

Practice

Lessons 3.7 to 3.9

Solve. Then, check the solution.

1. $85 = 5w$

2. $12k = 144$

3. $82 = -2m$

4. $\frac{m}{-6} = -10$

5. $\frac{t}{4} = 0$

6. $5 = \frac{y}{-30}$

7. $2k + 8 = 18$

8. $7 - z = 42$

9. $80 = -8 + 11z$

10. $0 = 50 + 10q$

11. $-4s + 8 = 20$

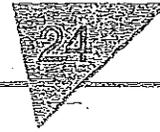
12. $34 + 3f = 31$

13. $-7h - 14 = 14$

14. $26 - 6q = -34$

15. $5m + 66 = -24$

Practice



Lessons 3.1, 3.2, 3.9 to 3.11

Tell whether the number is a solution of the equation.
Write *yes* or *no*.

1. $18; 90 = 5y$

2. $-2; 4 - 2x = -3x$

3. $5; 5(7 - t) = 2t$

4. $7; 8z - 15 = 41$

Show that each pair of equations is equivalent.

5. $n = -18$ and $\frac{n}{6} = -3$

6. $q = 19$ and $46 + 2q = 84$

Solve. Then, check the solution.

7. $9x - 12 = -3x$

8. $4n = 5n + 9$

9. $\frac{k}{2} + 4 = -6$

10. $7 + \frac{m}{5} = 9$

11. $80 = 80 + 3t$

12. $-9d - 34 = -7$

13. $4(15 - x) = 2x$

14. $9(8 + y) = y$

15. $-2(10 - r) = 26$

16. $5 = 5(q + 1)$