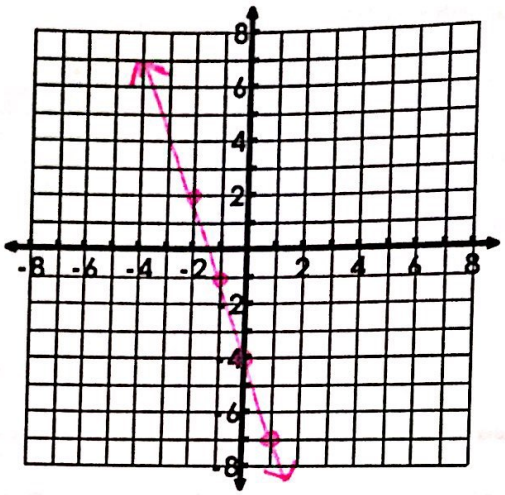
Day 3 – Graphing Functions – Practice

Graph the linear equation using a table of values. Use – 2, - 1, 0, 1, 2 as your input values.

1.) $g(x) = -3x - 4$

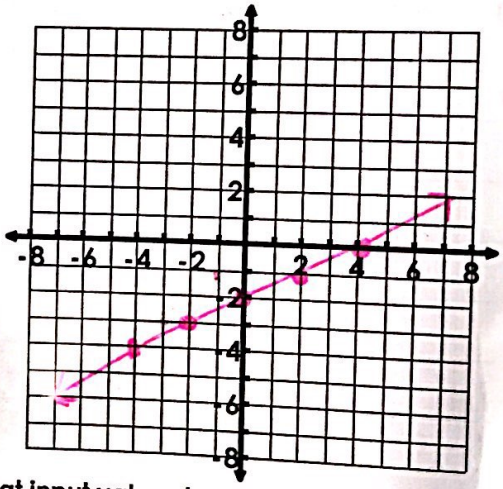
Input	g(x) = -3x – 4	Output
-2	$g(-2) = -3(-2) - 4$	2
-1	$g(-1) = -3(-1) - 4$	-1
0	$g(0) = -3(0) - 4$	-4
1	$g(1) = -3(1) - 4$	-7
2	$g(2) = -3(2) - 4$	-10



Graph the linear equation using a table of values. Use -4, -2, 0, 2, 4 as your input values.

2.) $h(x) = \frac{1}{2}x - 2$

Input	h(x) = ½x – 2	Output
-4	$h(-4) = \frac{1}{2}(-4) - 2$	-4
-2	$h(-2) = \frac{1}{2}(-2) - 2$	-3
0	$h(0) = \frac{1}{2}(0) - 2$	-2
2	$h(2) = \frac{1}{2}(2) - 2$	-1
4	$h(4) = \frac{1}{2}(4) - 2$	0



Graph the linear equation using a table of values. You decide what input values to use.

3.) $f(x) = 2x + 3$

Input	f(x) = 2x + 3	Output
-2	$f(-2) = 2(-2) + 3$	-1
-1	$f(-1) = 2(-1) + 3$	1
0	$f(0) = 2(0) + 3$	3
1	$f(1) = 2(1) + 3$	5
2	$f(2) = 2(2) + 3$	7