

## Worksheet on Solving Literal Equations

**Solve each equation for the variable indicated. Show your steps.**

1.  $m + 2y = 3$ , for  $y$

6.  $D = RT$ , for  $T$

11.  $xy - 5 = 8$ , for  $y$

2.  $st - a = t$ , for  $s$

7.  $F = MA$ , for  $M$

12.  $V = LWH$  for  $W$

3.  $\frac{f + g}{e} = r$ , for  $g$

8.  $2w + 2L = P$ , for  $W$

13.  $m/k = x$ , for  $k$

4.  $\sqrt{r + g} = 4$ , for  $r$

9.  $4x - 5y = 12$ , for  $y$

14.  $F = 1.8C + 32$  for  $C$

5.  $2x + 3y = 5$ , for  $y$

10.  $C = 2\pi r$ , for  $r$