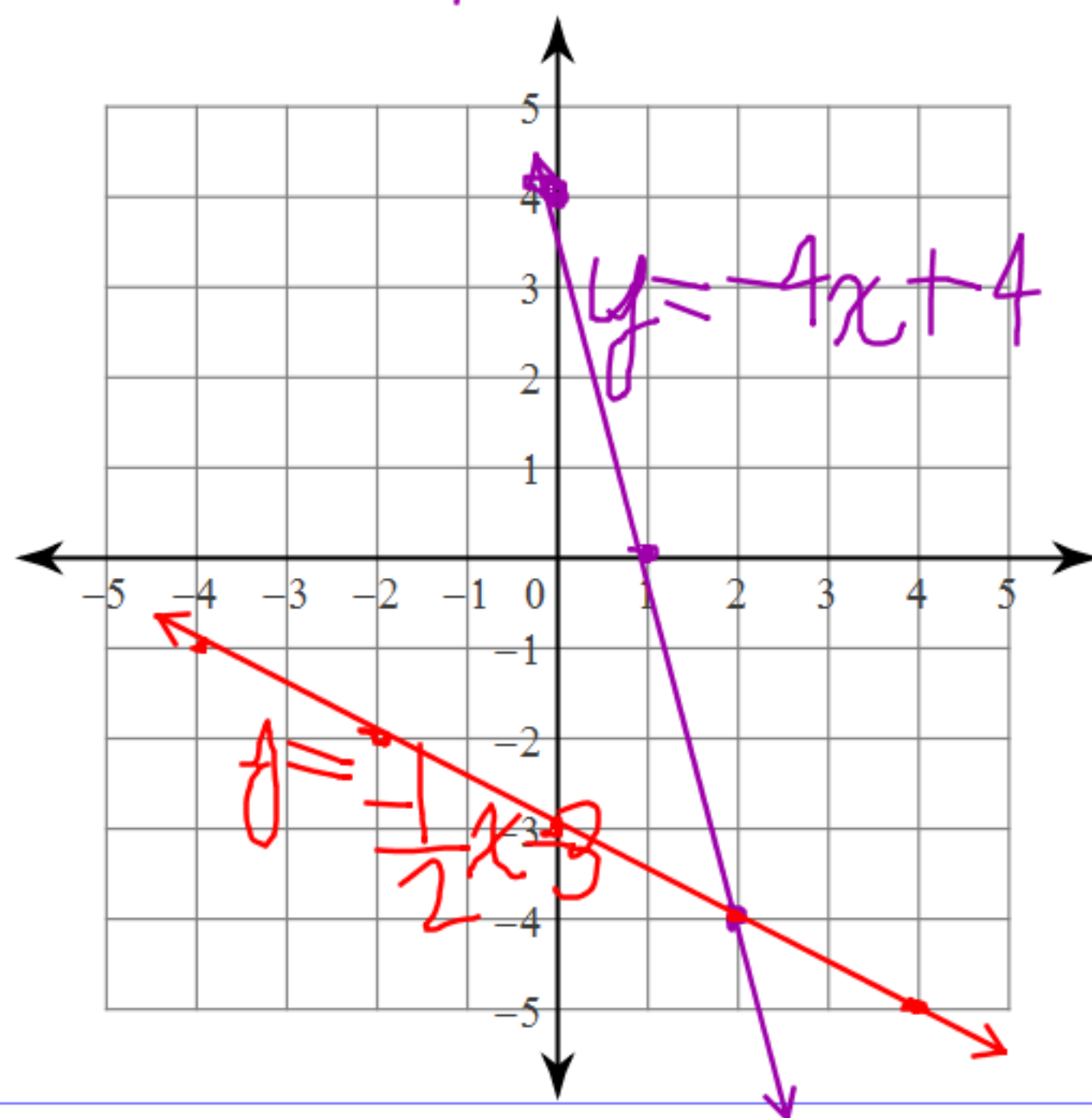


1-up

2) $y = -4x + 4$ $m = -4$ $b = +4$

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

Solution: POI
= (2, -4)



