Module: Solving Linear Equations   Name:
Lesson: Solving Equations with   Date:
        Multiplication and Division   Period:

Homework: Solve each equation. Then check your solution.
1. -4r = -28

2. 9x = 36

3. 3w = -12

4. 17b = -51

5. -5c = 45

6. $11 = \dfrac{x}{5}$

7. $\dfrac{c}{-8} = -14$

8. $\dfrac{-11}{8}x = 44$

9. $3x = 4\dfrac{2}{3}$

Define a variable, write an equation, and solve each problem.
10. Six times a number is -96. Find the number.

11. One fourth of a number is -9. What is the number?

12. Seven eighths of a number is is 14. What is the number?

Complete.
13. If 10y = 46, then 5y = _____.

14. If 12b = -1, then 4b = _____.