



Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Unit 2 – Linear Equations

1.  $8x - 10 = 2x + 104$

2.  $6x + 15 = 10x - 61$

3.  $5x + 11 = 6x + 14$

4.  $10x - 2 = 8x + 0$

5.  $6x - 14 = 8x - 18$

6.  $10x + 2 = 4x + 14$

7.  $9x - 5 = 6x - 32$

8.  $10x - 2 = 3x + 75$



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## Unit 2 – Linear Equations

9.  $7x + 4 = 5x + 2$

10.  $2x - 7 = 5x + 2$

11.  $8x + 6 = 9x + 5$

12.  $10x - 14 = 3x - 49$

13.  $3x + 6 = 4x - 11$

14.  $5x + 10 = 10x - 75$

15.  $6x + 6 = 4x - 6$

16.  $7x - 7 = 4x - 1$



## Unit 2 – Linear Equations – Answer Key

1.  $8x - 10 = 2x + 104$

$x = 19$

2.  $6x + 15 = 10x - 61$

$x = 19$

3.  $5x + 11 = 6x + 14$

$x = -3$

4.  $10x - 2 = 8x + 0$

$x = 1$

5.  $6x - 14 = 8x - 18$

$x = 2$

6.  $10x + 2 = 4x + 14$

$x = 2$

7.  $9x - 5 = 6x - 32$

$x = -9$

8.  $10x - 2 = 3x + 75$

$x = 11$



## Unit 2 – Linear Equations – Answer Key

9.  $7x + 4 = 5x + 2$

$x = -1$

10.  $2x - 7 = 5x + 2$

$x = -3$

11.  $8x + 6 = 9x + 5$

$x = 1$

12.  $10x - 14 = 3x - 49$

$x = -5$

13.  $3x + 6 = 4x - 11$

$x = 17$

14.  $5x + 10 = 10x - 75$

$x = 17$

15.  $6x + 6 = 4x - 6$

$x = -6$

16.  $7x - 7 = 4x - 1$

$x = 2$