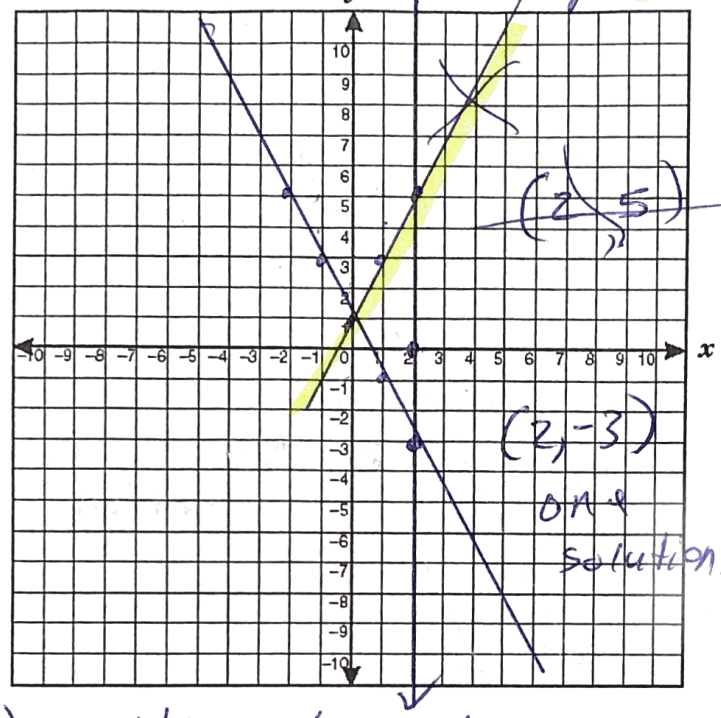
AII $x=2$ Name $2x+y=1$ $-2x \quad -2x$ 6) $y=\frac{1}{2}x$ 8) $y=-x+3$ Date

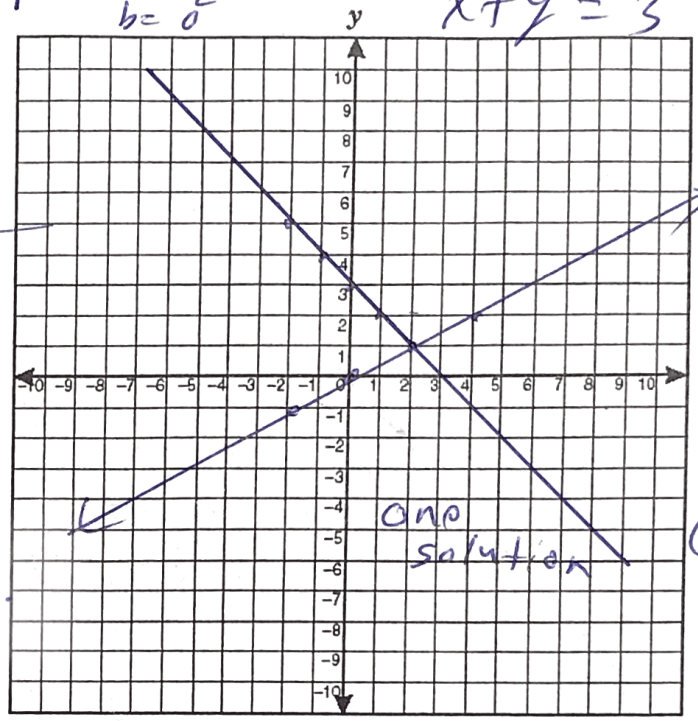
5)

