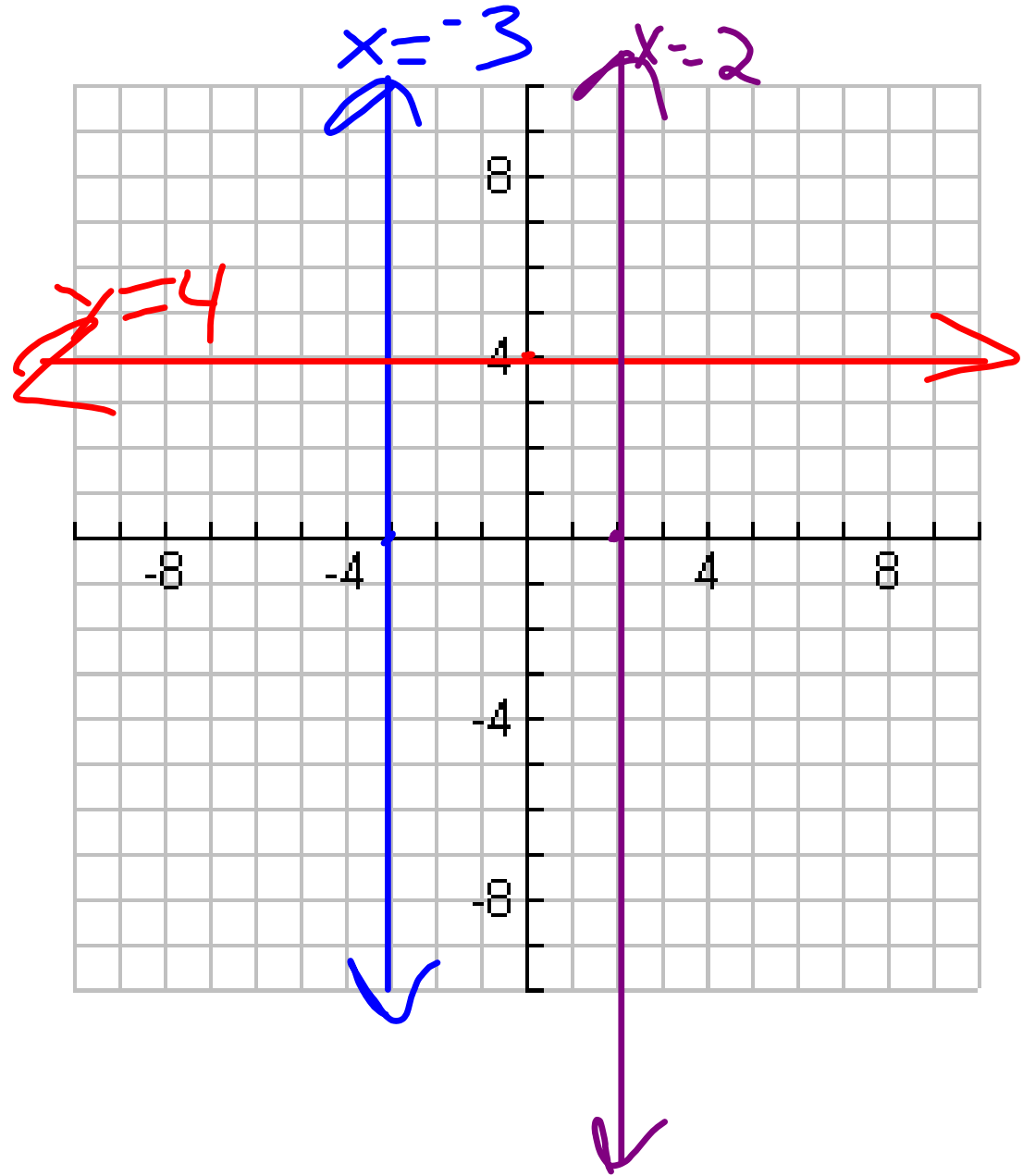


⑪  $x = -3$

⑫  $y = 4$

⑬  $x = 2$



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$$\text{Line A: } \underbrace{-2x + y = -10}_{\substack{+2x \\ +2x}} \Rightarrow y = 2x + 10$$

$$\text{Line B: } \underbrace{-6x + 3y = -13}_{\substack{+6x \\ +6x}}$$

$$\frac{3y}{3} = \frac{2 \cdot 6x}{3} + \frac{13}{3}$$

$$y = 2x + \frac{13}{3}$$

Yes... they  
have the same  
Slope but  
Diff. y-int.

