

**SECTION
12A****Ready to Go On? Quiz****12-1 Solving Two-Step Equations**

Solve.

1. $3b - 9 = 27$

2. $\frac{d}{7} - 5 = 4$

3. $-14 = 7 + 3s$

4. $-4 - 6x = -64$

5. $7k - 5 = 51$

6. $-23 = 17 + 4f$

7. $\frac{y}{3} + 12 = 17$

8. $-5t - 6 = 34$

12-2 Solving Multi-Step Equations

Solve.

10. $\frac{2c - 16}{4} = 7$

11. $4(7e - 9) + 6 = 82$

12. $\frac{2.03 + 6r}{7} = 2.09$

13. $\frac{1}{4} = \frac{2w + 8}{16}$

14. $3(6m - 4) + 10 = 70$

15. $5(2n + 4) - 30 = 100$

SECTION
12A**Ready to Go On? Quiz** continued**12-3 Solving Equations with Variables on Both Sides**

Solve.

18. $3b = 18b - 180$

19. $\frac{4}{5}y + 6 = \frac{2}{5}y - 7$

20. $-35s + 71 = -21s + 43$

21. $\frac{7}{8}t + \frac{3}{4} = \frac{1}{2} + \frac{15}{16}t$

22. $6.5g - 7.2 = 9.4 - 1.8g$

23. $5h - 9 = -3h + 15$
