Solving Two Step Equations - Essential **Answers**

Solve the equations.

1. $2x + 1 = 7$

   $2x = 6$

   $x = 3$

2. $4x + 6 = 10$

   $4x = 4$

   $x = 1$

3. $3x + 1 = 13$

   $3x = 12$

   $x = 4$

4. $2x - 4 = 10$

   $2x = 14$

   $x = 7$

5. $5x - 2 = 18$

   $5x = 20$

   $x = 4$

6. $10x - 1 = 49$

   $10x = 50$

   $x = 5$

7. $\frac{20}{x} = 4$

   $20 = 4x$

   $x = 5$

8. $5 + 2x = 7$

   $2x = 2$

   $x = 1$

9. $\frac{2x}{8} = 4$

   $2x = 32$

   $x = 16$

10. $\frac{5x}{10} = 6$

    $5x = 60$

    $x = 12$

11. $5x + 3 = 19$

    $5x = 16$

    $x = 3.2$

12. $8x - 6 = 40$

    $8x = 46$

    $x = 5.75$

13. $8 + 2x = 17$

    $2x = 9$

    $x = 4.5$

14. $\frac{2}{x} = 4$

    $2 = 4x$

    $x = 0.5$ or $\frac{1}{2}$

15. $5 - x = 2$

    $-x = -3$

    $x = 3$