**Graph the following lines.**

1.  2. 
	1. slope = \_\_\_\_\_ a. slope = \_\_\_\_\_\_
	2. y-intercept = \_\_\_\_\_ b. y-intercept = \_\_\_\_\_\_

c. c.

**Find the slope of the line passing through the given pair of points:**

3. (4, -6) and (4, 9) 4. (8, 3) and (-10, 3)

**Write the equation of the line with the given slope that passes through the given point:**

5. $m=\frac{1}{2} (-8, 4)$ 6. $m=-4 (-2, 0)$

**Write the equation of the line between the two points:**

7. (-5, -5) (-2, 1) 8. (2, -5) (4,15)

**Write the equation of the line:**

9. Write the equation of the line parallel to  passing through (-3, 8).

10. Write the equation of the line perpendicular to  passing through (5, -4).

**Write the following equation in slope-intercept form:**

11.  12. 

**Find the area:**

12 cm

10 cm

8 cm

25 cm

13.

14. Find the area of a circle that has 

**Write the following in standard form:**

15. $6.32×10^{5}$ 16. $7.381×10^{-5}$