Solving Equations with Variables on Both Sides

1. $15x - 55 = 7x - 23$

2. $24x - 70 = 12x - 10$

3. $28x - 45 = 15x - 6$

4. $15x + 18 = 10x + 53$

5. $18x = 12x + 48$

6. $26x - 78 = 16x - 18$

7. $15x + 13 = 11x + 45$

8. $20x - 27 = 12x - 11$

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9. $20x = 15x + 60$

10. $19x - 173 = 5x - 5$

Solving Equations with Variables on Both Sides - Answer Key

1. $15x - 55 = 7x - 23$
   $x = 4$

2. $24x - 70 = 12x - 10$
   $x = 5$

3. $28x - 45 = 15x - 6$
   $x = 3$

4. $15x + 18 = 10x + 53$
   $x = 7$

5. $18x = 12x + 48$
   $x = 8$

6. $26x - 78 = 16x - 18$
   $x = 6$

7. $15x + 13 = 11x + 45$
   $x = 8$

8. $20x - 27 = 12x - 11$
   $x = 2$

9. $20x = 15x + 60$

   $x = 12$

10. $19x - 173 = 5x - 5$

    $x = 12$