



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:



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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
 $x = 5$