



Name: _____

Date: _____

Fresh
Math

Algebra 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) -

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

$$x = 14$$

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

$$x = 12$$

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

$$x = 23$$

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

$$x = 22$$

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

$$x = 7$$

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

$$x = 15$$

$$4. 15x = 7x + 64$$

$$x = 8$$

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

$$x = 7$$

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

$$x = 25$$

$$10. 17x = 12x + 60$$

$$x = 12$$