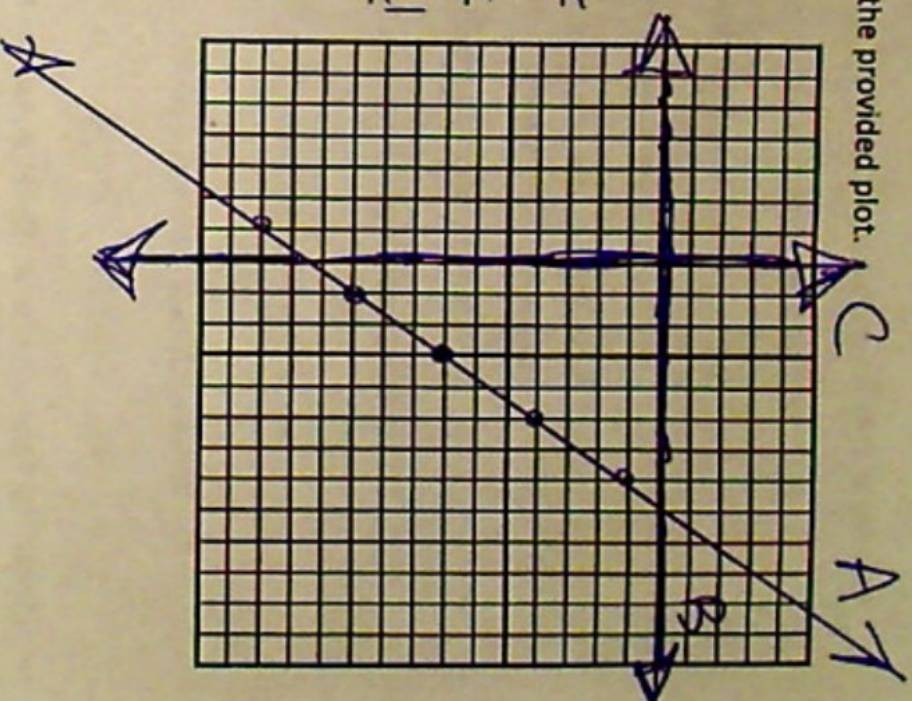


14) Fill out the following information, then graph and label the lines on the provided plot.

	Line A	Line B	Line C
Slope:	$y = \frac{3}{2}x - 2$	$y = 5$	$x = -3$
Y-intercept:	$\frac{3}{2}$	0	none
Horizontal/Vertical?	-2	5	none
	N/A	horizontal	vertical



15) Solve the system of equations

$$-5(x - 3y = 6)$$

$$5x + 6y = -12$$

$$-5x + 15y = -30$$

$$21y = -42$$

$$y = -2$$

$$x = 0$$

$$x - 3(-2) = 6$$

$$x + 6 = 6$$

16) Fill in the following table

x	-3	-2	-1	0	1	2	3
f(x)	2	1	0	-1	-2	3	-3
g(x)	-2	-1	-4	-2	-1	2	-3
(f+g)(x)	0	0	-4	-3	-3	5	-6
f(x)*g(x)	-4	-1	0	2	2	6	9
2f(x)-3	1	-1	-3	-5	-7	3	-9
g(f(x))	2	-1	-2	-4	-1	-3	-2
g(x-1)	none	-2	-1	-4	-2	-1	2

17) Solve the quadratic equation

$$x - 6 = x^2 - 3x - 27$$

$$x^2 - 4x - 21 = 0$$

$$(x - 7)(x + 3) = 0$$

$$x = 7 \quad x = -3$$