



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:



Name: _____

Date: _____

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
 $x = 21$