



Name: _____

Date: _____

Chapter 1 – Unit 2 – Solving Equations with Variables on Both Sides (Challenge)

1. $4(x - 6) = 2(x + 2)$

6. $11x + 29 = 3x + 125$

2. $3(x - 5) = 2(x + 4)$

7. $3(x - 4) = 2(x + 5)$

3. $28x - 96 = 17x - 19$

8. $15x + 11 = 11x + 71$

4. $15x = 7x + 64$

9. $21x - 107 = 8x - 16$

5. $4(x - 10) = 2(x + 5)$

10. $17x = 12x + 60$



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

1. $4(x - 6) = 2(x + 2)$

$x = 14$

6. $11x + 29 = 3x + 125$

$x = 12$

2. $3(x - 5) = 2(x + 4)$

$x = 23$

7. $3(x - 4) = 2(x + 5)$

$x = 22$

3. $28x - 96 = 17x - 19$

$x = 7$

8. $15x + 11 = 11x + 71$

$x = 15$

4. $15x = 7x + 64$

$x = 8$

9. $21x - 107 = 8x - 16$

$x = 7$

5. $4(x - 10) = 2(x + 5)$

$x = 25$

10. $17x = 12x + 60$

$x = 12$