



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

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

## Unit 2 – Property of Equality

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

1.  $\frac{x}{2} = 6$

Property:

2.  $\frac{x}{3} = 4$

Property:

3.  $\frac{x}{2} = 3$

Property:

4.  $\frac{x}{4} = 5$

Property:

5.  $4x = 4$

Property:

6.  $4x = 24$

Property:

7.  $\frac{x}{4} = 2$

Property:

8.  $5x = 40$

Property:

9.  $\frac{x}{4} = 1$

Property:

10.  $2x = 16$

Property:



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

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## Unit 2 – Property of Equality

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

11.  $2x = 8$

Property:

12.  $\frac{x}{3} = 5$

Property:

13.  $\frac{x}{2} = 6$

Property:

14.  $3x = 12$

Property:

15.  $\frac{x}{2} = 7$

Property:

16.  $4x = 20$

Property:



## Unit 2 – Property of Equality – Answer Key

1.  $\frac{x}{2} = 6$

Mult Property  
 $x = 12$

2.  $\frac{x}{3} = 4$

Mult Property  
 $x = 12$

3.  $\frac{x}{2} = 3$

Mult Property  
 $x = 6$

4.  $\frac{x}{4} = 5$

Mult Property  
 $x = 20$

5.  $4x = 4$

Div Property  
 $x = 1$

6.  $4x = 24$

Div Property  
 $x = 6$

7.  $\frac{x}{4} = 2$

Mult Property  
 $x = 8$

8.  $5x = 40$

Div Property  
 $x = 8$

9.  $\frac{x}{4} = 1$

Mult Property  
 $x = 4$

10.  $2x = 16$

Div Property  
 $x = 8$



## Unit 2 – Property of Equality – Answer Key

11.  $2x = 8$

Div Property  
 $x = 4$

12.  $\frac{x}{3} = 5$

Mult Property  
 $x = 15$

13.  $\frac{x}{2} = 6$

Mult Property  
 $x = 12$

14.  $3x = 12$

Div Property  
 $x = 4$

15.  $\frac{x}{2} = 7$

Mult Property  
 $x = 14$

16.  $4x = 20$

Div Property  
 $x = 5$