

19. ♦ MULTIPLE CHOICE What is the solution of $-8 = d - 13$?

(A) -21

(B) -5

(C) 5

(D) 21

20. ♦ MULTIPLE CHOICE What is the solution of $22 + v = -65$?

(A) -87

(B) -43

(C) 43

(D) 87

**EXAMPLES
3 and 4**

on pp. 126–127
for Exs. 21–40

SOLVING MULTIPLICATION AND DIVISION EQUATIONS Solve the equation.
Check your solution.

21. $5g = 20$

22. $9k = 72$

23. $48 = 8c$

24. $-18 = 3a$

25. $-4q = 52$

26. $33 = -11b$

27. $15 = -h$

28. $-96 = 8j$

29. $187 = -17r$

30. $\frac{y}{3} = 5$

31. $\frac{m}{2} = 14$

32. $8 = \frac{x}{6}$

33. $\frac{n}{13} = 7$

34. $76 = \frac{p}{4}$

35. $-81 = \frac{f}{6}$

36. $7 = \frac{t}{-7}$

37. $-11 = \frac{z}{-2}$

38. $-3 = \frac{d}{14}$

ERROR ANALYSIS Describe and correct the error in solving the equation.

39.

$$x + 3.8 = 2.3$$

$$x + 3.8 - 3.8 = 2.3 + 3.8$$

$$x = 6.1$$

40.

$$\frac{x}{3} = 27$$

$$3 \cdot \frac{x}{3} = \frac{27}{3}$$

$$x = 9$$

SOLVING EQUATIONS Solve the equation. Check your solution.

41. $b - 0.4 = 3.1$

42. $-3.2 + z = -7.4$

43. $-5.7 = w - 4.6$

44. $-6.1 = p + 2.2$

45. $8.2 = -4g$

46. $-3.3a = 19.8$

47. $\frac{3}{4} = \frac{1}{8} + v$

48. $\frac{n}{4.6} = -2.5$

49. $-0.12 = \frac{y}{-0.5}$

50. $\frac{1}{2}m = 21$

51. $\frac{1}{3}c = 32$

52. $-7 = \frac{1}{5}x$

53. $\frac{3}{2}k = 18$

54. $-21 = -\frac{3}{5}t$

55. $-\frac{2}{7}v = 14$

56. $\frac{5}{4}d = -15$

57. $-\frac{7}{13}f = 35$

58. $-\frac{11}{8}h = -132$

59. $\frac{8}{5}x = \frac{4}{15}$

60. $\frac{1}{3}y = \frac{1}{5}$

61. $-\frac{4}{3} = \frac{2}{3}z$

62. ♦ **MULTIPLE CHOICE** What is the solution of $\frac{4}{5}x = -\frac{2}{3}$?

(A) $-\frac{6}{5}$

(B) $-\frac{5}{6}$

(C) $-\frac{8}{15}$

(D) $\frac{5}{6}$

63. **REASONING** Explain how you can solve the equation $x + 9 = 14$ using the addition property of equality rather than the subtraction property of equality.