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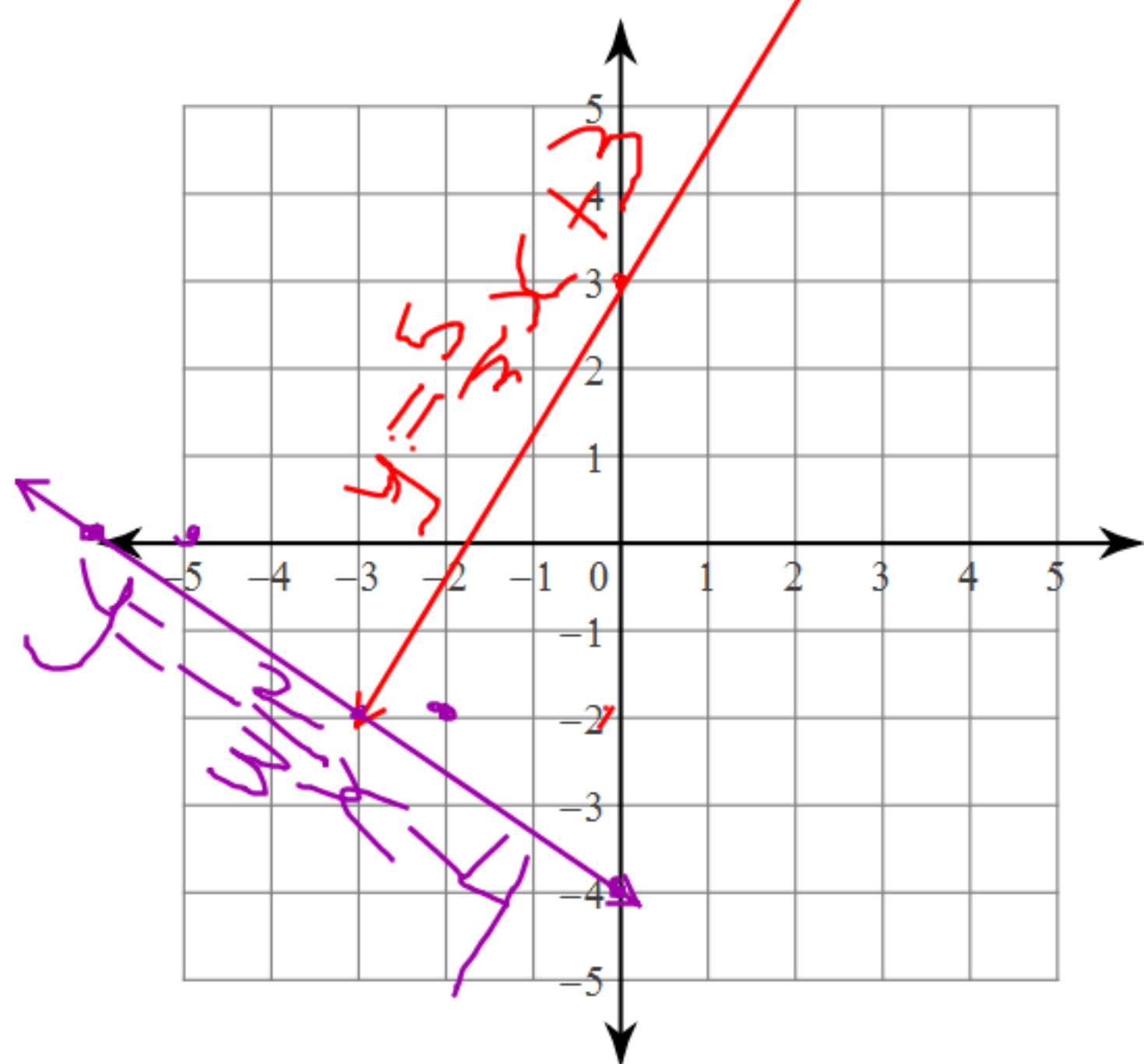
Jump

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1-up

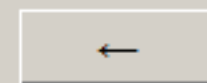
3) $y = \frac{5}{3}x + 3$ $m = \frac{5}{3}$ $b = 3$
 $y = -\frac{2}{3}x - 4$ $m = -\frac{2}{3}$ $b = -4$

