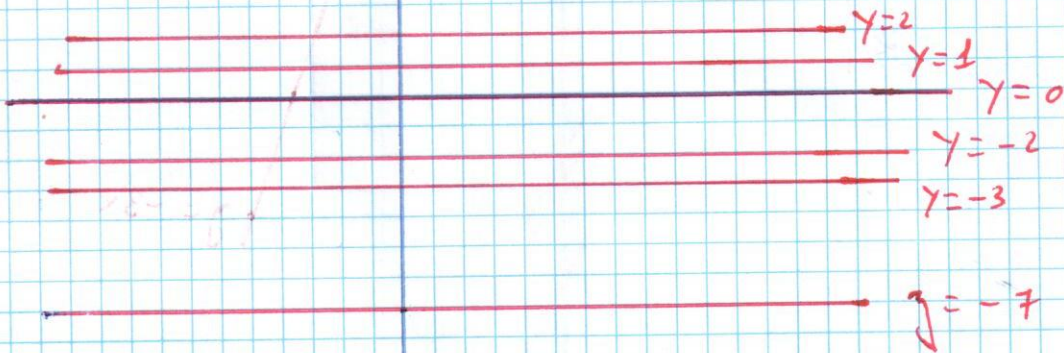


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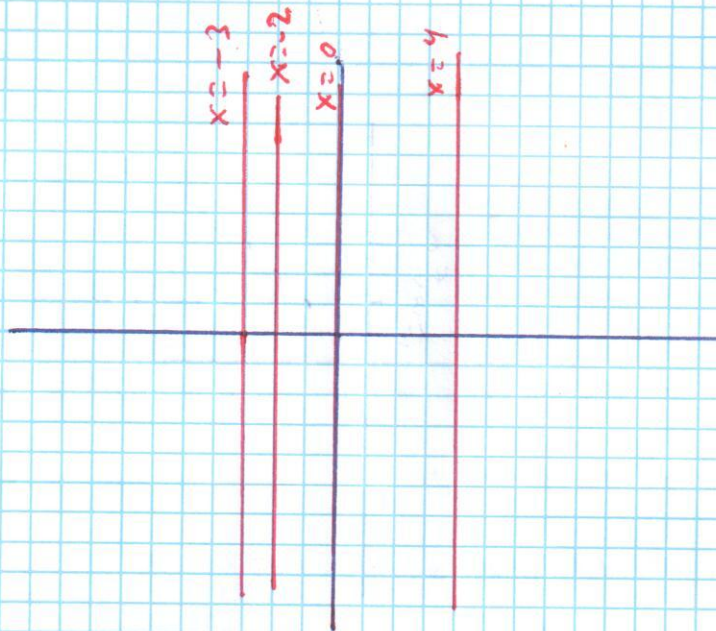
⑨

