

Algebra 1 Bellwork Thursday, January 16, 2014

1. Given  $g(r) = -r^2 - 3r$

a) Find  $g(5)$

b) Find  $g(-2)$

2. Does this relation represent a function?

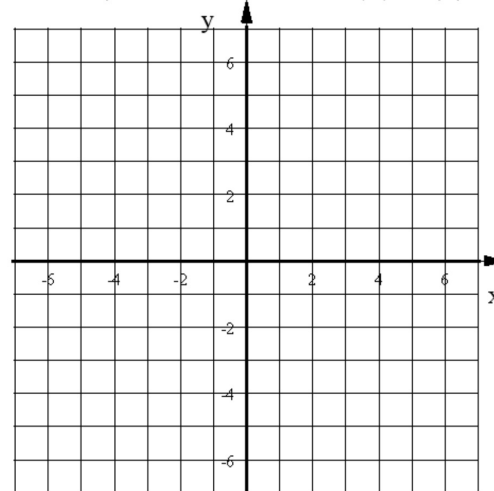
$(7,13), (-7,8), (4,3), (9,8), (2,3)$

3. State the domain and range of the relation from Prob. 2

Domain:

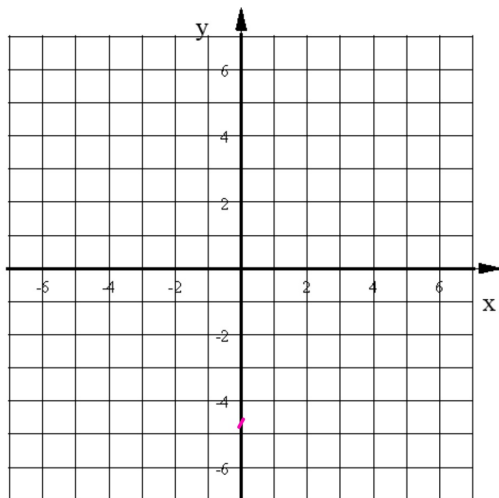
Range:

4. Graph this function:  $f(x) = 3|x| - 4$



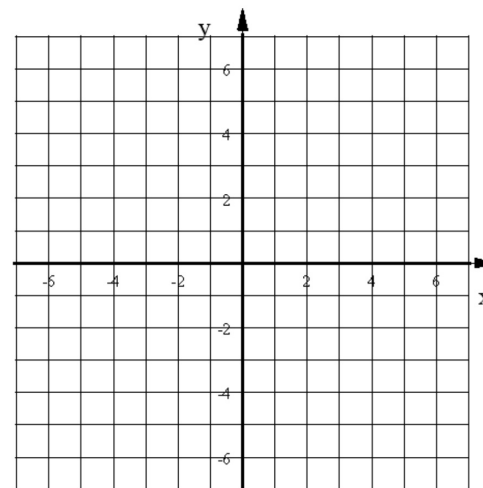
x	y
-2	
-1	
0	
1	
2	

5. Graph this function:  $y = 2x - 5$



X	Y
-2	
-1	
0	
1	
2	

6. Graph this function:  $y = 2x^2 - 3$



X	Y
-2	
-1	
0	
1	
2	