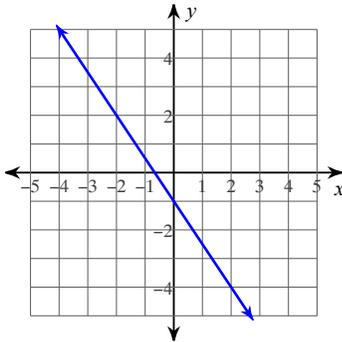


Week 1: Jan. 9 - Jan. 13

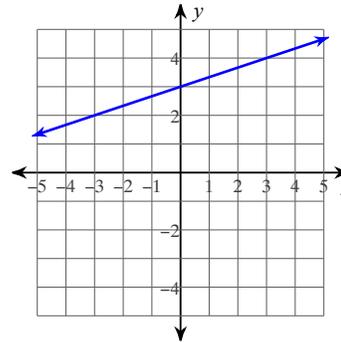
Date _____

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