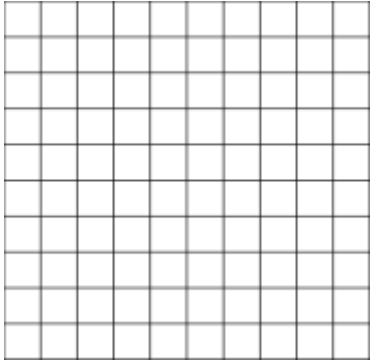


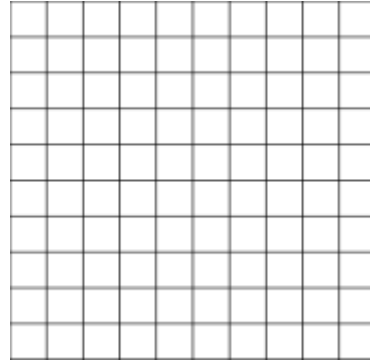
# Graphing Absolute Value Functions Assignment

Graph each equation by translating the function  $y = |x|$ .

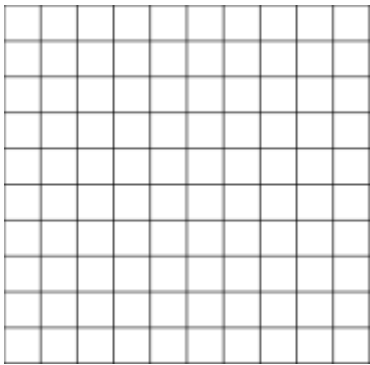
1.  $y = |x| - 1$



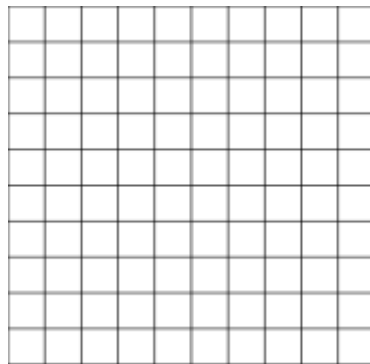
2.  $y = |x| + 2$



3.  $y = |x - 2|$

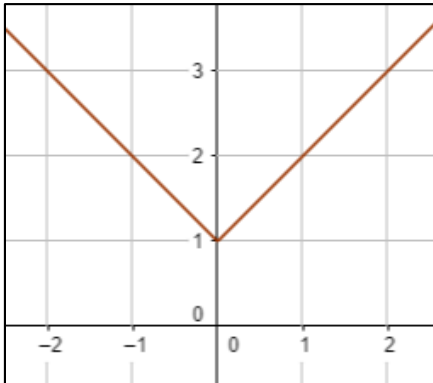


4.  $y = |x + 4|$

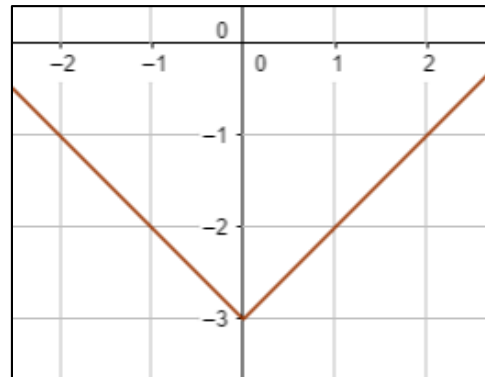


Write the equation represented by each graph shown below.

1.

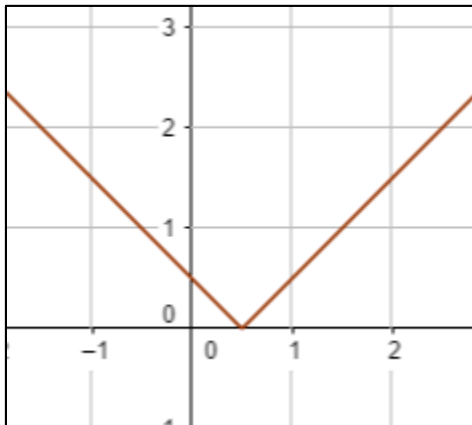


2.