Solution: $(-3, -2)$

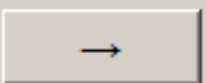


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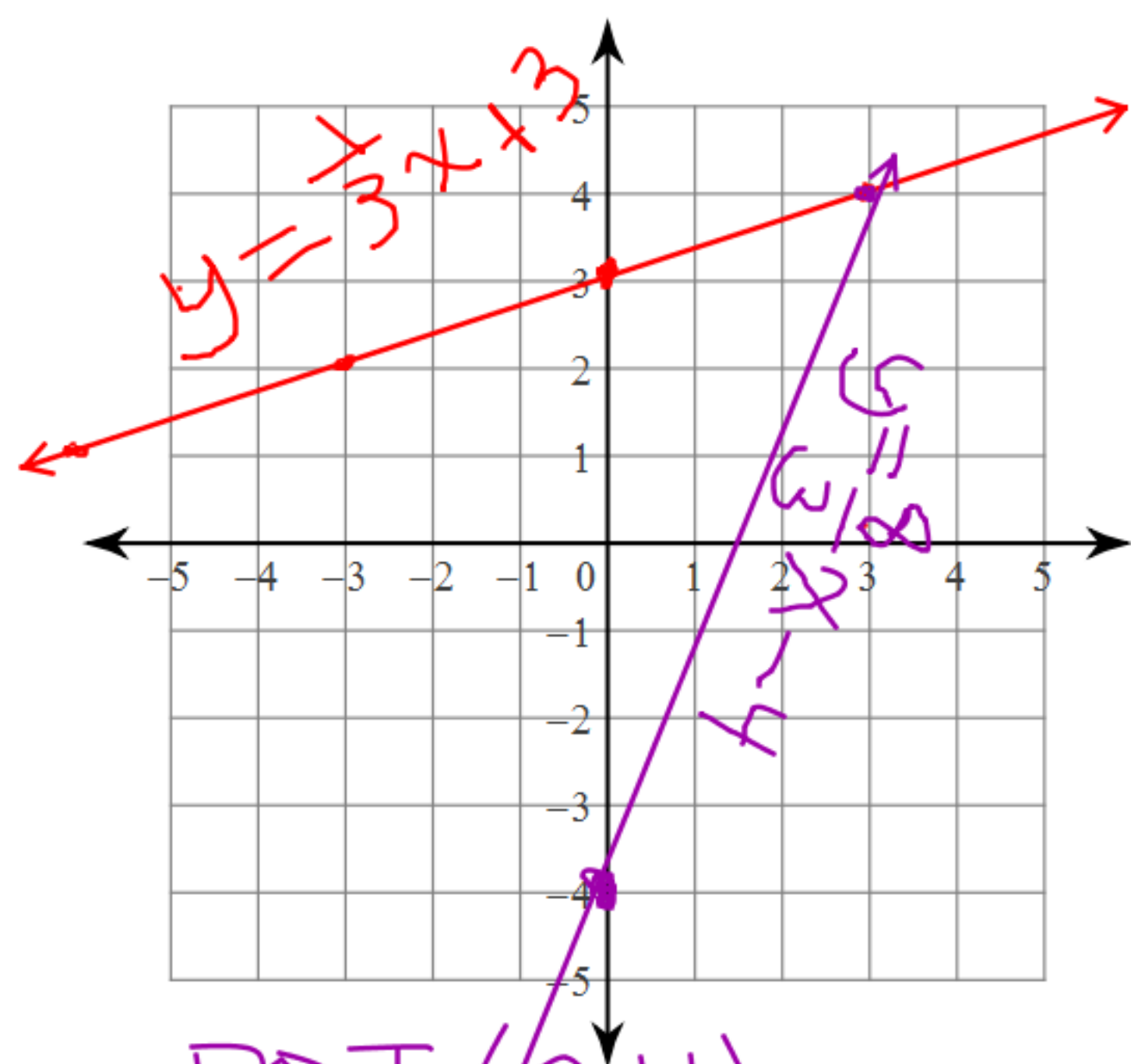
1-up

