Algebra II   Name _____
Section 1-4 Writing linear equations   Skills Review
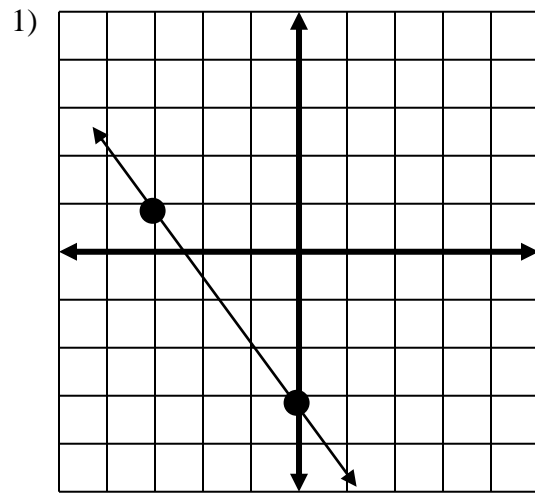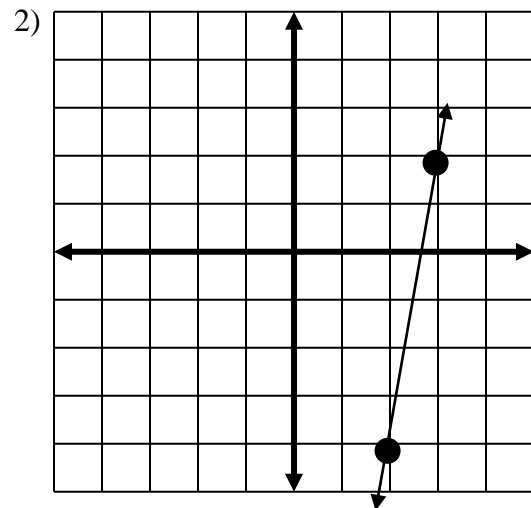
Write an equation in slope-intercept form for each graph.

1)

       y = _____

2)

       y = _____

Write an equation in slope-intercept form for the line described.

3) slope 3, passes through (1, -3)

4) slope $-\dfrac{2}{3}$, passes through (6, -8)

5) passes through (-2, -4) & (1, 8)

6) passes through (3, 11) & (-6, 5)

7) x-intercept 2, y-intercept -6

8) y-intercept 7, with no x-intercept

9)   passes through (-4, 2), parallel to the line whose equation is $y = \dfrac{1}{2}x + 5$.

10)   passes through (3, 1), perpendicular to the line whose equation is y = -3x + 2.

11)   passes through (1, -1), parallel to the line that passes through (4, 1) & (2, -3).

12)   passes through (8, -6), perpendicular to the graph of 2x − y = 4.

13)   passes through (2, -2), perpendicular to the graph of x + 5y = 6.

14)   passes through (6, 1), parallel to the line with x-intercept -3 and y-intercept 5.