Name: _____ Period: _____ Date: _____

Graphing Absolute Value Functions Exit Quiz

Part A Instructions: Choose the option that completes the sentence or answers the question.

1. **The absolute value function is of the form:**

   a. $y = -x$
   b. $y = x$
   c. $y = |x|$
   d. None of these

2. **The absolute value function translates left if the equation is of the form:**

   a. $y = |x| - k$
   b. $y = |x| + k$
   c. $y = |x + h|$
   d. $y = |x - h|$

3. **The graph of $y = -|x|$ is:**

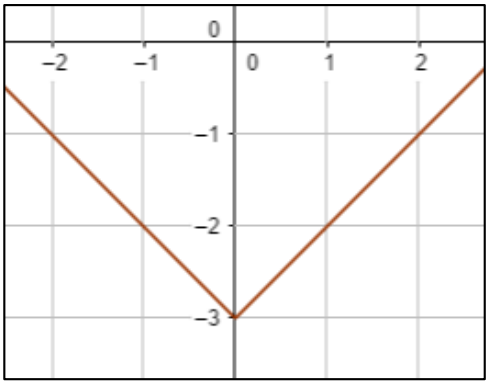
   a. Translated left
   b. Translated up
   c. Reflected down
   d. None of these

4. **The absolute value function translates up if the equation is of the form:**

   a. $y = |x| - k$
   b. $y = |x| + k$
   c. $y = |x + h|$
   d. $y = |x - h|$

Part B Instructions: Answer the question below.

5. **Write the equation represented by the graph shown below.**



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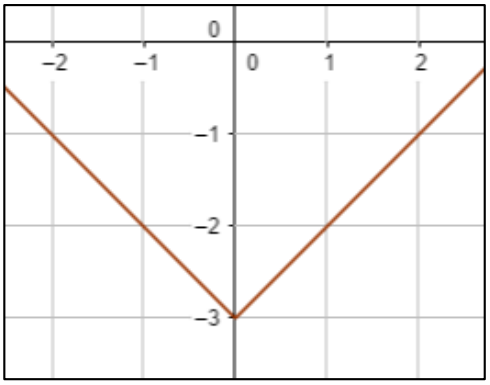

$y = |x| - 3$