

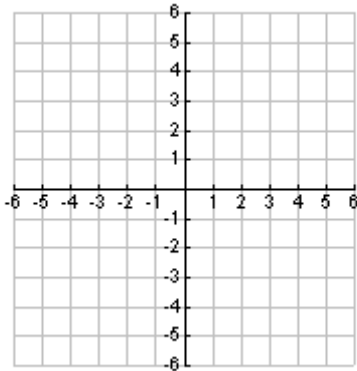
8.1 Graphing in the Coordinate Plane

Name: _____ Date: _____ Hr: _____

Graph the following tables of values in the coordinate plane.

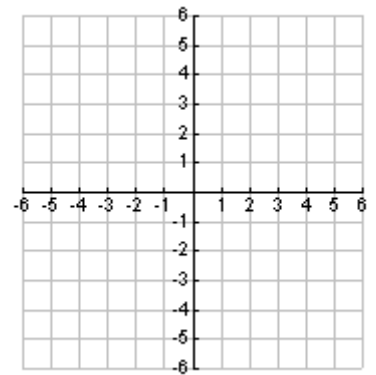
1.

x	y
-4	-5
-3	-3
-2	-1
-1	1
0	3
1	5
2	7
3	9



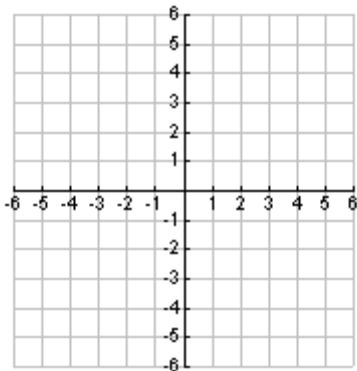
2.

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



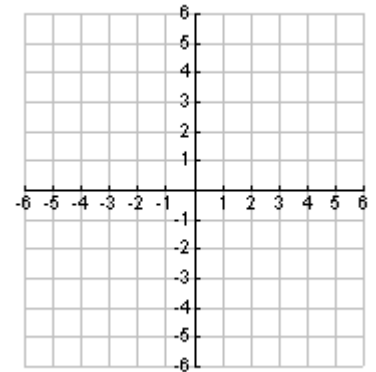
3.

x	y
0	4
1	1
2	0
3	1
4	4



4.

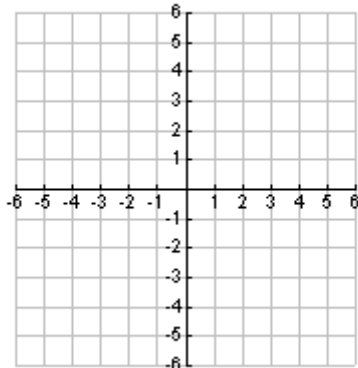
x	y
-3	-6
-2	-3
-1	-2
0	-3
1	-6



Complete the table of values for the following equations, then graph the values in the coordinate plane.

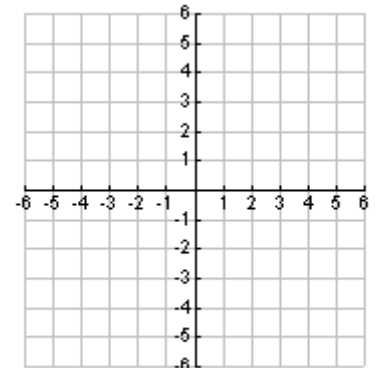
5. $y = 2x - 4$

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



6. $y = -3x + 2$

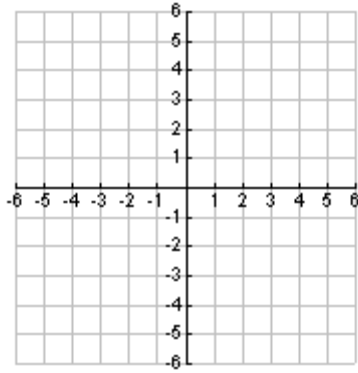
x	y
-3	
-2	
-1	
0	
1	
2	
3	
4	



Make a table of values for the following equations, then graph the values in the coordinate plane.

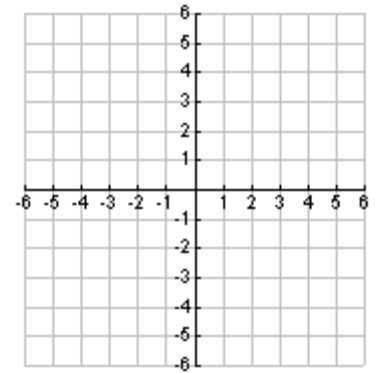
7. $y = -x^2$

x	y



8. $3x - 4y = 12$

x	y



9. In your own words, explain how tables, equations and graphs are related to one another.

10. Make up your own equation, make a table of values, and then sketch the graph.

Equation: _____

x	y

