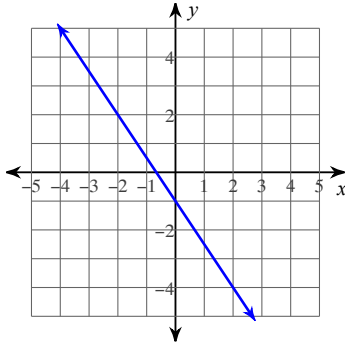


Week 1: Jan. 9 - Jan. 13

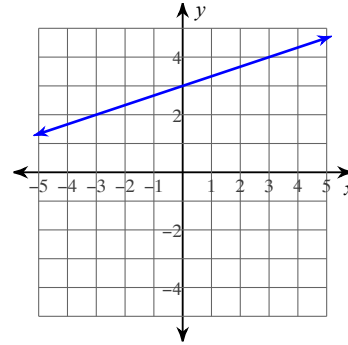
Date \_\_\_\_\_

**Write each graph in slope-intercept form:  $y = mx + b$** 

1)



2)

**Find the slope of the line through each pair of points. \*Hint: Use slope formula**

3)  $(15, 15), (-7, 15)$

4)  $(4, -18), (-13, -12)$

**Find the slope of each line.**

5)  $-y + x = 3$

6)  $0 = 3y - 5x - 6$

**Write the slope-intercept form of the equation of each line.**

7)  $3x + 8y = 32$

8)  $6x - 5y = -2$

**Solve each system by graphing. State the number of solutions: Infinite, One, No Solution**

9)  $y = -x + 3$   
 $y = -5x - 1$

10)  $3x - y = 1$   
 $3x - y = 3$