

Solve.

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| 10. $\frac{5-3g}{2} = 0$ | 11. $9t + 4 - 3t = 36$ | 12. $-7s + 6 - 8s = 36$ |
| 13. $315 - 22y - 13y = 0$ | 14. $-13 = -16b + (-10b)$ | 15. $3(a - 4) = -5$ |
| 16. $6(4 - 3r) = 24$ | 17. $\frac{1}{3}(2 - 5p) = -13$ | 18. $-\frac{4}{5}(x - 4) = -8$ |
| 19. $\frac{1}{2}x + \frac{1}{3} = \frac{3}{4}$ | 20. $-\frac{1}{4}g + \frac{1}{6} = \frac{5}{12}$ | 21. $2(3 - c) - 7 = -1$ |
| 22. $-3(2 - y) = 0$ | 23. $-8 = -3(y - 3) - 8$ | 24. $5(2 - 3b) - 13 = 12$ |
| 25. $15g - (13g + 14) - 5g = 0$ | 26. $10k - 8k - (3 - k) = -6$ | |
| 27. $(3r - 7) - (4r - 15) = 6$ | 28. $(21 - 2p) - (15 + 6p) = 0$ | |
| 29. $2v - 8 - \frac{4}{3}v = 0$ | 30. $5 = u + 3 - \frac{8}{9}u$ | |
| 31. $3(d - 3) - 4d = 5$ | 32. $7y + 4(y + 1) = 15$ | |
| 33. $6e - (2e - 5) = 17$ | 34. $7z - (2z - 8) = -2$ | |
| 35. $-2(3 - g) + 2g - 9 = 1$ | 36. $-2b - 5(b - 1) - 3 = 16$ | |

Solve each equation using two different methods. The first steps of the methods should be different from each other.

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| B 37. $\frac{1}{3}a + 4 = 2$ | 38. $\frac{2}{5}x + 3 = \frac{1}{5}$ | 39. $3(p - 2) = 12$ |
| 40. $4(k + 1) = 7$ | 41. $\frac{1}{4}x + \frac{3}{4} = 5$ | 42. $\frac{3}{2}t - \frac{1}{2} = 2$ |
| 43. $\frac{1}{3}(t - 3) = 4$ | 44. $\frac{1}{2}(6x - 1) = 4$ | 45. $\frac{4}{5}x - 3 = \frac{2}{5}$ |
| 46. $\frac{2}{3}y - 6 = 8$ | 47. $\frac{1}{5}a - \frac{1}{4} = \frac{1}{2}$ | 48. $\frac{1}{4}t + \frac{1}{6} = \frac{2}{3}$ |

Solve.

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| 49. $5 = \frac{2}{3}(10 - i) + 1$ | 50. $8 - \frac{3}{4}(9 - d) = 5$ |
| 51. $3(k - 2) - 2(2 - 3k) = -10$ | 52. $5(6f - 1) - 4(3 - 4f) = 6$ |
| 53. $\frac{2}{5}(j - 4) + 2(j + 3) = -10$ | 54. $\frac{1}{2}(e + 5) + \frac{3}{4}(3 - e) = 5$ |
- C**
55. $6(1 - c) - 5(c + 1) + 2[(5 - 3c) + 3] = -34$
 56. $3(x - 1) - 2(1 - 3x) - 3[(6 + x) - 1] = -15$
 57. $3[5(4j - 3) - (5 - 8j)] + 2[2(5 - j) + 7] = -6$
 58. $4[2(q - 10) + 3q - 12] - 3[3(q - 5) - (4 - q)] = 17$
 59. $\frac{1}{3}(1 + p) - \frac{2}{3}[(2p + 7) - 3(p - 1)] = -7$
 60. $\frac{1}{2}[5 - 2(x - 3)] + \frac{1}{4}[(2 - x) - (3 - 2x)] = 5$

Written Exercises, pages 127-128

1. $\{1\}$ 3. $\{2, 4\}$ 5. $\{6\}$ 7. $\{-8\}$ 9. $\left\{-\frac{17}{2}\right\}$
11. $\left\{\frac{16}{3}\right\}$ 13. $\{9\}$ 15. $\left\{\frac{7}{3}\right\}$ 17. $\left\{\frac{41}{5}\right\}$ 19. $\left\{\frac{5}{6}\right\}$
21. $\{0\}$ 23. $\{3\}$ 25. $\left\{-\frac{14}{3}\right\}$ 27. $\{2\}$ 29. $\{12\}$
31. $\{-14\}$ 33. $\{3\}$ 35. $\{4\}$ 37. $\{-6\}$ 39. $\{6\}$
41. $\{17\}$ 43. $\{15\}$ 45. $\left\{\frac{17}{4}\right\}$ 47. $\left\{\frac{15}{4}\right\}$ 49. $\{4\}$
51. $\{0\}$ 53. $\{-6\}$ 55. $\{3\}$ 57. $\left\{\frac{1}{4}\right\}$ 59. $\left\{-\frac{2}{3}\right\}$