Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_

**Homework #11 - Due Friday 12/14**

**Directions**: Write the equation of the line in slope-intercept form.

1. Write the equation of a line that passes through the points (0, 3) and (-4, -1).
2. Write the equation of a line that passes through the points (-4, 2) and (0, -5).
3. Write the equation of a line that passes through the points (-4, -2) and (-3, 5).
4. Write the equation of a line that passes through the points (0, 2) and (1, -3).

 

 m = \_\_\_\_\_\_ m = \_\_\_\_\_\_\_

 b = \_\_\_\_\_\_ b = \_\_\_\_\_\_

 Equation: \_\_\_\_\_\_\_\_\_\_\_\_ Equation: \_\_\_\_\_\_\_\_\_\_\_\_

 7) Graph the line given the table:
 


Graph each line given the slope and y-intercept.



 8.



 9.