4) $y = \frac{1}{3}x + 3$

$m = \frac{1}{3}$ $b = 3$

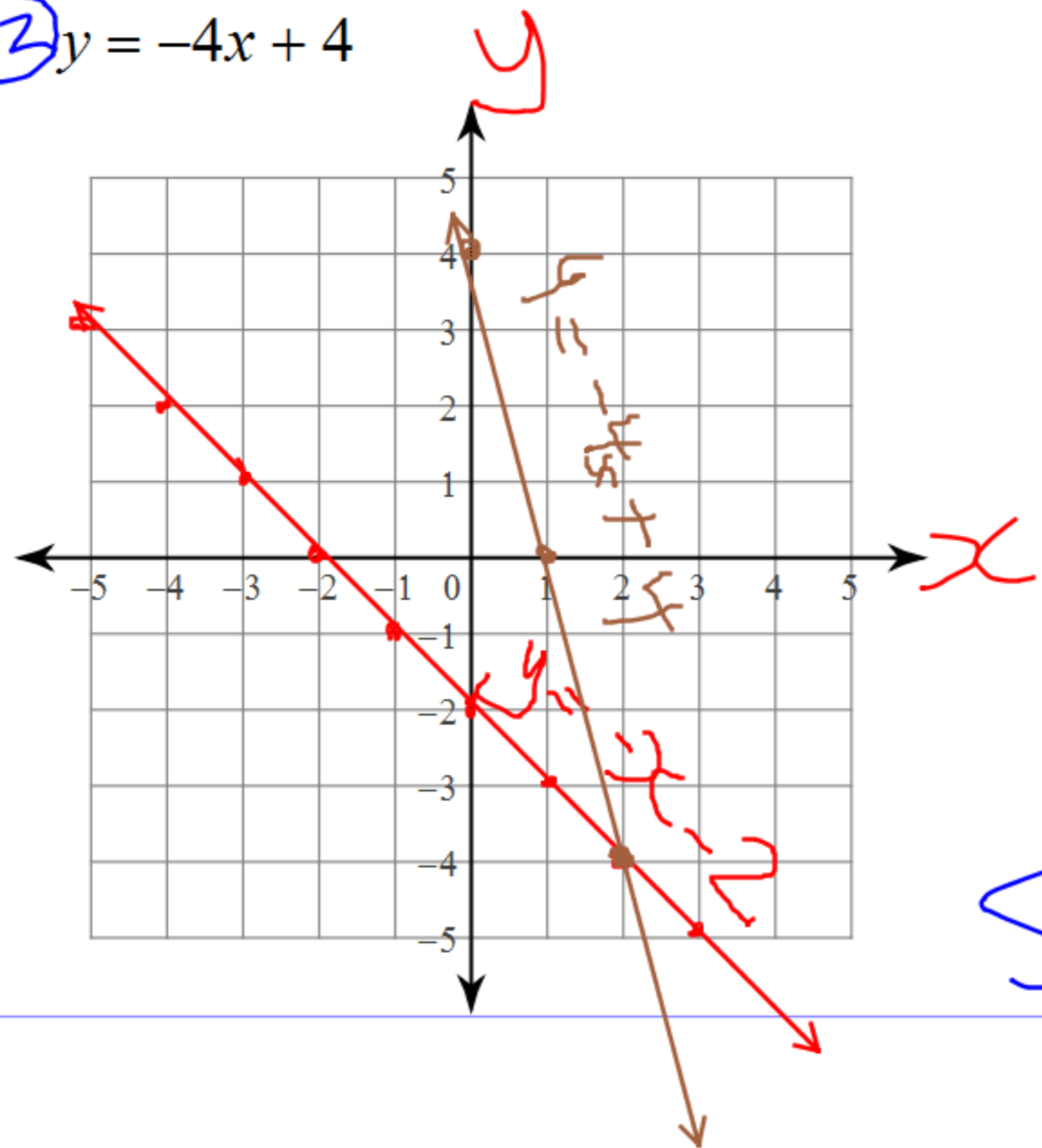
$y = \frac{8}{3}x - 4$

$m = \frac{8}{3}$ $b = -4$



POI (3, 4)

5) ① $y = -x - 2$
 ② $y = -4x + 4$



① $y = -x - 2$

$m = -1$ $b = -2$

② $y = -4x + 4$

$m = -4$ $b = 4$

Solution
 P01 (2, -4)

