



Name: _____

Date: _____

Property of Equality (mult/div)

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

1. $\frac{x}{8} = 14$

Property:

6. $15x = 15$

Property:

2. $10x = 450$

Property:

7. $20x = 20$

Property:

3. $\frac{x}{2} = 21$

Property:

8. $9x = 126$

Property:

4. $\frac{x}{5} = 27$

Property:

9. $\frac{x}{4} = 16$

Property:

5. $8x = 272$

Property:

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

Property:



Property of Equality (mult/div) – Answer Key

1. $\frac{x}{8} = 14$

6. $15x = 15$

Property: Multiplication Property ($x = 112$) Property: Division Property ($x = 1$)

2. $10x = 450$

7. $20x = 20$

Property: Division Property ($x = 45$) Property: Division Property ($x = 1$)

3. $\frac{x}{2} = 21$

8. $9x = 126$

Property: Multiplication Property ($x = 42$) Property: Division Property ($x = 14$)

4. $\frac{x}{5} = 27$

9. $\frac{x}{4} = 16$

Property: Multiplication Property ($x = 135$) Property: Multiplication Property ($x = 64$)

5. $8x = 272$

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

Property: Division Property ($x = 34$) Property: Multiplication Property ($x = 36$)