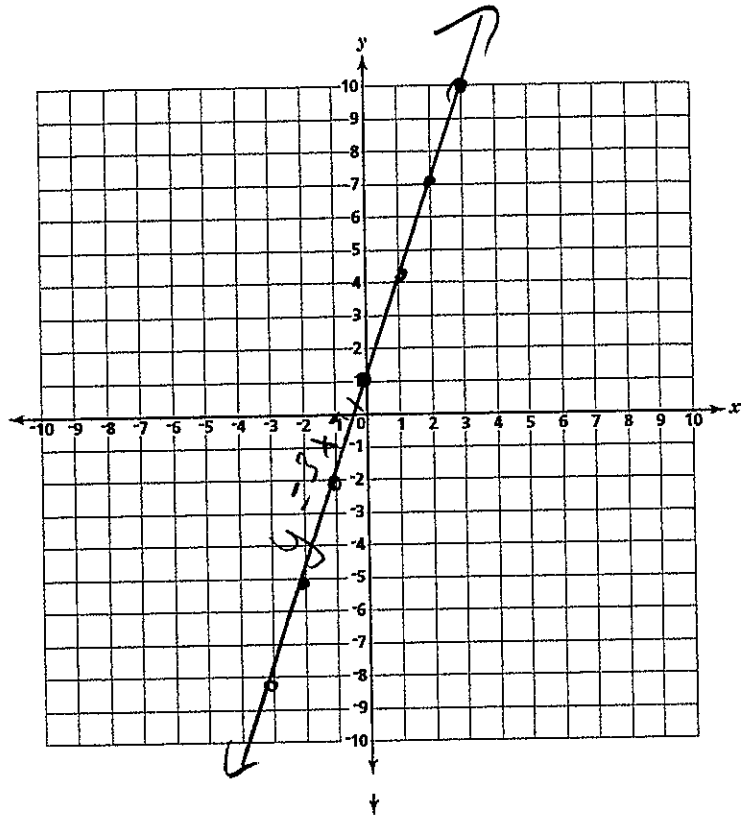


Homework #51

Use the table method to graph the following equations

1) $y = 3x + 1$

Input ↑ x	$y = 3x + 1$	output ↑ y	(x, y)
-3	$y = 3(-3) + 1$	-8	(-3, -8)
-2	$y = 3(-2) + 1$	-5	(-2, -5)
-1	$y = 3(-1) + 1$	-2	(-1, -2)
0	$y = 3(0) + 1$	1	(0, 1)
1	$y = 3(1) + 1$	4	(1, 4)
2	$y = 3(2) + 1$	7	(2, 7)
3	$y = 3(3) + 1$	10	(3, 10)



2) $y = -2x - 2$

Input ↑ x	$y = -2x - 2$	output ↑ y	(x, y)
-3	$y = -2(-3) - 2$	4	(-3, 4)
-2	$y = -2(-2) - 2$	2	(-2, 2)
-1	$y = -2(-1) - 2$	0	(-1, 0)
0	$y = -2(0) - 2$	-2	(0, -2)
1	$y = -2(1) - 2$	-4	(1, -4)
2	$y = -2(2) - 2$	-6	(2, -6)
3	$y = -2(3) - 2$	-8	(3, -8)