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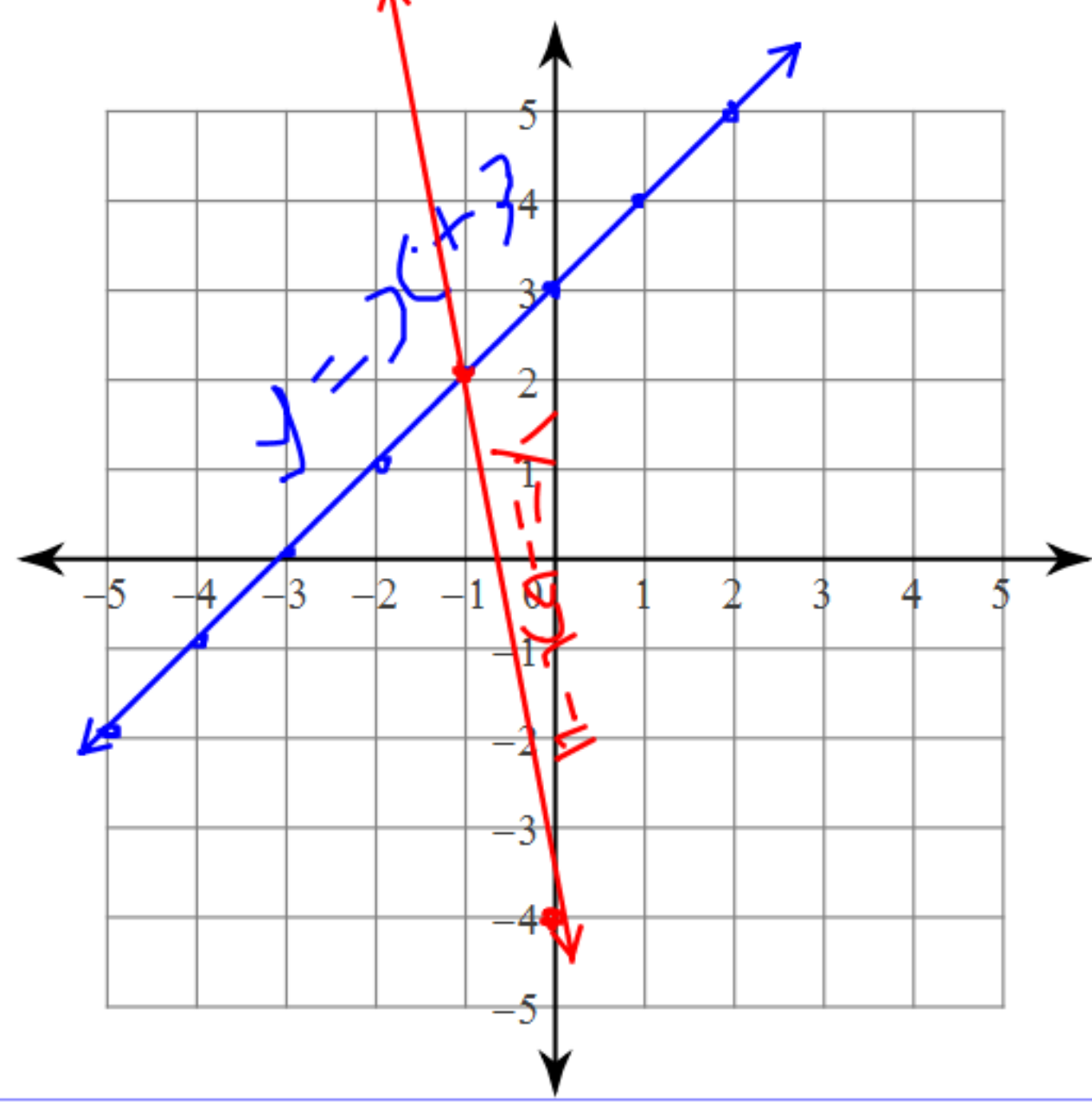
1-up

6) $y = x + 3$

$y = -6x - 4$

$m = -\frac{6}{1}$
 $b = -4$

$b = 3$
 $m = 1$



$POI = (-1, 2)$