



Name: _____

Date: _____

Fresh
Math

Algebra 1 – Unit 2 – Linear Equations (Challenge)

$$1. 3x - 6 = 4x + 1$$

$$6. 7x - 2 = 2x - 7$$

$$2. 2x - 11 = 8x + 25$$

$$7. 6x + 15 = 1x + 10$$

$$3. 9x + 11 = 8x - 7$$

$$8. 7x - 5 = 3x + 27$$

$$4. 2x - 14 = 9x - 147$$

$$9. 10x + 6 = 1x + 87$$

$$5. 7x - 7 = 2x + 43$$

$$10. 5x + 11 = 3x + 43$$



Algebra 1 – Unit 2 – Linear Equations (Challenge) – Answer Key

$$1. 3x - 6 = 4x + 1$$

$$x = -7$$

$$6. 7x - 2 = 2x - 7$$

$$x = -1$$

$$2. 2x - 11 = 8x + 25$$

$$x = -6$$

$$7. 6x + 15 = 1x + 10$$

$$x = -1$$

$$3. 9x + 11 = 8x - 7$$

$$x = -18$$

$$8. 7x - 5 = 3x + 27$$

$$x = 8$$

$$4. 2x - 14 = 9x - 147$$

$$x = 19$$

$$9. 10x + 6 = 1x + 87$$

$$x = 9$$

$$5. 7x - 7 = 2x + 43$$

$$x = 10$$

$$10. 5x + 11 = 3x + 43$$

$$x = 16$$