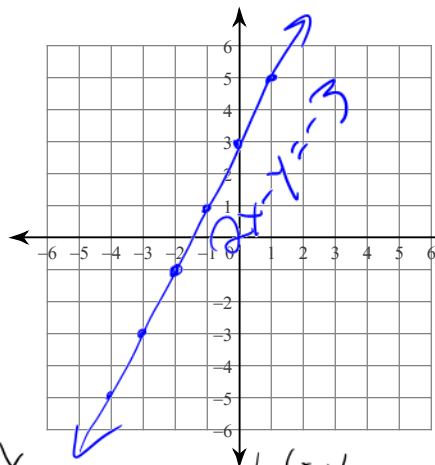


Table of Values & Graphing Practice #1

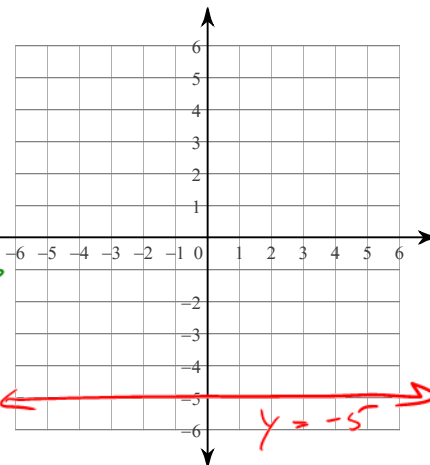
Date _____

Make a table of values

$$1) \quad 2x - y = -3$$



$$2) \quad y = -5$$



$$-y = \frac{-3 - 2x}{-1}$$

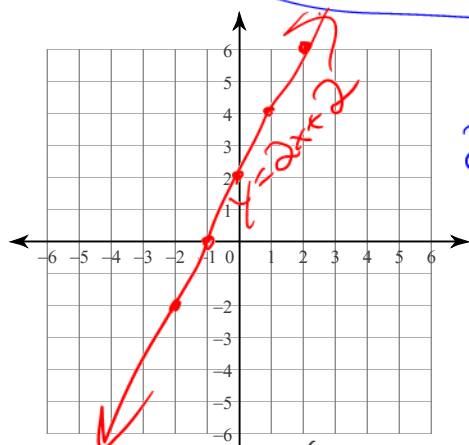
$$y = 3 + 2x$$

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

$$2x + 3 = y$$

x	y	(x, y)
-2	$2(-2) + 3 = -1$	$(-2, -1)$
-1	$2(-1) + 3 = 1$	$(-1, 1)$
0	$2(0) + 3 = 3$	$(0, 3)$
1	$2(1) + 3 = 5$	$(1, 5)$
2	$2(2) + 3 = 7$	$(2, 7)$

