Determine the slope of each of the following lines:

1. [Grid Image]
   
   \[ m = \underline{\phantom{000}} \]

2. [Grid Image]
   
   \[ m = \underline{\phantom{000}} \]

3. Determine whether the lines are parallel, perpendicular, or neither. (You must calculate the slope of each line first.)
   
   Line 1: \( x + 3y = 9 \)  
   Line 2: passes thru \((-4, 2)\) and \((-5, -1)\)

   \[ m = \underline{\phantom{000}} \]  
   \[ m = \underline{\phantom{000}} \]  
   Answer: \( \underline{\phantom{000}} \)

Find the slope of the equation:

4. \( x = 2 \)

5. Graph using the slope and y-intercept. \( 6x + 2y = 2 \)
6. Find the equation of the line that passes through the point \((-7, 1)\) with a slope of \(-4\). Write your answer in Standard Form.

7. Find the equation of the line having a slope of \(\frac{1}{2}\) and a y-intercept of \(-5\).

8. The equation of a horizontal line that passes through the point \((-9, 12)\) is \__________, and the equation of a vertical line through \((-9, 12)\) is \__________.

9. In 2000, there were a total of 152,000 apparel and accessory stores. In 2005, there were a total of 150,000 apparel and accessory stores.
   a) Write two ordered pairs describing this data, if \(x =\) years past 2000 and \(y =\) number of stores.

   b) Write a linear equation describing this relationship. Write your answer in slope-intercept form.

   c) Use the equation to predict the number of stores in 2014.