

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Per: \_\_\_\_\_

### Absolute Value – Practice

Complete the table of values for each absolute value function for problems 1 and 2. Show your calculation in the middle column.

1.  $f(x) = \left| \frac{1}{2}x + 2 \right| - 2$

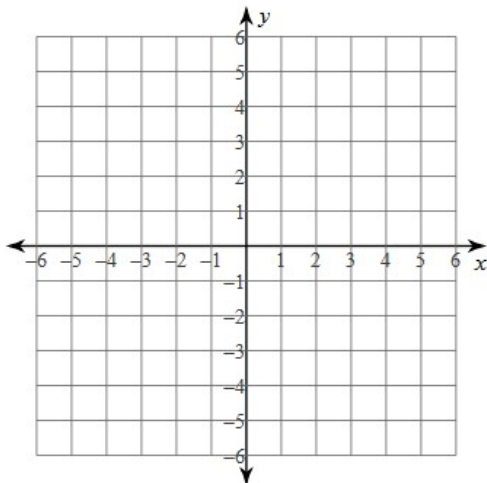
x	Calculation	f(x)
-4		
-2		
0		
1		
2		
3		

2.  $g(x) = -2|x + 3|$

x	Calculation	f(x)
-8		
-7		
-6		
6		
7		
8		

Graph the following absolute value functions for problems 3 and 4. Show your work by creating a table of values for **AT LEAST FIVE POINTS**.

3)  $y = |x| - 1$



4)  $y = -|x - 4| - 3$

