



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
 $x = 1$