2-3 **Practice**   *Form G*

Solve each equation. Check your answer.

1. $19 - h - h = -13$ **2.** $14 + 6a - 8 = 18$ **3.** $25 = 7 + 3k - 12$

4. $5n - 16 - 8n = -10$ **5.** $42j + 18 - 19j = -28$

Write an equation to model each situation. Then solve the equation.

6. General admission tickets to the fair cost $3.50 per person. Ride passes cost an additional $5.50 per person. Parking costs $6 for the family. The total costs for ride passes and parking was $51. How many people in the family attended the fair?

Solve each equation. Check your answer.

7. $6(3m + 5) = 66$ **8.** $-15 = 5(3q - 10) - 5q$ **9.** $-5(x - 3) = -25$

10. $42 = 3(2 - 3h)$ **11.** $-10 = 5(2w - 4)$

2-4   **Practice**   *Form G*

Solve each equation. Check your answer.

1. $3n + 2 = -2n - 8$ **2.** $8b - 7 = 7b - 2$ **3.** $-12 + 5k = 15 - 4k$

4. $-q - 11 = 2q + 4$ **5.** $4t + 9 = -8t - 13$ **6.** $22p + 11 = 4p - 7$

7. $17 - 9y = -3 + 16y$ **8.** $15m + 22 = -7m + 18$ **9.** $3x + 7 = 14 + 3x$

Solve each equation. Choose the method you prefer to use. Check your answer.

10. $\dfrac{b}{9} - \dfrac{1}{2} = \dfrac{5}{18}$ **11.** $\dfrac{g}{5} + \dfrac{5}{6} = 6$

12. $-4.2 = 9.1x + 23.1$ **13.** $11.3 - 7.2f = -3.82$

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