$y = -7$

070512

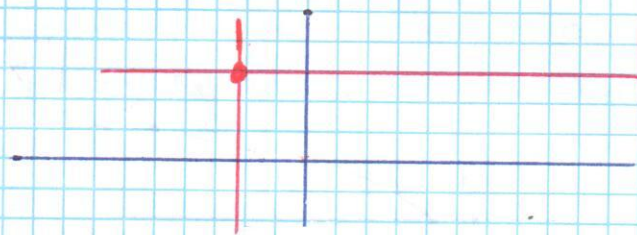


10



11

Punto de corte = $(-2, 3)$



12

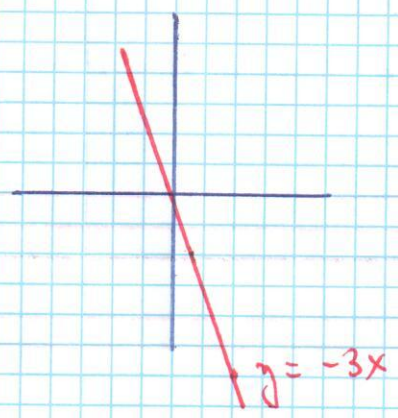
a) $y = 3$

b) $x = -1$

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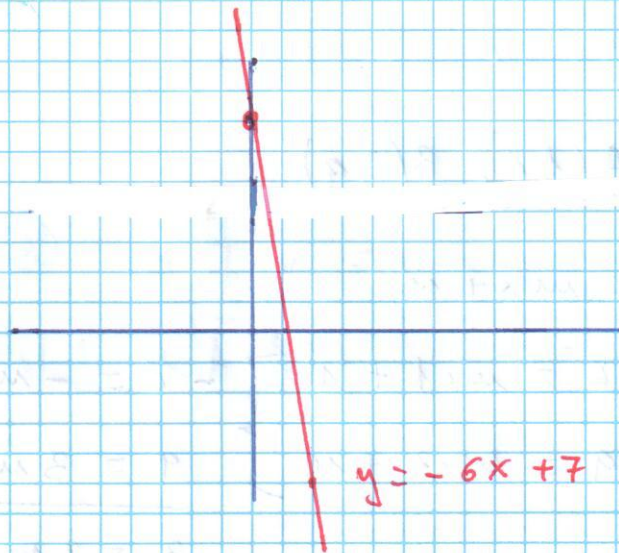
a) $y = -3x$

x	y
0	0
2	-6



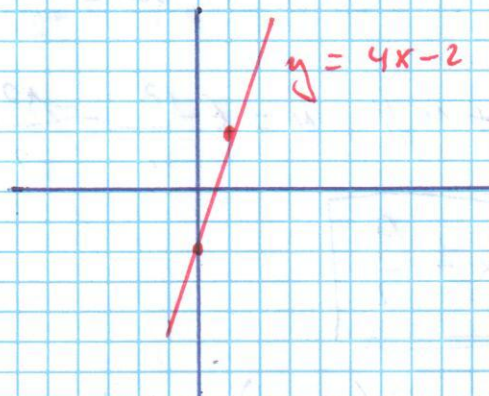
5) $y = -6x + 7$

x	y
0	7
2	-5



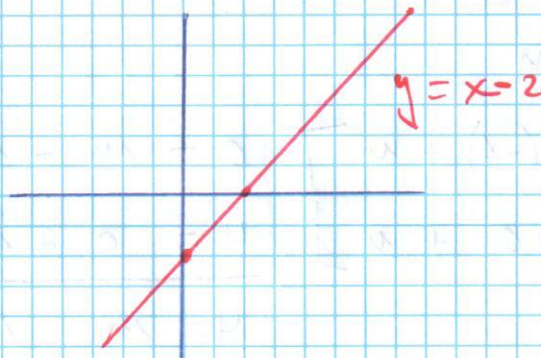
e) $y = 4x - 2$

x	y
0	-2
1	2



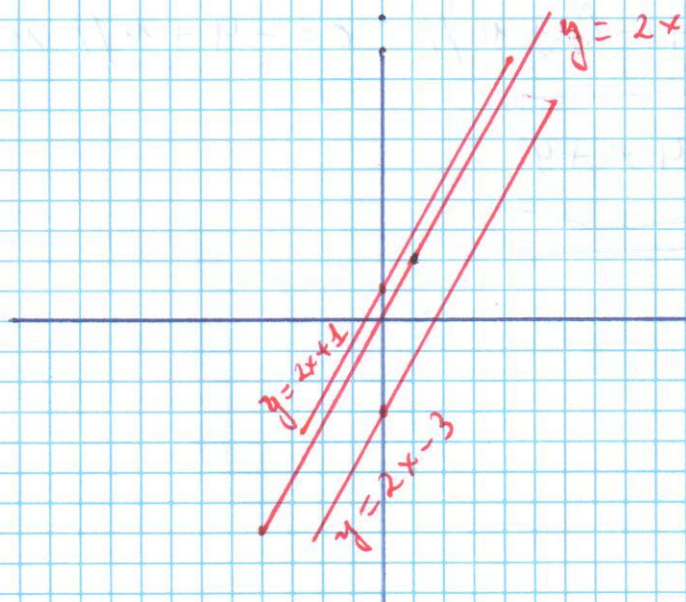
h) $y = x - 2$

x	y
0	-2
2	0



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(15) y



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(16a) $A(1,6)$ $B(3,9)$

$$y = mx + n$$

$$A \rightarrow 6 = m \cdot 1 + n \quad \left. \begin{array}{l} -6 = -m - n \\ 9 = 3m + n \\ \hline 3 = 2m \quad / \\ m = \frac{3}{2} \end{array} \right\}$$

