

## Lesson 23 ~ Solving One-Step Equations

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

Solve each equation using an equation mat or inverse operations. Check your solution.

1.  $x + 7 = 11$

2.  $y - 12 = -4$

3.  $\frac{p}{5} = 6$

4.  $28 = -2m$

5.  $k - 2\frac{1}{2} = 1\frac{1}{4}$

6.  $h + 3.8 = 12.9$

7.  $\frac{d}{10} = 5$

8.  $-7d = -42$

9.  $x + 1.16 = -2.34$

10.  $-23 = b - 7$

11.  $-f = 9$

12.  $-0.2 = \frac{y}{-3}$

13.  $90 = 141 + a$

14.  $g - \frac{1}{3} = \frac{2}{9}$

15.  $-3 + y = -3$

Write an algebraic equation for each sentence. Solve each equation using an equation mat or inverse operations.

16. Six less than  $x$  equals twenty-two.

17. The quotient of  $y$  and four is negative ten.

18. Three-tenths times  $m$  is three and six tenths.

19. Seven less than  $h$  is negative nine.

20. Bryanna is thinking of two numbers. Their sum is  $-7$ . One of the numbers is 11. Write an equation and solve to find the other number.