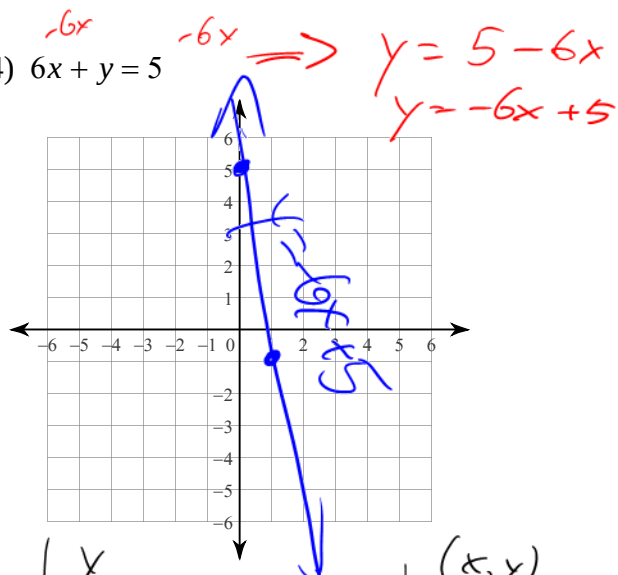
$$3) \quad 2x - y = -2$$



$$2x + 2 = y$$

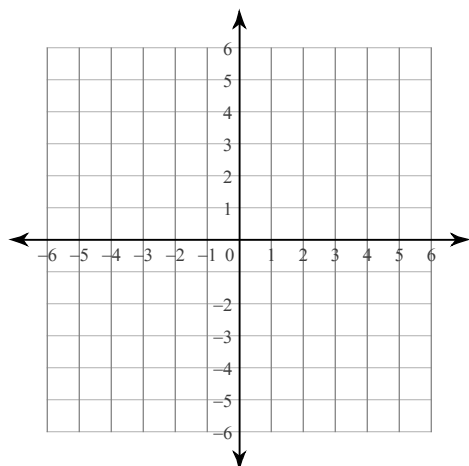
x	y	(x, y)
-2	$2(-2) + 2 = -2$	$(-2, -2)$
-1	$2(-1) + 2 = 0$	$(-1, 0)$
0	$2(0) + 2 = 2$	$(0, 2)$
1	$2(1) + 2 = 4$	$(1, 4)$
2	$2(2) + 2 = 6$	$(2, 6)$

$$4) \quad 6x + y = 5$$

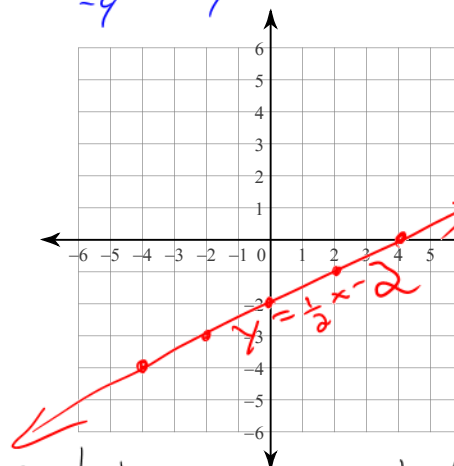


x	y	(x, y)
-2	$-6(-2) + 5 = 17$	$(-2, 17)$
-1	$-6(-1) + 5 = 11$	$(-1, 11)$
0	$-6(0) + 5 = 5$	$(0, 5)$
1	$-6(1) + 5 = -1$	$(1, -1)$
2	$-6(2) + 5 = -7$	$(2, -7)$

5) $x + y = -4$



6) $x - 2y = 4$

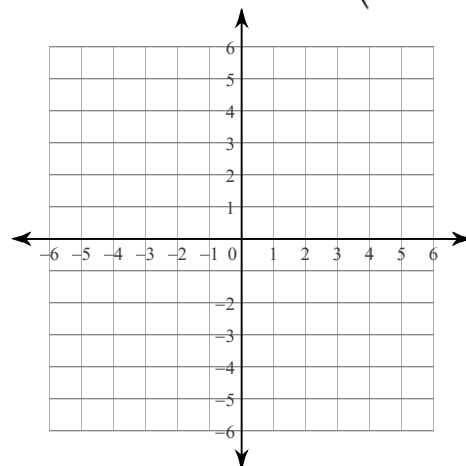
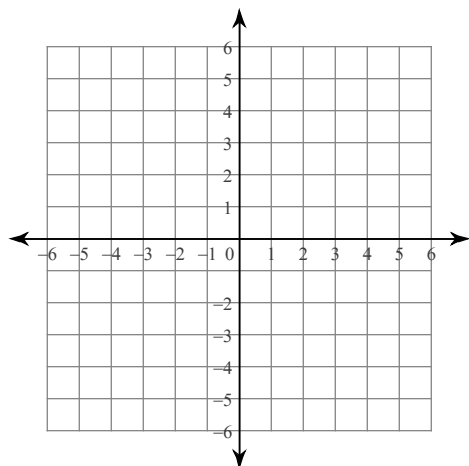


$$\frac{1}{2}x - 2 = y$$

x	y	(x, y)
-4	$\frac{1}{2}(-4) - 2 = -4$	$(-4, -4)$
-2	$\frac{1}{2}(-2) - 2 = -3$	$(-2, -3)$
0	$\frac{1}{2}(0) - 2 = -2$	$(0, -2)$
2	$\frac{1}{2}(2) - 2 = -1$	$(2, -1)$
4	$\frac{1}{2}(4) - 2 = 0$	$(4, 0)$

