

Literal Equations Worksheet

Name \_\_\_\_\_

Solve for the indicated variable:

1.  $t$ :  $D = rt$

2.  $s$ :  $h = \frac{\sqrt{3}s}{2}$

3.  $h$ :  $V = \frac{\pi r^2 h}{3}$

4.  $b_1$ :  $A = \frac{1}{2} h (b_1 + b_2)$

5.  $R$ :  $S = ns (R + r)$

6.  $w$ :  $S = \frac{1}{2} (wh_1 + wh_2)$

7.  $r$ :  $I = P (1 + rt)$

8.  $C$ :  $F = \frac{9}{5} C + 32$

9.  $h$ :  $S = 2\pi rh + 2\pi r^2$

10.  $r_2$ :  $R (r_1 + r_2) = r_1 r_2$