



Name: _____

Date: _____

Unit 2 – Property of Equality

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

1. $x - 12 = 14$

Property:

2. $x + 13 = 21$

Property:

3. $x - 12 = 13$

Property:

4. $x - 1 = 11$

Property:

5. $x - 7 = 14$

Property:

6. $x - 20 = 11$

Property:

7. $x - 1 = 10$

Property:

8. $x - 20 = 17$

Property:

9. $x - 2 = 18$

Property:

10. $x - 3 = 2$

Property:



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Unit 2 – Property of Equality

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

11. $x + 16 = 22$

Property:

12. $x - 5 = 18$

Property:

13. $x + 10 = 12$

Property:

14. $x - 18 = 15$

Property:

15. $x + 14 = 33$

Property:

16. $x + 18 = 26$

Property:



Unit 2 – Property of Equality – Answer Key

1. $x - 12 = 14$

Add Property

$x = 26$

2. $x + 13 = 21$

Sub Property

$x = 8$

3. $x - 12 = 13$

Add Property

$x = 25$

4. $x - 1 = 11$

Add Property

$x = 12$

5. $x - 7 = 14$

Add Property

$x = 21$

6. $x - 20 = 11$

Add Property

$x = 31$

7. $x - 1 = 10$

Add Property

$x = 11$

8. $x - 20 = 17$

Add Property

$x = 37$

9. $x - 2 = 18$

Add Property

$x = 20$

10. $x - 3 = 2$

Add Property

$x = 5$



Unit 2 – Property of Equality – Answer Key

11. $x + 16 = 22$

Sub Property
 $x = 6$

12. $x - 5 = 18$

Add Property
 $x = 23$

13. $x + 10 = 12$

Sub Property
 $x = 2$

14. $x - 18 = 15$

Add Property
 $x = 33$

15. $x + 14 = 33$

Sub Property
 $x = 19$

16. $x + 18 = 26$

Sub Property
 $x = 8$