**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**LITERAL EQUATIONS WORKSHEET #2**

**Solve for the indicated variable in the parenthesis.**

 1) P = IRT    *(T)* 2) A = 2(L + W) *(W)*

3) y = 5x - 6 *(x)* 4) 2x - 3y = 8    *(y)*

5) x + y = 5 *(x)* 6) y = mx + b   *(b)*  
             3

7) ax + by = c *(y)* 8) A = 1/2h(b + c) *(b)*

9) V = LWH *(L)* 10) A = 4r2    *(r2)*

11) V = r2h  *(h)* 12) 7x - y = 14 *(x)*

13) A = x + y *(y)* 14)  R = E *(I)*                2 l

15) x = yz *(z)* 16) A = r *(L)*   
 6 2L

17) A = a + b + c *(b)* 18) 12x – 4y = 20 *(y)*  
             3

19)  x = 2y - z *(z)* 20) P = R - C  *(R)*