

Lesson 1.4 ~ Solving One-Step Equations

Name _____ Period _____ Date _____

Solve each equation. Show your work and check your solution.

1. $x + 13 = 47$

2. $4y = 28$

3. $p - 83 = 129$

4. $-8x = 72$

5. $\frac{w}{9} = 10$

6. $y + \frac{4}{5} = 1\frac{2}{5}$

7. $\frac{l}{-5} = -8$

8. $x - 13.6 = 22.8$

9. $-h = 14$

10. $p - 14 = -18$

11. $-3 + x = -16$

12. $\frac{1}{2}m = 10$

Write an equation for each statement. Solve each problem and check your solution.

13. The sum of a number and 12 is 31. Find the number.

14. The product of 5 and a number is -80 . Find the number.

15. A number decreased by 73 is 129. Find the number.

16. A number divided by -8 is 22. Find the number.

17. Eighteen and nine tenths is 2.6 less than a number. Find the number.

18. One-fourth of a number is 22. Find the number.

19. A number increased by 27 is 233. Find the number.