25)  $-15x + 3y = -18$ , A, B, C.

$A = -15$     $B = 3$     $C = -18$

26) S.I.f.

$$\begin{array}{r} -15x + 3y = -18 \\ +15x \qquad +15x \\ \hline 3y = 15x - 18 \\ \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \\ y = 5x - 6 \\ \hline \hline \end{array}$$

27)  $m = \text{slope} = \frac{\text{rise}}{\text{run}} = 5$

$b = \text{yint} = -6$

⑤

$$\begin{array}{r} 7x - 4y = 20 \\ -7x \phantom{- 4y} = -7x \end{array}$$

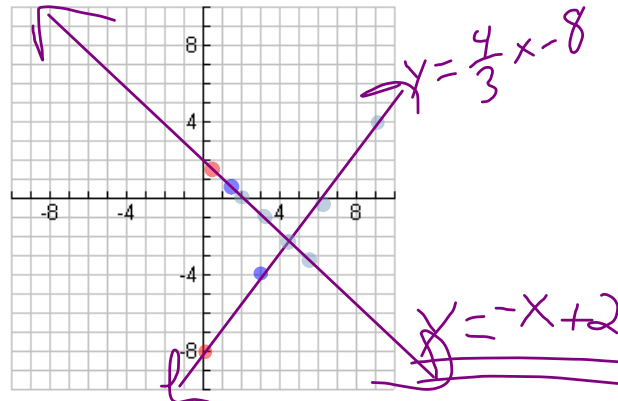
$$\begin{array}{r} -4y = 7x + 20 \\ \hline -4 \phantom{y} = -4 \phantom{y} + 20 \\ \hline \phantom{-4y} = \phantom{7x} + 20 \\ \hline \phantom{-4y} = \phantom{7x} + 5 \end{array}$$

$$\underline{\underline{y = \frac{7}{4}x - 5}}$$

(34)  $y = \frac{4}{3}x - 8$   
 $y = mx + b$   
 $m = \text{slope} = \frac{\text{rise}}{\text{run}} = \frac{\text{change in } y}{\text{change in } x} = \frac{y_2 - y_1}{x_2 - x_1}$

$m = \text{slope} = \frac{\text{rise}}{\text{run}} = \frac{4}{3}$  Up 4  
Right 3

$b = y\text{-int.} = -8 \Rightarrow (0, -8)$



(33)  $m = \text{slope} = \frac{\text{rise}}{\text{run}} = \frac{\text{change in } y}{\text{change in } x} = \frac{y_2 - y_1}{x_2 - x_1}$   
 $y = -x + 2$

$y = mx + b$   
 $m = \text{slope} = \frac{\text{rise}}{\text{run}} = -1 = \frac{-1}{1}$  Down 1  
Right 1

$b = y\text{-int.} = 2 \Rightarrow (0, 2)$

⑮ Abs. Value: Distance from zero.

⑯ slope:

$$m = \text{slope} = \frac{\text{rise}}{\text{run}} = \frac{\text{change in } y}{\text{change in } x} = \frac{y_2 - y_1}{x_2 - x_1}$$

⑰ 2 pt  $\rightarrow$  line

⑱  $x = \text{zero}$  for the  $y$ -int.  
 $y = \text{zero}$  for the  $x$ -int.

⑲ // line = 2 or More lines

that never intersect and are  
on the same plane.