

3-4 Homework

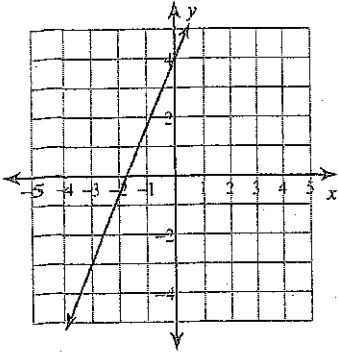
Name _____

Writing Equations

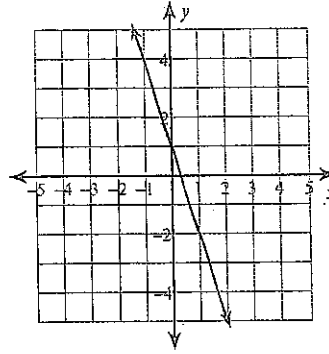
Date _____

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

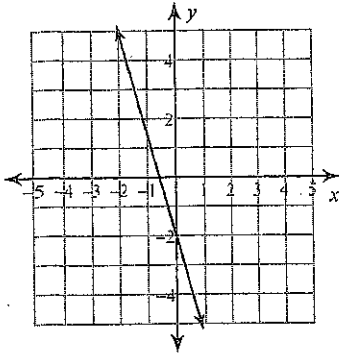
1)



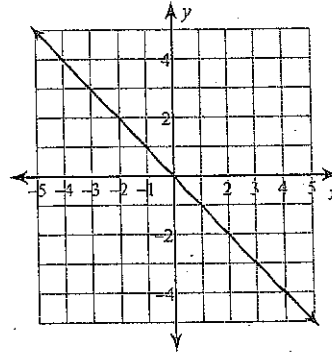
2)



3)



4)



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

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

6) through: $(-2, 3)$, slope = -1

7) through: $(-3, 1)$, slope = $-\frac{1}{2}$

8) through: $(-2, 5)$, slope = $-\frac{6}{5}$

9) through: $(-2, -4)$, slope = -3

10) through: $(-2, 5)$, slope = $-\frac{3}{4}$

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

12) through: $(-2, 0)$, slope = -1

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

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

14) through: $(-4, -1)$ and $(-4, -2)$

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

16) through: $(0, -4)$ and $(3, 4)$

17) through: $(-3, -4)$ and $(0, -3)$

18) through: $(0, 3)$ and $(-4, 4)$

19) through: $(-1, 0)$ and $(0, 5)$

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