



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.  $10x = 450$

7.  $20x = 20$

Property:

Property:

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

8.  $9x = 126$

Property:

Property:

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

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

Property:

Property:

5.  $8x = 272$

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

Property:

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 ( $x = 36$ )