Graphing Linear Equations

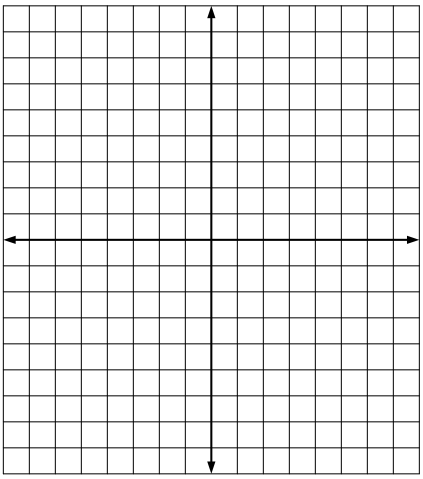
Name: _____ **Date:** _____

Complete the function table and graph the line for each equation.

(1)

$y = -4x + 3$

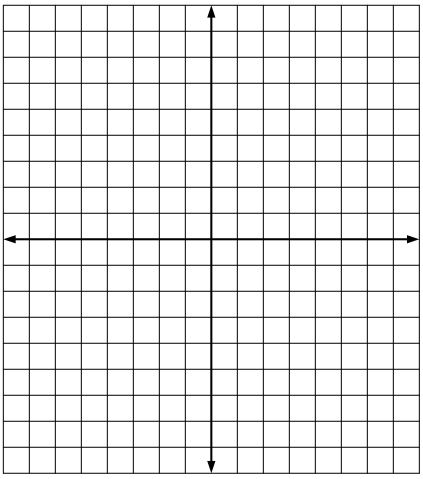
x	y
-1	
0	
1	
2	



(2)

$y = \frac{1}{4}x + 3$

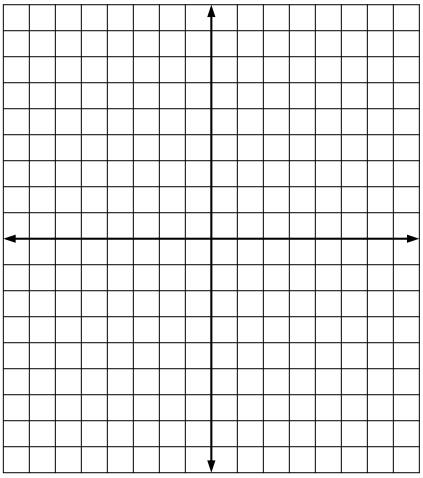
x	y
-2	
5	
6	
7	



(3)

$y = \frac{1}{3}x - 5$

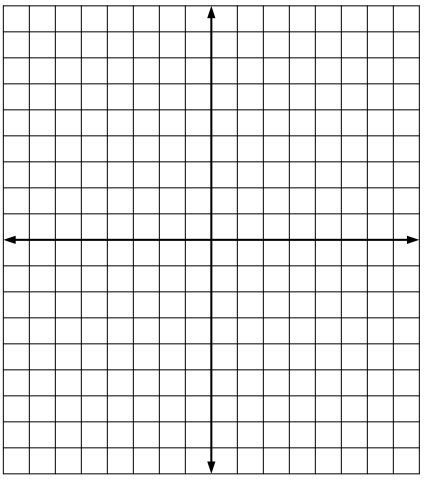
x	y
-4	
-2	
3	
5	



(4)

$y = -2x + 1$

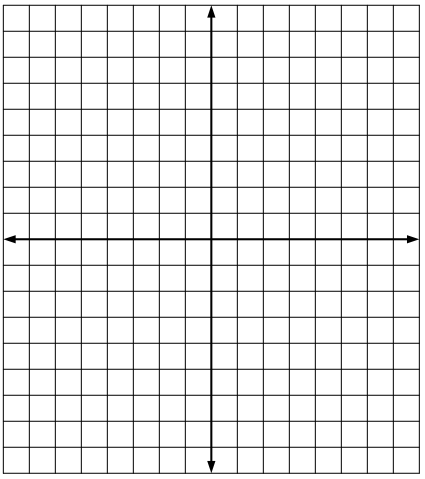
x	y
-3	
0	
1	
4	



(5)

$y = -3x + 5$

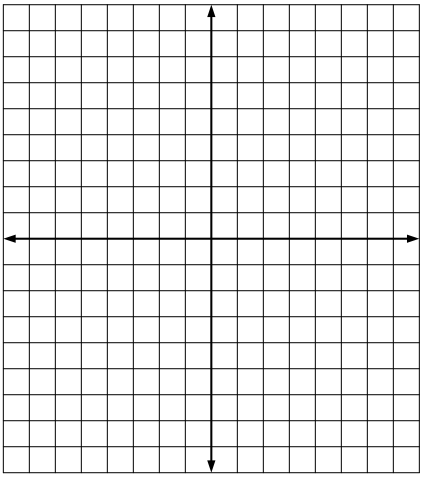
x	y
1	
2	
3	
4	



(6)

