

## 1.6 Solving Literal Equations

NAME: \_\_\_\_\_ HOUR: \_\_\_\_\_

Solve the following equations for the indicated variable. THANKS

1.  $I = PRT$ , Solve for P

2.  $2x - 3y = 8$ , solve for y

3.  $V = \frac{1}{3}s^2h$ , Solve for h

4.  $T = m - n$ , solve for n

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

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

7.  $3y + 5x = -6$ , Solve for y

8.  $A = \frac{1}{2}h(b + c)$ , Solve for b

9.  $x = -\frac{2a-3}{y}$ , Solve for a

10.  $V = \pi r^2h$ , Solve for r

11.  $x = vt + \frac{1}{2}at^2$ , Solve for v

12.  $3 = -\frac{2x+7y}{5}$

13.  $A = \frac{4}{3}\pi r^3$ , Solve for r

14.  $C = \frac{5}{9}(F - 32)$ , Solve for F

15.  $7x - y = 14$ , Solve for x

16.  $S = R - tR$ , Solve for t

EXTENSIONS:

17.  $S = R - tR$ , Solve for R

18.  $y = \frac{u+1}{u+2}$ , Solve for u