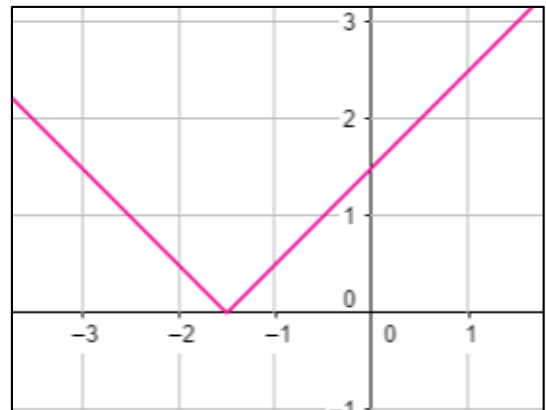


# Graphing Absolute Value Functions Assignment

3.

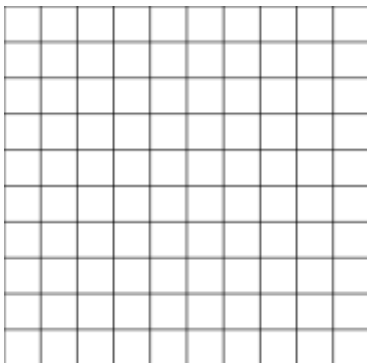


4.

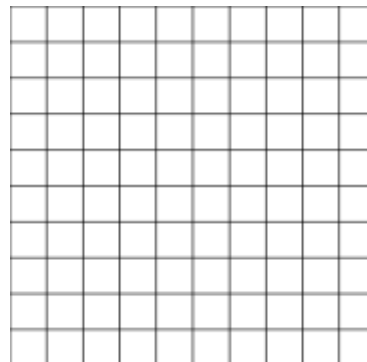


Graph each equation by reflecting and translating the function  $y = |x|$ .

1.  $y = -|x| + 1$



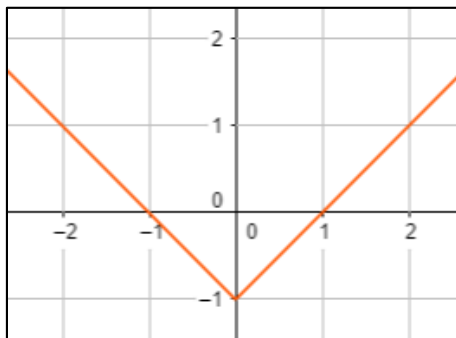
2.  $y = -|x - 2|$



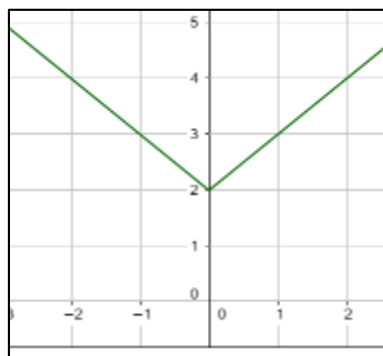
# Graphing Absolute Value Functions Assignment

