

**Solve the Equation for a Specified Variable**

Name \_\_\_\_\_

**Solve each equation for the variable given.**

1)  $3x + 4y = 12$  for  $y$

2)  $5a + 3b = 12$  for  $b$ .

3)  $3ab + 4c = 2$  for  $b$ .

4)  $2x + 3yz = 4w$  for  $z$ .

5)  $6x + 2y = 12$  for  $y$

6)  $5abc = 10d$  for  $c$

7)  $V = \frac{1}{3}lwh$  for  $h$

8)  $3xy - 5 = 4z$  for  $y$

9)  $C = 2\pi r$  for  $\pi$

10)  $2ab + 4c = 12$  for  $c$ .