

# 3-4 Notes

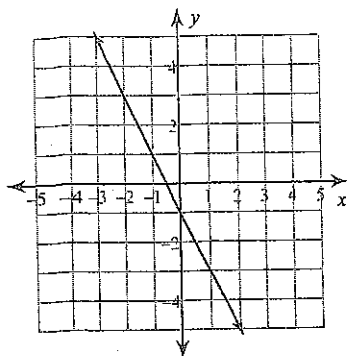
Name \_\_\_\_\_

## Writing Equations

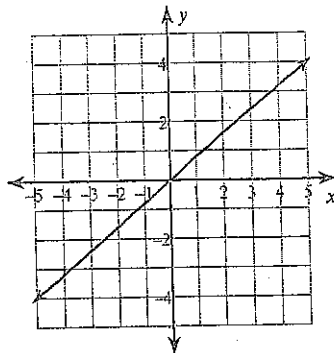
Date \_\_\_\_\_

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

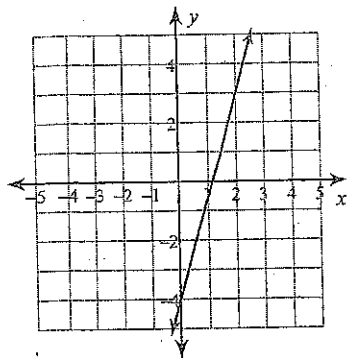
1)



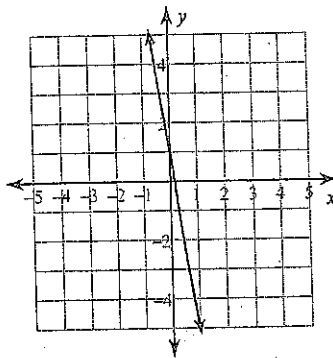
2)



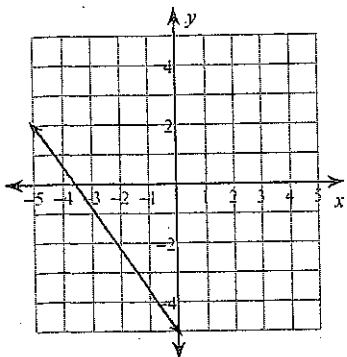
3)



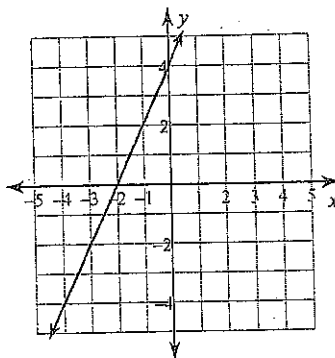
4)



5)



6)



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

7) through:  $(-1, 4)$ , slope = 9

8) through:  $(-2, 0)$ , slope =  $-2$

9) through:  $(3, 4)$ , slope =  $\frac{7}{3}$

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

11) through:  $(-5, -1)$ , slope =  $-\frac{2}{5}$

12) through:  $(1, 4)$ , slope = 8

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

13) through:  $(1, -1)$  and  $(0, 0)$

14) through:  $(0, 0)$  and  $(5, 3)$

15) through:  $(0, -1)$  and  $(-4, -4)$

16) through:  $(-2, -5)$  and  $(0, 1)$

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

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