

## Day 4 Practice Worksheet

A. Write the slope-intercept form of the equation of each line given the slope and y-intercept.

1) Slope = 5, y-intercept = -3

2) Slope =  $-\frac{1}{3}$ , y-intercept = 5

3) Slope = 0, y-intercept = 2

4) Slope = -1, y-intercept = 5

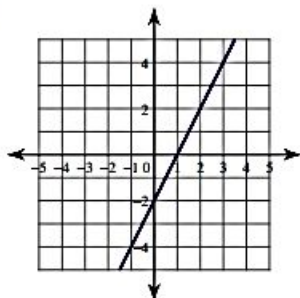
B. Write the point-slope form of the equation of the line through the given point with the given slope.

5) through: (5, 3), slope =  $\frac{4}{5}$

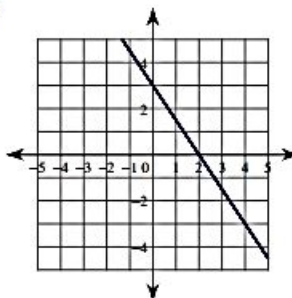
6) through: (-3, -2), slope =  $-\frac{2}{3}$

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

7)



8)



D. Write the point-slope form of the equation of the line through the given points.

9) through: (-5, -5) and (1, -3)

10) through: (4, 3) and (1, 2)

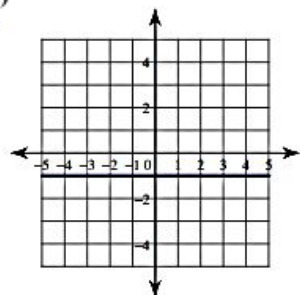
E. Write the slope intercept form of the equation through the given points

11) (3, -3) and (4, 0)

12) (3, 5) and (0, 1)

F. Write the equation of each line

13)



14)

