



Name: _____

Date: _____

Unit 2 – Linear Equations

1. $6x - 15 = 3$

2. $7x - 13 = -62$

3. $4x - 1 = 59$

4. $9x + 11 = 182$

5. $4x - 12 = 52$

6. $9x + 15 = 168$

7. $6x + 12 = 42$

8. $8x + 14 = -34$

9. $3x - 3 = -18$

10. $7x + 15 = 127$



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Unit 2 – Linear Equations

$$11. 9x + 12 = -6$$

$$12. 7x + 11 = 102$$

$$13. 8x + 5 = 141$$

$$14. 3x - 1 = 59$$

$$15. 6x - 5 = -23$$

$$16. 2x - 9 = -27$$



Unit 2 – Linear Equations – Answer Key

$$1. \ 6x - 15 = 3$$

$$x = 3$$

$$2. \ 7x - 13 = -62$$

$$x = -7$$

$$3. \ 4x - 1 = 59$$

$$x = 15$$

$$4. \ 9x + 11 = 182$$

$$x = 19$$

$$5. \ 4x - 12 = 52$$

$$x = 16$$

$$6. \ 9x + 15 = 168$$

$$x = 17$$

$$7. \ 6x + 12 = 42$$

$$x = 5$$

$$8. \ 8x + 14 = -34$$

$$x = -6$$

$$9. \ 3x - 3 = -18$$

$$x = -5$$

$$10. \ 7x + 15 = 127$$

$$x = 16$$



Unit 2 – Linear Equations – Answer Key

$$11. 9x + 12 = -6$$

$$x = -2$$

$$12. 7x + 11 = 102$$

$$x = 13$$

$$13. 8x + 5 = 141$$

$$x = 17$$

$$14. 3x - 1 = 59$$

$$x = 20$$

$$15. 6x - 5 = -23$$

$$x = -3$$

$$16. 2x - 9 = -27$$

$$x = -9$$