Name:	
<i>Date:</i>	<i>Hour</i> :

## Lesson 5: Writing Equations in Slope-Intercept Form Worksheet

Write a slope-intercept form equation of the line that passes through each point with the given slope.



4) 
$$(-5, 4), m = -3$$
 5)  $(4, 3), m = \frac{1}{2}$  6)  $(1, -5), m = -\frac{3}{2}$ 

Write an equation of the line that pa	sses through each pair of points.	
7) (0,-4), (5,-4)	8) (-4, -2), (4, 0)	9) (-2, -3), (4, 5)



Write an equation of the line that has each pair of intercepts.

16) x-intercept: 2, y-intercept: -5

17) x-intercept: 2, y-intercept: 10

18) x-intercept: -2, y-intercept: 1

19) x-intercept: -4, y-intercept: -3

20) The cost for 7 dance lesson is \$82. The cost for 11 lessons is \$122. Write a linear equation to find the total cost *C* for *l* lessons. Then use the equation to find the cost of 4 lessons. \*\*HINT: Use the cost of the lessons as ordered pairs\*\*