



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.  $\frac{x}{7} = 13$

Property:

6.  $4x = 80$

Property:

2.  $\frac{x}{9} = 19$

Property:

7.  $\frac{x}{10} = 20$

Property:

3.  $\frac{x}{6} = 16$

Property:

8.  $\frac{x}{7} = 20$

Property:

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

Property:

9.  $\frac{x}{6} = 8$

Property:

5.  $6x = 54$

Property:

10.  $4x = 20$

Property:



# Algebra 1 – Unit 2 – Property of Equality (mult/div) (Medium) – Answer Key

1.  $\frac{x}{7} = 13$

6.  $4x = 80$

Property: Multiplication Property ( $x = 91$ ) Property: Division Property ( $x = 20$ )

2.  $\frac{x}{9} = 19$

7.  $\frac{x}{10} = 20$

Property: Multiplication Property ( $x = 171$ ) Property: Multiplication Property ( $x = 200$ )

3.  $\frac{x}{6} = 16$

8.  $\frac{x}{7} = 20$

Property: Multiplication Property ( $x = 96$ ) Property: Multiplication Property ( $x = 140$ )

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

9.  $\frac{x}{6} = 8$

Property: Multiplication Property ( $x = 100$ ) Property: Multiplication Property ( $x = 48$ )

5.  $6x = 54$

10.  $4x = 20$

Property: Division Property ( $x = 9$ )

Property: Division Property ( $x = 5$ )