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**Assignment 1-4
Literal Equations**

Unit 1

1. Solve for t .

$$d = rt$$

2. Solve for r .

$$C = 2\pi r$$

3. Solve for l .

$$V = lwh$$

4. Solve for h .

$$V = \frac{1}{3}Bh$$

5. Solve for c .

$$P = a + b + c$$

6. Solve for b .

$$A = \frac{1}{2}bh$$

7. Solve for W .

$$P = 2L + 2W$$

8. Solve for t .

$$A = p + prt$$

9. Solve for m .

$$y = mx + b$$

10. Solve for F .

$$C = \frac{5}{9}(F - 32)$$

11. Solve for a .

$$3ayc = 18$$

12. Solve for y .

$$\frac{2}{3}(x + y) = 18$$

Directions: Solve for y . Then write your answer in slope-intercept form. ($y = mx + b$)

13. $2x + 3y = 9$

18. $3x - 2y = 8$

14. $2x + 3y - 7 = 12$

19. $8x + 2y = 16$

15. $5x - y = 10$

20. $-x - 2y = -3$

16. $-6x + 6y - 4 = 8$

21. $7x - 5 + 6y = 9$

17. $x + y - 5 = 0$

22. $-4 + 2y - 2x = -4$