



Name: _____

Date: _____

Algebra 1 – Unit 2 – Solving Equations with Variables on Both Sides (Media)

1. $6x + 2 = 4x + 32$

6. $7x + 15 = 4x + 72$

2. $5x - 2 = 3x + 8$

7. $5x + 6 = 3x + 12$

3. $5x - 5 = 2x + 17$

8. $10x + 11 = 5x + 76$

4. $6x + 2 = 3x + 14$

9. $5x + 3 = 2x + 12$

5. $8x - 7 = 6x + 29$

10. $7x - 3 = 3x + 23$



Unit 2 – Solving Equations with Variables on Both Sides (Medium) – A

1. $6x + 2 = 4x + 32$

$x = 15$

6. $7x + 15 = 4x + 72$

$x = 19$

2. $5x - 2 = 3x + 8$

$x = 3$

7. $5x + 6 = 3x + 12$

$x = 3$

3. $5x - 5 = 2x + 17$

$x = 4$

8. $10x + 11 = 5x + 76$

$x = 13$

4. $6x + 2 = 3x + 14$

$x = 4$

9. $5x + 3 = 2x + 12$

$x = 3$

5. $8x - 7 = 6x + 29$

$x = 11$

10. $7x - 3 = 3x + 23$

$x = 5$