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

Classwork: Solve each equation. Then check your solution.

1. $3x - 2 = -5$

2. $5 - 9w = 23$

3. $2d - 7 = 5$

4. $\dfrac{3}{2}a - 8 = 7$

5. $7 = \dfrac{c}{-5} + 3$

6. $\dfrac{g}{8} - 6 = -12$

7. $6 = -12 + \dfrac{h}{-7}$

8. $\dfrac{z - 7}{5} = -3$

9. $\dfrac{2t - 5}{-9} = 7$

Define a variable, write an equation, and solve each problem.

10. Twelve decreased by twice a number is -7. Find the number.

11. Find four consecutive integers whose sum is 86.