Coordinate Algebra Graphing Notes

Name: _____

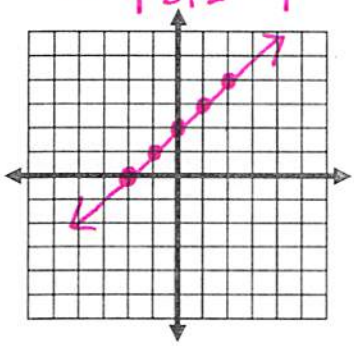
Date: _____

Graph the following. Make a table of values for each graph.

1) $y = x + 2$

x	y
-2	-2+2 = 0
-1	-1+2 = 1
0	0+2 = 2
1	1+2 = 3
2	2+2 = 4

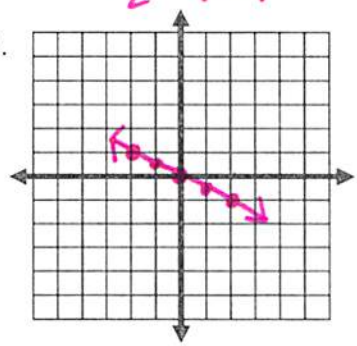
1.



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

x	y
-2	1
-1	½ or .5
0	0
1	-½ or -.5
2	-1

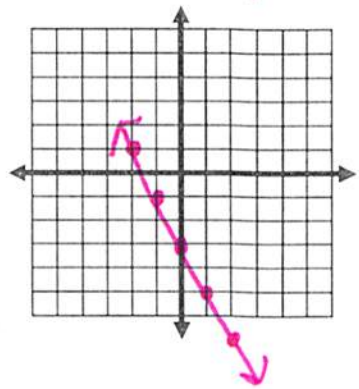
2.



3) $y = -2x - 3$

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

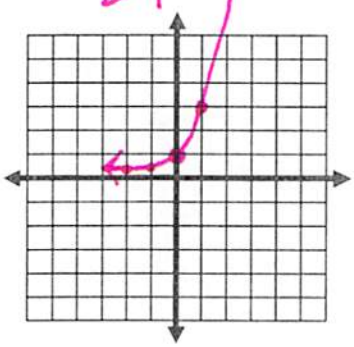
3.



4) $y = 3^x$

x	y
-2	1/9 or .11
-1	⅓ or .33
0	1
1	3
2	9

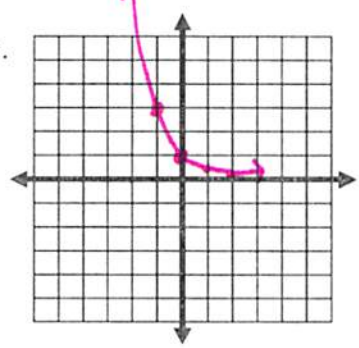
4.



5) $y = (1/3)^x$

x	y
-2	9
-1	3
0	1
1	.33 or ⅓
2	.11 or 1/9

5.



6) $y = -x - 5$

x	y
-2	-3
-1	-4
0	-5
1	-6
2	-7

6.