



Name: _____

Date: _____

Unit 2 – Property of Equality

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

1. $10x = 140$

Property:

2. $10x = 170$

Property:

3. $\frac{x}{6} = 4$

Property:

4. $\frac{x}{10} = 6$

Property:

5. $\frac{x}{6} = 4$

Property:

6. $2x = 18$

Property:

7. $4x = 72$

Property:

8. $8x = 152$

Property:

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

Property:

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

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.

$$11. \frac{x}{5} = 16$$

Property:

$$12. 10x = 60$$

Property:

$$13. 4x = 4$$

Property:

$$14. \frac{x}{3} = 7$$

Property:

$$15. \frac{x}{5} = 19$$

Property:

$$16. 5x = 5$$

Property:



Unit 2 – Property of Equality – Answer Key

$$1. \ 10x = 140$$

Div Property
 $x = 14$

$$2. \ 10x = 170$$

Div Property
 $x = 17$

$$3. \ \frac{x}{6} = 4$$

Mult Property
 $x = 24$

$$4. \ \frac{x}{10} = 6$$

Mult Property
 $x = 60$

$$5. \ \frac{x}{6} = 4$$

Mult Property
 $x = 24$

$$6. \ 2x = 18$$

Div Property
 $x = 9$

$$7. \ 4x = 72$$

Div Property
 $x = 18$

$$8. \ 8x = 152$$

Div Property
 $x = 19$

$$9. \ \frac{x}{10} = 3$$

Mult Property
 $x = 30$

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

Mult Property
 $x = 130$



Unit 2 – Property of Equality – Answer Key

$$11. \frac{x}{5} = 16$$

Mult Property
 $x = 80$

$$12. 10x = 60$$

Div Property
 $x = 6$

$$13. 4x = 4$$

Div Property
 $x = 1$

$$14. \frac{x}{3} = 7$$

Mult Property
 $x = 21$

$$15. \frac{x}{5} = 19$$

Mult Property
 $x = 95$

$$16. 5x = 5$$

Div Property
 $x = 1$