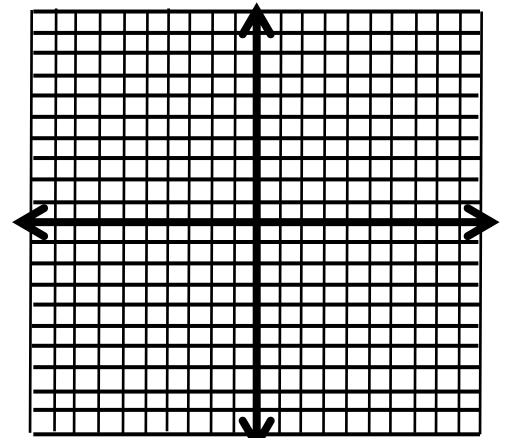


Worksheet #1 Lesson 2.1

Graph each function using the table.

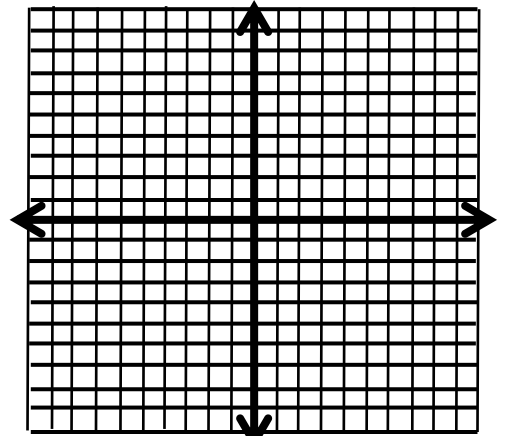
1. $f(x) = 2x^2 - 4x + 3$

x	$f(x) = 2x^2 - 4x + 3$	(x, f(x))
-1		
0		
1		
2		
3		



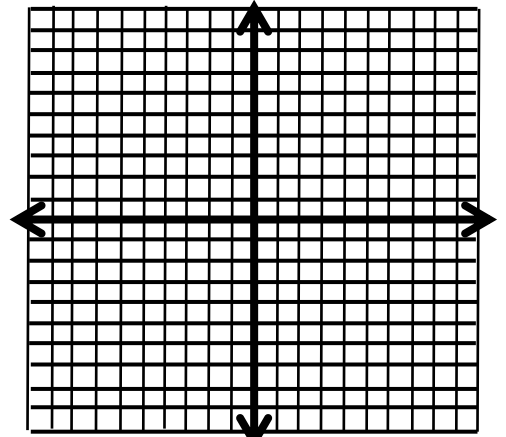
2. $f(x) = -x^2 + 8x - 12$

x	$f(x) = -x^2 + 8x - 12$	(x, f(x))
2		
3		
4		
5		
6		



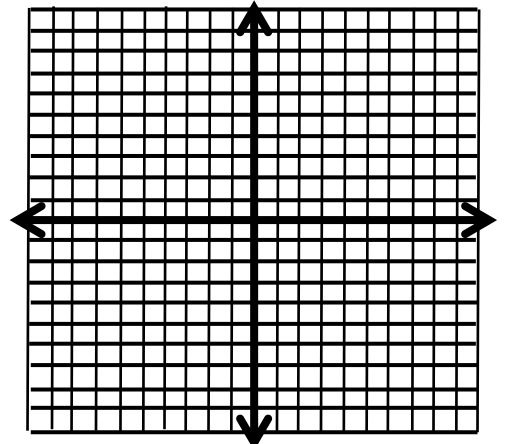
3. $f(x) = -2x^2 - 8x - 5$

x	$f(x) = -2x^2 - 8x - 5$	(x, f(x))
-4		
-3		
-2		
-1		
0		



4. $f(x) = 2x^2 - 12x + 17$

x	$f(x) = 2x^2 - 12x + 17$	(x, f(x))
1		
2		
3		
4		
5		



Identify all of the transformations.

5. $g(x) = (x - 7)^2 + 1$

6. $g(x) = -(x + 1)^2$

7. $g(x) = x^2 + 5$

8. $g(x) = (x + 8)^2 - 2$