



Name: _____

Date: _____

Fresh
Math

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

1. $13x + 23 = 6x + 93$

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

3. $15x = 7x + 72$

4. $15x + 19 = 10x + 79$

5. $14x + 22 = 8x + 106$

6. $22x - 144 = 9x - 14$

7. $3(4x + 8) = 2(x + 37)$

8. $30x - 106 = 20x - 6$



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

1. $13x + 23 = 6x + 93$

$x = 10$

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

$x = 12$

3. $15x = 7x + 72$

$x = 9$

4. $15x + 19 = 10x + 79$

$x = 12$

5. $14x + 22 = 8x + 106$

$x = 14$

6. $22x - 144 = 9x - 14$

$x = 10$

7. $3(4x + 8) = 2(x + 37)$

$x = 5$

8. $30x - 106 = 20x - 6$

$x = 10$