Practice 3-6   Solving Multi-Step Equations

Solve each equation. Check the solution.

1. $2x - 3 + 4x = 39$

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2. $0.7w + 16 + 4w = 27.28$

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3. $-6(m + 1) = 24$

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4. $\frac{2}{3}(k - 8) = 52$

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5. $4(1.5c + 6) - 2c = -9$

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6. $0.5n + 17 + n = 20$

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7. $2(2.5b - 9) + 6b = -7$

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8. $3(\frac{3}{4}a + 3) + 6 = 87$

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9. $20 = -4(f + 6) + 14$

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10. $9a - 4 + 3(a - 11) = 23$

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11. You want to join the tennis team. You go to the sporting goods store with $100. If the tennis racket you want costs $80 and the tennis balls cost $4 per can, how many cans of tennis balls can you buy?

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12. Johnny wants to ship a package to his friend. A shipping company charges $2.49 for the first pound and $1.24 for each additional pound. If it cost Johnny $11.17 to ship the package, how much did his package weigh?

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