$m=-2$ $b=1$ $x=2$ $y=-2x+1$



one solution

$m=\frac{1}{2}$ $b=0$ $x+y=3$



7) $2x+y=6$ $-2x \quad -2x$

$y=-2x+6$

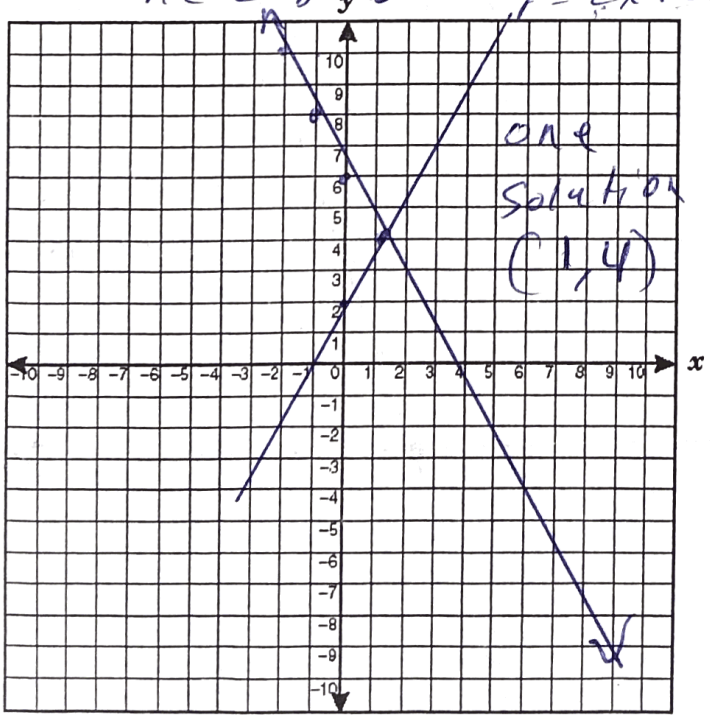
$m=-2$ $b=6$

$2x-y=-2$ $-2x \quad -2x$

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

$y=2x+2$

$m=2$ $b=2$



8) $3x+2y=6$ $-3x \quad -3x$

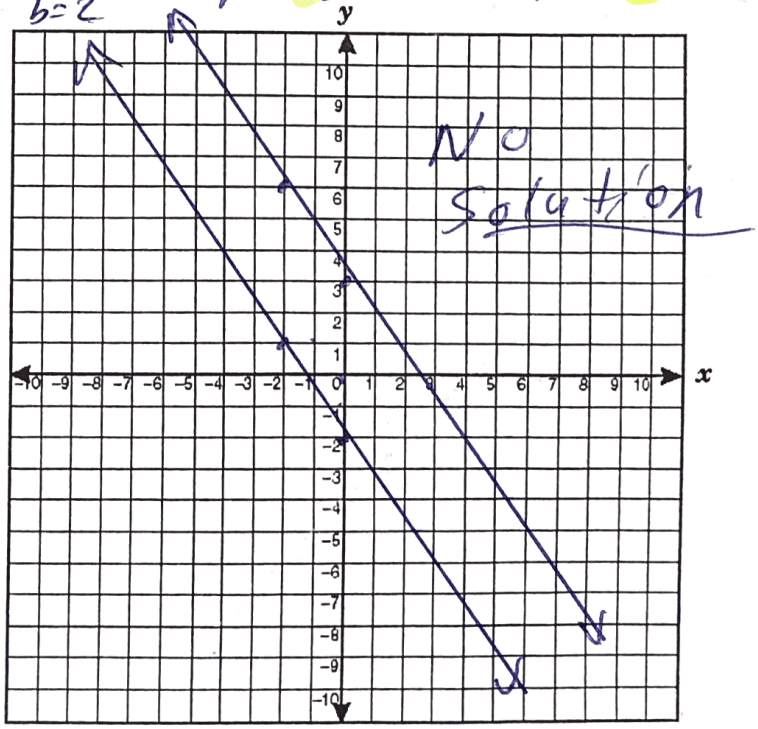
$\frac{2y}{2}=\frac{-3x+6}{2}$

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

$3x+2y=-4$ $-3x \quad -3x$

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

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



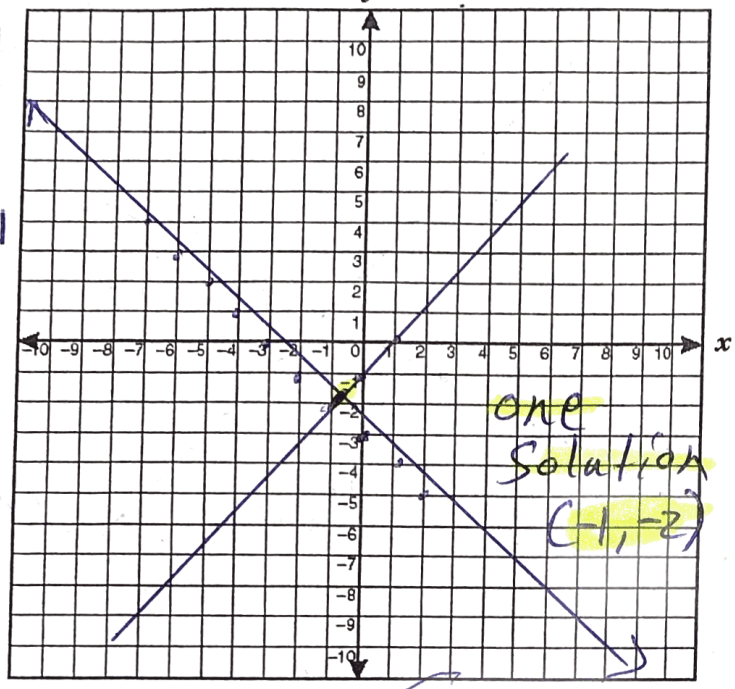
AII Name Graphing systems of equations Date

