Name_____

Writing Equations given two points

Date_____ Period_____

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

1) Slope $= 4$, y-intercept $= 3$

2) Slope $= -1$, y-intercept $= 1$

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

3) through: $(5, 1)$, slope $= -\dfrac{2}{5}$

4) through: $(2, -4)$, slope $= -\dfrac{7}{2}$

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

5) through: $(2, 0)$ and $(4, 4)$

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

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

8) through: $(2, 3)$ and $(0, -3)$

9) through: $(0, 4)$ and $(-5, 0)$

10) through: $(0, 4)$ and $(-5, 5)$

11) through: $(0, -3)$ and $(-5, -5)$

12) through: $(0, 5)$ and $(4, -4)$

13) through: $(3, 4)$ and $(0, -2)$

14) through: $(0, -1)$ and $(-4, 5)$