Name:
Date: $\qquad$ Hour: $\qquad$
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.
1)

2)

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 passes through each pair of points.
7) $(0,-4),(5,-4)$
8) $(-4,-2),(4,0)$
9) $(-2,-3),(4,5)$
10) $(0,1),(5,3)$
11) $(-3,0),(1,-6)$
12) $(1,0),(5,-1)$
13)

14)

15)


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**

