



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
 $x = 95$