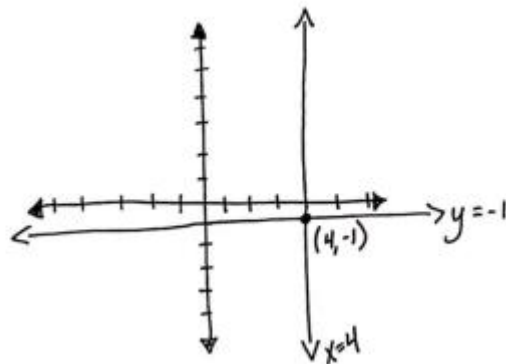


Student 1

$$(4, -1) \quad \begin{cases} x=4 \\ y=-1 \end{cases}$$

the graph of my two



$$(4, -1) \quad \begin{cases} x=4 \\ y=-1 \end{cases}$$

I used the x-value of the ordered pair to say $x=4$. I used the y-value of the ordered pair to say $y=-1$. The two lines intersect at $(4, -1)$

Student 2

#2 $(-4, 3)$ $(6, -2)$

$$m = \frac{3 - (-2)}{-4 - (6)} = \frac{5}{-10} = -\frac{1}{2}$$

$$y = mx + b$$

$$3 = \frac{1}{2}(-4) + b$$

$$3 = -2 + b$$

$$5 = b$$

$$y = \frac{1}{2}x + 5$$

$$\begin{cases} y = \frac{1}{2}x + 5 \\ y = -2x + 10 \end{cases}$$

$$y = mx + b$$

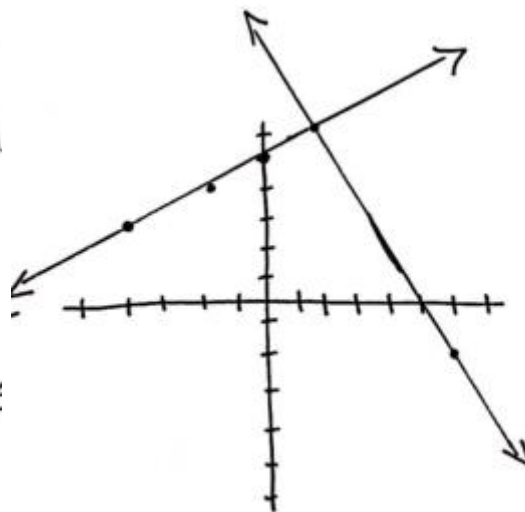
$$-2 = -2(6) + b$$

$$-2 = -12 + b$$

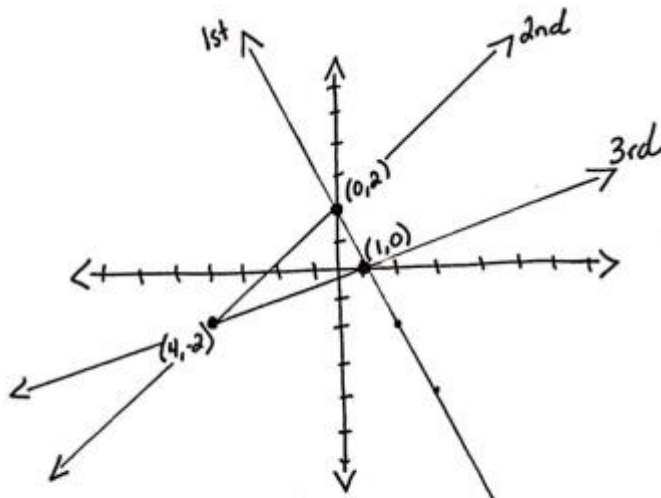
$$10 = b$$

$$y = -2x + 10$$

The equations pass through the points, so they are solutions.



Student 3



I just made a graph that satisfied the conditions. The 1st + 2nd line have a solution at $(0, 2)$. The 2nd and 3rd line have a solution at $(4, -2)$. The 1st and 3rd lines have a solution at $(1, 0)$. The solutions for this system are $\{(4, -2), (1, 0), (0, 2)\}$.
