

## CDL Day 8

Date \_\_\_\_\_

Period \_\_\_\_\_

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

1) Slope =  $-\frac{1}{3}$ , y-intercept =  $-5$

2) Slope =  $1$ , y-intercept =  $-5$

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

4) Slope =  $\frac{7}{5}$ , y-intercept =  $4$

5) Slope =  $-\frac{5}{4}$ , y-intercept =  $-3$

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

6)  $2x - 3y = 14$

7)  $2x + y = 9$

8)  $8x - y = -4$

9)  $14x - 5y = -72$

10)  $2x + 5y = 25$

11)  $11x - 2y = -10$

12)  $x - y = 0$

13)  $x - y = 3$

14)  $13x + 7y = 56$

15)  $x + y = 3$

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

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

17) through:  $(3, 5)$  and  $(0, 1)$

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

19) through:  $(2, 0)$  and  $(1, 4)$

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