

Practice**Solving Equations by Using Multiplication and Division**

Solve each equation. Then check your solution.

1. $-6d = -42$

2. $-7t = 49$

3. $32z = 896$

4. $8k = 36$

5. $18e = -216$

6. $0.26f = 0.0312$

7. $\frac{c}{4} = 16$

8. $-18 = \frac{m}{6}$

9. $31 = -\frac{1}{6}m$

10. $6 = \frac{4}{-7}t$

11. $-\frac{5}{8}w = -9$

12. $\frac{3}{5}x = 15$

13. $-12 = \frac{2}{3}z$

14. $\frac{c}{-7} = -13$

15. $\frac{5}{9}k = -10$

16. $-\frac{3}{5}s = -40$

17. $5n = 2\frac{3}{4}$

18. $-3x = 1\frac{1}{2}$

Define a variable, write an equation, and solve each problem. Then check your solution.

19. Eight times a number is 216. What is the number?

20. Negative seven times a number is 1.477. Find the number.

21. One third of a number is 8.5. What is the number?

22. Four thirds of a number is 4.82. What is the number?