

Worksheet 2-1/2-2

Solve each equation. Check your solution.

1. $3g = 18$

2. $9 = 4a + 13$

3. $13 = \frac{1}{5}m$

4. $10 = \frac{z}{2}$

5. $4 - 3y = 31$

6. $15 - 2b = -9$

7. $-\frac{1}{3}y - 6 = -11$

8. $16 - \frac{r}{7} = 21$

9. $-18 = 9x - 9$

10. $6 + \frac{n}{5} = -4$

11. $\frac{1}{6}a + 6 = -18$

12. $a + 7 = 16$

13. **SHOPPING** Mrs. Williams shops at a store that has an annual membership fee of \$30. Today she paid her annual membership and bought several fruit baskets costing \$15 each as gifts for her coworkers. Her total was \$105. Solve the equation $15b + 30 = 105$ to find the number of fruit baskets Mrs. Williams purchased.

14. **GAMES** A card game has 50 cards. After dealing 7 cards to each player, Tupi has 15 cards left over. Solve the equation $50 - 7p = 15$ to find the number of players.