

Lesson 4.2 ~ 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.