Algebra I

Name_____

Writing Linear Equations Review

Date_____

Part I: Write the slope-intercept form of the equation of each line given the slope and y-intercept.
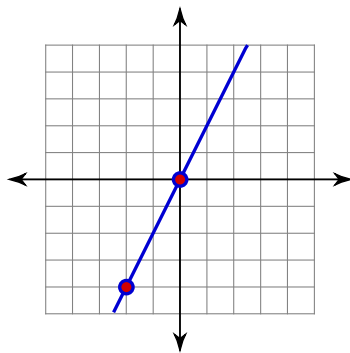
1) Slope = –4,   y-intercept = 4

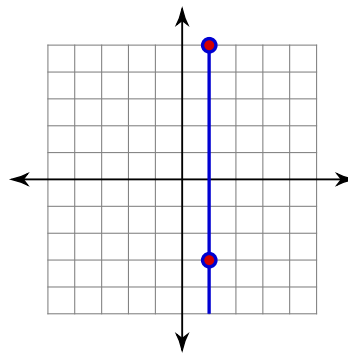2) Slope = 1,   y-intercept = 0

3) Slope = –4,   y-intercept = 2

4) Slope = 0,   y-intercept = 3

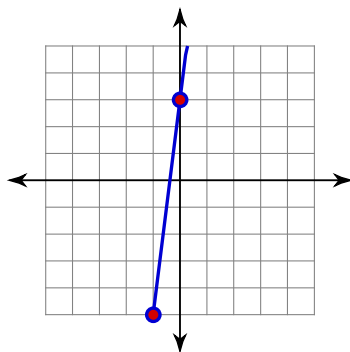**Part II: Write the slope-intercept form of the equation of each line given the graph.**
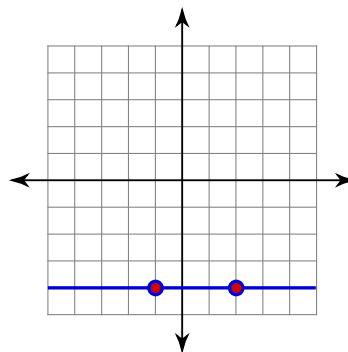
5)

6)

7)

8)

Part III: Write the slope-intercept form of the equation of the line through the given point with the given slope.

9) through: $(-5, 3)$, slope $= -1$

10) through: $(2, -1)$, slope $= \dfrac{1}{2}$

11) through: $(-3, 1)$, slope $= -\dfrac{2}{3}$

12) through: $(-5, 2)$, slope $= -\dfrac{3}{5}$

Part IV: Write the slope-intercept form of the equation of the line through the given points.

13) through: $(-3, -2)$ and $(-4, 3)$

14) through: $(-3, 1)$ and $(0, -4)$

15) through: $(0, -4)$ and $(3, 5)$

16) through: $(-1, -2)$ and $(-3, 2)$