$y = -x - 3$ $y = x - 1$ $y = 2x + 3$ $y = 2x - 3$

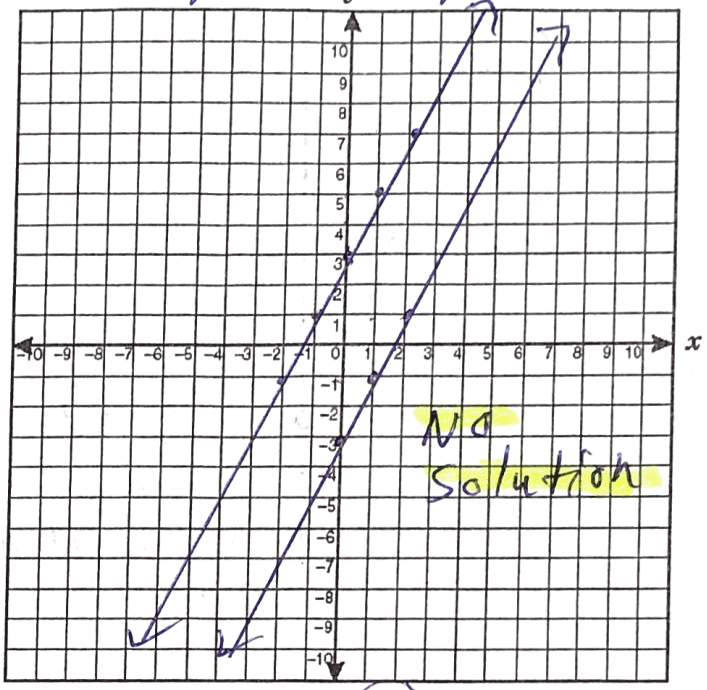
$m = 2$ $b = 3$ $m = 2$ $b = -3$

$m = -1$ $b = -3$

$m = 1$ $b = -1$



one Solution (-1, -2)



No Solution

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

$-2x \quad -2x$

$\frac{2y}{2} = \frac{-2x - 6}{2}$

$y = -x - 3$

$y = -x - 3$

$m = -1$ Infinitely many solutions.

$b = -3$

4) $y = -2$ $3x - y = -1$

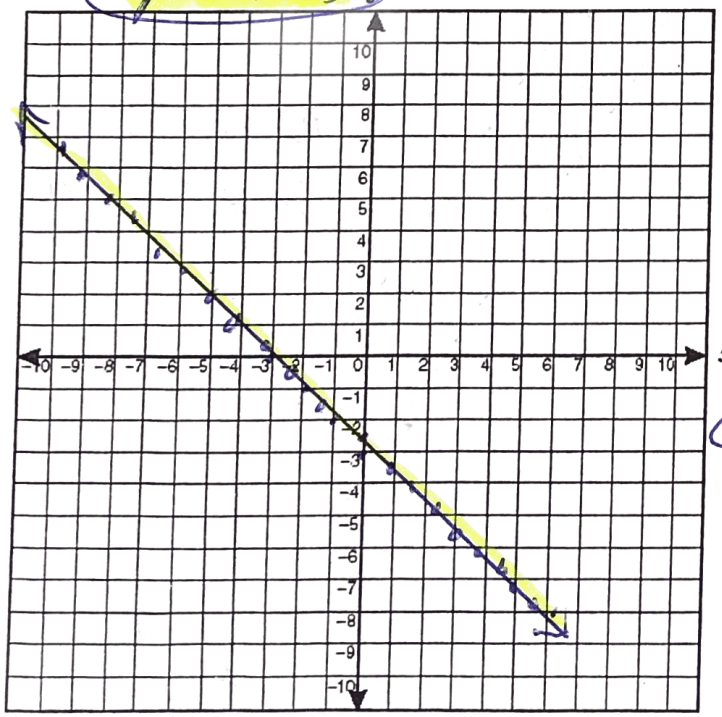
$-3x \quad -3x$

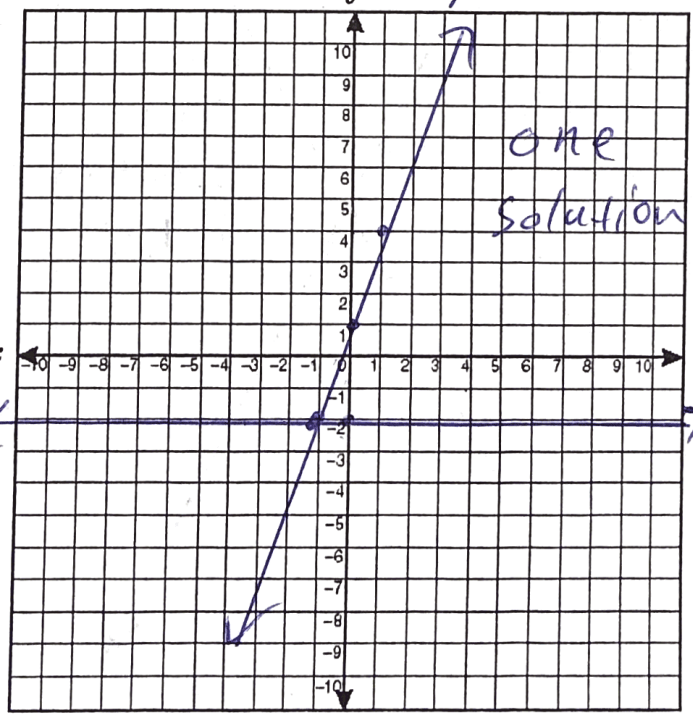
$\frac{-y}{-1} = \frac{-3x - 1}{-1}$

$y = 3x + 1$

$m = 3$

$b = 1$





one Solution (-1, -2)