$y = -2x + 6$

x	y
0	
1	
3	
5	



Graphing Linear Equations

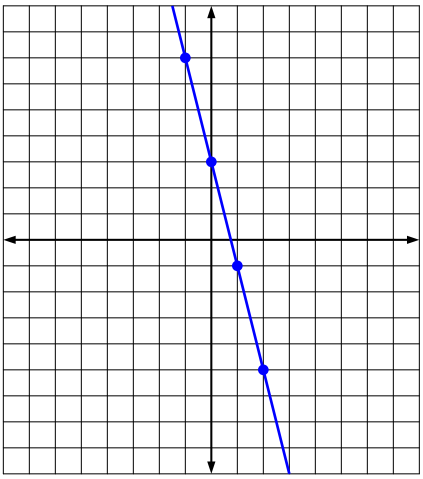
A N S W E R K E Y

Complete the function table and graph the line for each equation.

(1)

$y = -4x + 3$

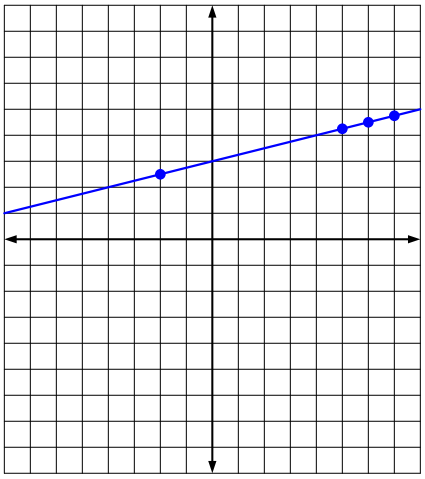
x	y
-1	7
0	3
1	-1
2	-5



(2)

$y = \frac{1}{4}x + 3$

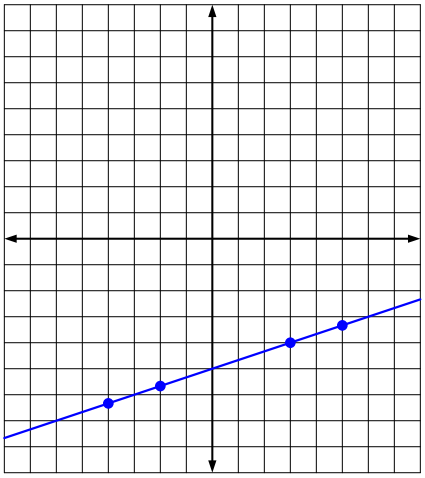
x	y
-2	$2\frac{1}{2}$
5	$4\frac{1}{4}$
6	$4\frac{1}{2}$
7	$4\frac{3}{4}$



(3)

$y = \frac{1}{3}x - 5$

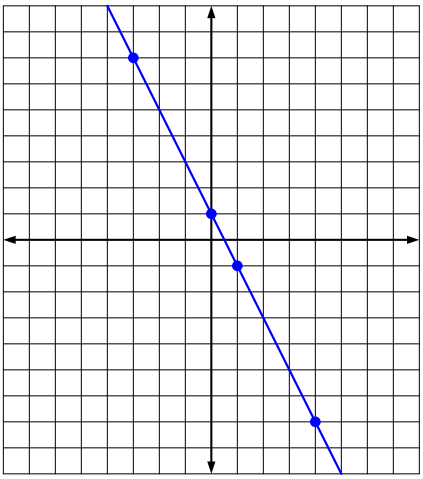
x	y
-4	$-6\frac{1}{3}$
-2	$-5\frac{2}{3}$
3	-4
5	$-3\frac{1}{3}$



(4)

$y = -2x + 1$

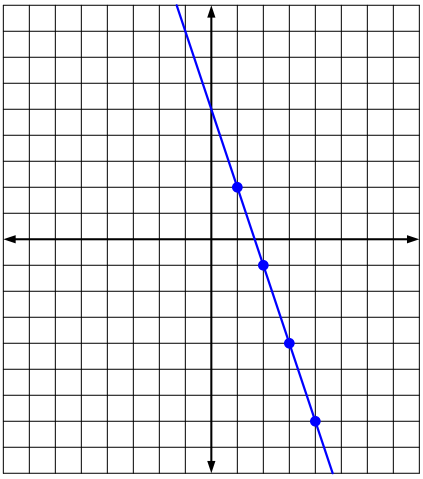
x	y
-3	7
0	1
1	-1
4	-7



(5)

$y = -3x + 5$

x	y
1	2
2	-1
3	-4
4	-7



(6)

$y = -2x + 6$

x	y
0	6
1	4
3	0
5	-4