8) $2x - y = 1$

7) $x - y = 1$



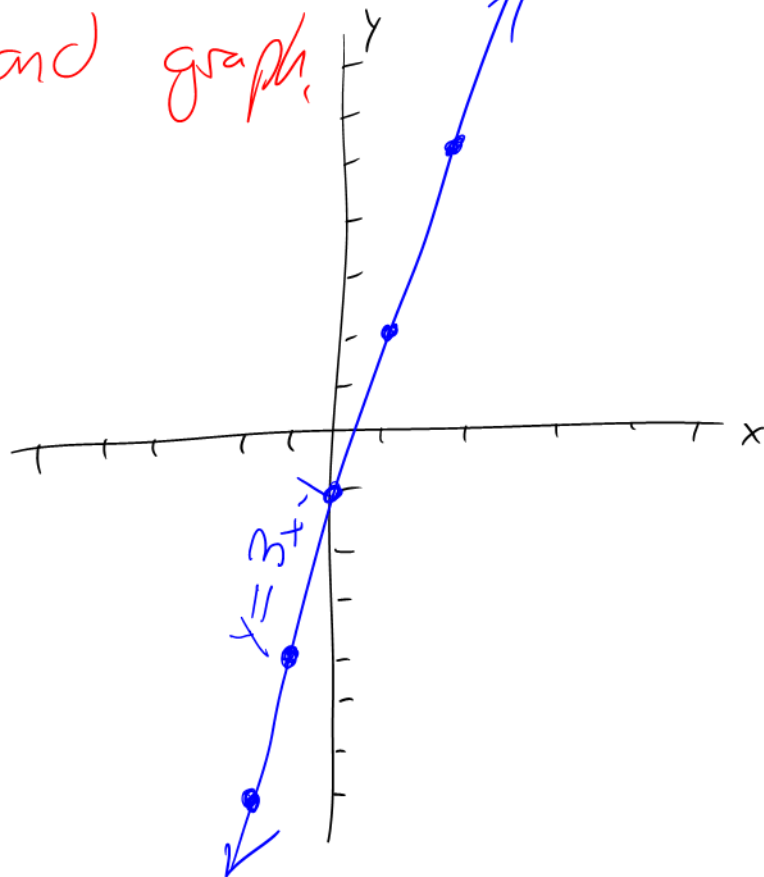
Homework: 8.7 12, 15, 16, 17, 18
5, 7, 8 of handout.

Classwork Question:

$$y = 3x - 1$$

Create a table of values and graph.

x	y	(x,y)
-2	$3(-2) - 1 = -7$	$(-2, -7)$
-1	$3(-1) - 1 = -4$	$(-1, -4)$
0	$3(0) - 1 = -1$	$(0, -1)$
1	$3(1) - 1 = 2$	$(1, 2)$
2	$3(2) - 1 = 5$	$(2, 5)$



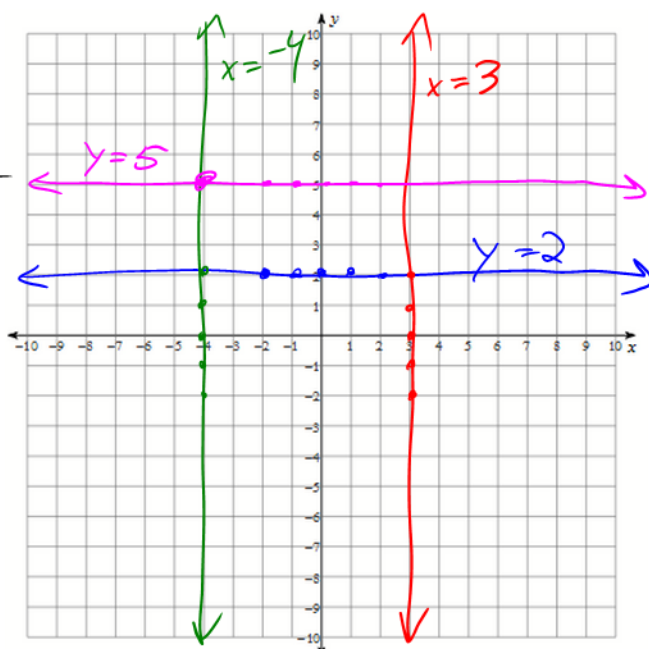
8.7 Intersecting Lines pg 441

13. $x = 3$

$y = 2$

x	y	(x,y)
3	-2	$(3, -2)$
3	-1	$(3, -1)$
3	0	$(3, 0)$
3	1	$(3, 1)$
3	2	$(3, 2)$

x	y	(x,y)
-2	2	$(-2, 2)$
-1	2	$(-1, 2)$
0	2	$(0, 2)$
1	2	$(1, 2)$
2	2	$(2, 2)$



Vertical Line.

Horizontal Line.

$\therefore$ PoI is $(3, 2)$

14. $x = -4$ $y = 5$

$\therefore$ PoI is $(-4, 5)$