

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Score: \_\_\_\_\_

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**Assignment 1-4**

**Sec 1** **Unit 1**

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**Solve for the indicated variable.**

1. Solve for  $t$   
 $d = rt$

8. Solve for  $t$   
 $A = p + prt$

2. Solve for  $r$   
 $C = 2\pi r$

9. Solve for  $m$   
 $y = mx + b$

3. Solve for  $l$   
 $V = lwh$

4. Solve for  $h$   
 $V = \frac{1}{3}Bh$

10. Solve for  $b$   
 $y = mx + b$

5. Solve for  $c$   
 $P = a + b + c$

11. Solve for  $k$   
 $3kw = 15$

6. Solve for  $b$   
 $A = \frac{1}{2}bh$

12. Solve for  $p$   
 $\frac{1}{5}apt = 72$

7. Solve for  $w$   
 $P = 2l + 2w$

13. Solve for  $b$   
 $24a + 6b = 42$

14. Solve for  $m$   
 $4m + 8r = 12$

**Solve for  $y$  and put in slope-intercept form.**

15.  $2x + y = 9$

20.  $5x - y = 10$

16.  $3x - 2y = 8$

21.  $8x + 2y = 16$

17.  $2x + 3y = 12$

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

18.  $-6x + 6y = 8$

23.  $7x - 5 + 6y = 9$

19.  $x + y + 5 = 0$

24.  $-4 + 2y - 2x = -4$