



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

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

## Unit 2 – Equations

1. Find  $x$  if  $3x + 1 = 25$
2. Is  $x = 9$  a solution to  $2x + 3 = 21$ ?
3. Find  $x$  if  $4x + 5 = 41$
4. Find  $x$  if  $5x + 8 = 28$
5. Find  $x$  if  $5x + 7 = 17$
6. Is  $x = 4$  a solution to  $3x + 2 = 14$ ?
7. Find  $x$  if  $5x + 6 = 41$
8. Find  $x$  if  $3x + 10 = 34$
9. Find  $x$  if  $2x + 7 = 25$
10. Find  $x$  if  $6x + 3 = 15$



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## Unit 2 – Equations

11. Find  $x$  if  $x + 5 = 15$

12. Find  $x$  if  $4x + 6 = 38$

13. Find  $x$  if  $4x + 3 = 11$

14. Find  $x$  if  $x + 8 = 14$

15. Find  $x$  if  $x + 12 = 22$

16. Find  $x$  if  $x + 7 = 14$



## Unit 2 – Equations – Answer Key

1. Find  $x$  if  $3x + 1 = 25$

$$x = 8$$

2. Is  $x = 9$  a solution to  $2x + 3 = 21$ ?

$$x = 1$$

3. Find  $x$  if  $4x + 5 = 41$

$$x = 9$$

4. Find  $x$  if  $5x + 8 = 28$

$$x = 4$$

5. Find  $x$  if  $5x + 7 = 17$

$$x = 2$$

6. Is  $x = 4$  a solution to  $3x + 2 = 14$ ?

$$x = 1$$

7. Find  $x$  if  $5x + 6 = 41$

$$x = 7$$

8. Find  $x$  if  $3x + 10 = 34$

$$x = 8$$

9. Find  $x$  if  $2x + 7 = 25$

$$x = 9$$

10. Find  $x$  if  $6x + 3 = 15$

$$x = 2$$



## Unit 2 – Equations – Answer Key

11. Find  $x$  if  $x + 5 = 15$

$$x = 10$$

12. Find  $x$  if  $4x + 6 = 38$

$$x = 8$$

13. Find  $x$  if  $4x + 3 = 11$

$$x = 2$$

14. Find  $x$  if  $x + 8 = 14$

$$x = 6$$

15. Find  $x$  if  $x + 12 = 22$

$$x = 10$$

16. Find  $x$  if  $x + 7 = 14$

$$x = 7$$