Fresh
Math

# Unit 2 – Property of Equality

Identify the property of equality (Addition or Subtraction) used to solve each equation. Show your work.

1.  $x + 3 = 6$

Property:

2.  $x + 4 = 10$

Property:

3.  $x - 9 = 7$

Property:

4.  $x - 2 = 7$

Property:

5.  $x + 1 = 2$

Property:

6.  $x + 4 = 5$

Property:

7.  $x + 1 = 8$

Property:

8.  $x + 3 = 13$

Property:

9.  $x + 10 = 18$

Property:

10. $x + 7 = 16$

Property:

# Unit 2 – Property of Equality

Identify the property of equality (Addition or Subtraction) used to solve each equation. Show your work.

11. $x + 1 = 11$

Property:

12. $x + 6 = 13$

Property:

13. $x - 1 = 3$

Property:

14. $x - 4 = 8$

Property:

15. $x + 1 = 7$

Property:

16. $x + 5 = 6$

Property:

# Unit 2 - Property of Equality - Answer Key

1. $x + 3 = 6$

   Sub Property
   $x = 3$

2. $x + 4 = 10$

   Sub Property
   $x = 6$

3. $x - 9 = 7$

   Add Property
   $x = 16$

4. $x - 2 = 7$

   Add Property
   $x = 9$

5. $x + 1 = 2$

   Sub Property
   $x = 1$

6. $x + 4 = 5$

   Sub Property
   $x = 1$

7. $x + 1 = 8$

   Sub Property
   $x = 7$

8. $x + 3 = 13$

   Sub Property
   $x = 10$

9. $x + 10 = 18$

   Sub Property
   $x = 8$

10. $x + 7 = 16$

    Sub Property
    $x = 9$

# Unit 2 - Property of Equality - Answer Key

11. $x + 1 = 11$

Sub Property
$x = 10$

12. $x + 6 = 13$

Sub Property
$x = 7$

13. $x - 1 = 3$

Add Property
$x = 4$

14. $x - 4 = 8$

Add Property
$x = 12$

15. $x + 1 = 7$

Sub Property
$x = 6$

16. $x + 5 = 6$

Sub Property
$x = 1$