



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

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

## Algebra 1 – Unit 2 – Property of Equality (mult/div) (Medium)

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

1.  $9x = 72$

Property:

2.  $\frac{x}{9} = 9$

Property:

3.  $\frac{x}{10} = 4$

Property:

4.  $3x = 33$

Property:

5.  $9x = 135$

Property:

6.  $5x = 65$

Property:

7.  $\frac{x}{10} = 11$

Property:

8.  $7x = 70$

Property:

9.  $5x = 45$

Property:

10.  $2x = 30$

Property:



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## Algebra 1 – Unit 2 – Property of Equality (mult/div) (Medium)

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

11.  $\frac{x}{9} = 15$

Property:

12.  $\frac{x}{6} = 5$

Property:

13.  $\frac{x}{4} = 16$

Property:

14.  $\frac{x}{2} = 11$

Property:

15.  $4x = 56$

Property:

16.  $\frac{x}{5} = 19$

Property:



# Algebra 1 – Unit 2 – Property of Equality (mult/div) (Medium) – Answer Key

1.  $9x = 72$

Div Property  
 $x = 8$

2.  $\frac{x}{9} = 9$

Mult Property  
 $x = 81$

3.  $\frac{x}{10} = 4$

Mult Property  
 $x = 40$

4.  $3x = 33$

Div Property  
 $x = 11$

5.  $9x = 135$

Div Property  
 $x = 15$

6.  $5x = 65$

Div Property  
 $x = 13$

7.  $\frac{x}{10} = 11$

Mult Property  
 $x = 110$

8.  $7x = 70$

Div Property  
 $x = 10$

9.  $5x = 45$

Div Property  
 $x = 9$

10.  $2x = 30$

Div Property  
 $x = 15$



# Algebra 1 – Unit 2 – Property of Equality (mult/div) (Medium) – Answer Key

11.  $\frac{x}{9} = 15$

Mult Property  
 $x = 135$

12.  $\frac{x}{6} = 5$

Mult Property  
 $x = 30$

13.  $\frac{x}{4} = 16$

Mult Property  
 $x = 64$

14.  $\frac{x}{2} = 11$

Mult Property  
 $x = 22$

15.  $4x = 56$

Div Property  
 $x = 14$

16.  $\frac{x}{5} = 19$

Mult Property  
 $x = 95$