$$B \quad 9 = m \cdot 3 + n$$

$$3 = 2m \quad /$$

$$m = \frac{3}{2}$$

$$6 = \frac{3}{2} + n \quad // \quad n = 6 - \frac{3}{2} = \frac{12}{2} - \frac{3}{2} = \frac{9}{2}$$

$$y = \frac{3}{2}x + \frac{9}{2}$$

(16b) $A(-1,0)$ $B(0,4)$

$$y = mx + n$$

$$A \rightarrow 0 = m \cdot (-1) + n \quad \left. \begin{array}{l} 0 = m - n \\ 4 = 0 + n \\ \hline 4 = m \quad / \end{array} \right\}$$

$$B \rightarrow 4 = m \cdot 0 + n$$

$$4 = m \quad /$$

$$0 = 4(-1) + n \quad // \quad 0 = -4 + n \quad // \quad n = +4$$

$$y = 4x + 4$$

16c) $A(-3, 6)$ $B(2, -4)$
 $y = mx + n$

$$\begin{array}{l} A \rightarrow 6 = m \cdot (-3) + n \\ B \rightarrow -4 = m \cdot 2 + n \end{array} \left. \vphantom{\begin{array}{l} A \\ B \end{array}} \right\} \begin{array}{l} 6 = -3m + n \\ +4 = -2m - n \\ \hline 10 = -5m \end{array}$$

$$m = \frac{10}{-5} = -2$$

$$-4 = m \cdot 2 + n \quad // \quad -4 = (-2) \cdot 2 + n \quad // \quad -4 = -4 + n$$

$$n = -4 + 4 = 0 \quad // \quad n = 0$$

$$\boxed{y = -2x}$$

16d) $A(2, 4)$ $B(3, 1)$

$$y = mx + n$$

$$\begin{array}{l} A \rightarrow 4 = m \cdot 2 + n \\ B \rightarrow 1 = m \cdot 3 + n \end{array} \left. \vphantom{\begin{array}{l} A \\ B \end{array}} \right\} \begin{array}{l} 4 = 2m + n \\ -1 = -3m - n \\ \hline 3 = -m \end{array}$$

$$m = -3$$

$$1 = m \cdot 3 + n \quad // \quad 1 = (-3) \cdot 3 + n \quad // \quad 1 = -9 + n \quad // \quad n = 1 + 9 = 10$$

$$n = 10$$

$$\boxed{y = -3x + 10}$$

16e) $A(-1, -2)$ $B(2, 5)$

$$y = mx + n$$

$$\begin{array}{l} A \rightarrow -2 = m \cdot (-1) + n \\ B \rightarrow 5 = m \cdot (2) + n \end{array} \left. \vphantom{\begin{array}{l} A \\ B \end{array}} \right\} \begin{array}{l} 2 = m - n \\ 5 = 2m + n \\ \hline 7 = 3m \quad / \\ m = \frac{7}{3} \end{array}$$

$$5 = m \cdot (2) + n // 5 = 2m + n // 5 = 2 \cdot \frac{7}{3} + n$$

$$5 = \frac{14}{3} + n // n = 5 - \frac{14}{3} = \frac{15}{3} - \frac{14}{3} = \frac{1}{3} // n = \frac{1}{3}$$

$$\boxed{y = \frac{7}{3}x + \frac{1}{3}}$$

17) Ninguna pasa por el punto $(1, 1)$, porque sustituyendo x por 1 , en ninguna tenemos $y = 1$

todas son funciones afines, menos la c) que es lineal.

18) $A(4, 1)$ $B(0, -2)$

$$y = mx + n$$

$$\begin{array}{l} A \rightarrow 1 = m \cdot 4 + n \\ B \rightarrow -2 = m \cdot 0 + n \end{array} \left. \vphantom{\begin{array}{l} A \\ B \end{array}} \right\} \begin{array}{l} 1 = 4m + n \\ 2 = 0m - n \\ \hline 3 = 4m \quad / \\ m = \frac{3}{4} \end{array}$$

$$1 = \frac{3}{4} \cdot 4 + n //$$

$$1 = \frac{12}{4} + n // 1 = 3 + n // n = 1 - 3 = -2 //$$

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