**ANSWERS:** Graph each equation by translating the function  $y = |x|$ .

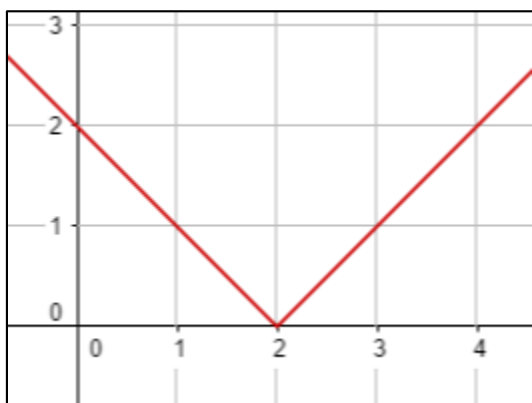
1.  $y = |x| - 1$



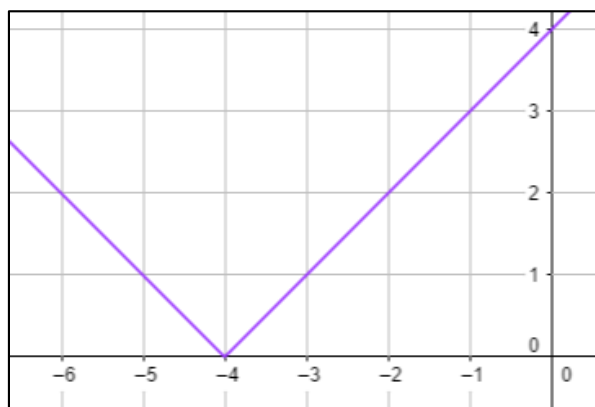
2.  $y = |x| + 2$



3.  $y = |x - 2|$

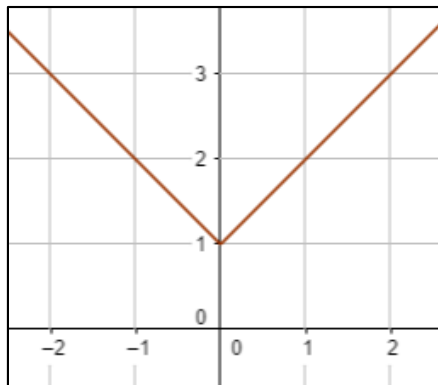


4.  $y = |x + 4|$



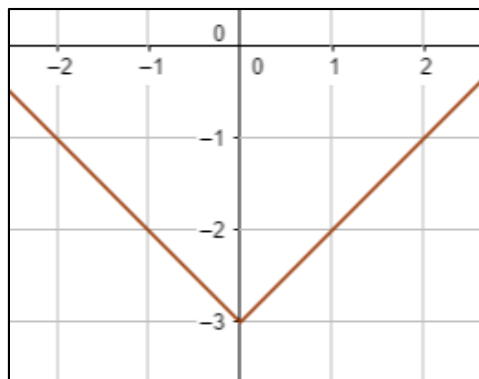
Write the equation represented by each graph shown below.

1.



$y = |x| + 1$

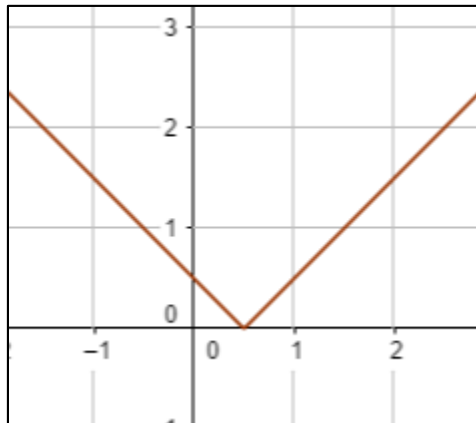
2.



$y = |x| - 3$

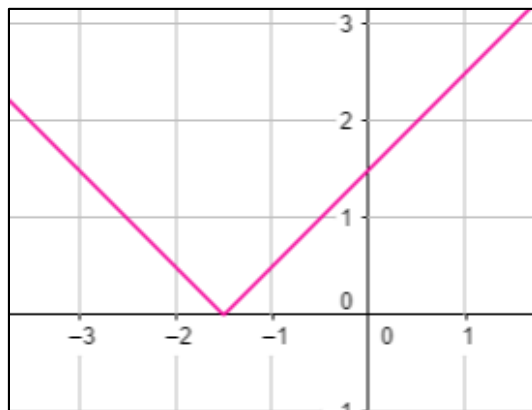
# Graphing Absolute Value Functions Assignment

3.



$$y = |x - \frac{1}{2}|$$

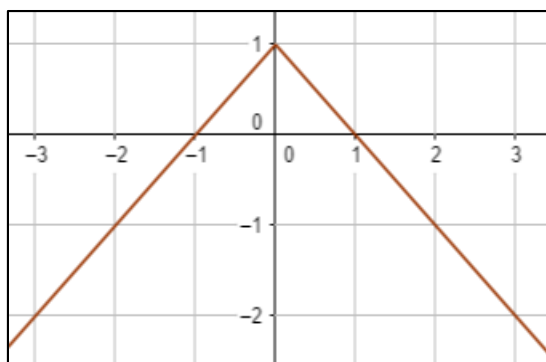
4.



$$y = |x + 1.5|$$

Graph each equation by reflecting and translating the function  $y = |x|$ .

1.  $y = -|x| + 1$



2.  $y = -|x - 2|$

