



Name: _____

Date: _____

Unit 2 – Property of Equality

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

1. $\frac{x}{9} = 32$

Property:

2. $\frac{x}{9} = 14$

Property:

3. $\frac{x}{2} = 26$

Property:

4. $9x = 369$

Property:

5. $8x = 88$

Property:

6. $\frac{x}{8} = 35$

Property:

7. $\frac{x}{15} = 49$

Property:

8. $\frac{x}{5} = 7$

Property:

9. $\frac{x}{8} = 15$

Property:

10. $\frac{x}{12} = 27$

Property:



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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. $10x = 220$

Property:

12. $20x = 960$

Property:

13. $\frac{x}{10} = 13$

Property:

14. $\frac{x}{6} = 15$

Property:

15. $\frac{x}{3} = 11$

Property:

16. $2x = 42$

Property:



Unit 2 – Property of Equality – Answer Key

1. $\frac{x}{9} = 32$

Mult Property
 $x = 288$

2. $\frac{x}{9} = 14$

Mult Property
 $x = 126$

3. $\frac{x}{2} = 26$

Mult Property
 $x = 52$

4. $9x = 369$

Div Property
 $x = 41$

5. $8x = 88$

Div Property
 $x = 11$

6. $\frac{x}{8} = 35$

Mult Property
 $x = 280$

7. $\frac{x}{15} = 49$

Mult Property
 $x = 735$

8. $\frac{x}{5} = 7$

Mult Property
 $x = 35$

9. $\frac{x}{8} = 15$

Mult Property
 $x = 120$

10. $\frac{x}{12} = 27$

Mult Property
 $x = 324$



Unit 2 – Property of Equality – Answer Key

11. $10x = 220$

Div Property
 $x = 22$

12. $20x = 960$

Div Property
 $x = 48$

13. $\frac{x}{10} = 13$

Mult Property
 $x = 130$

14. $\frac{x}{6} = 15$

Mult Property
 $x = 90$

15. $\frac{x}{3} = 11$

Mult Property
 $x = 33$

16. $2x = 42$

Div Property
 $x = 21$