



Name: _____

Date: _____

Unit 2 – Property of Equality

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

1. $2x + 79 = 163$

Property:

2. $4x + 23 = 59$

Property:

3. $3x + 10 = 136$

Property:

4. $3x + 10 = 109$

Property:

5. $3x - 67 = 38$

Property:

6. $4x - 57 = -49$

Property:

7. $2x + 78 = 100$

Property:

8. $4x - 12 = 52$

Property:



Unit 2 – Property of Equality – Answer Key

1. $2x + 79 = 163$

Sub+Div Property

$x = 42$

2. $4x + 23 = 59$

Sub+Div Property

$x = 9$

3. $3x + 10 = 136$

Sub+Div Property

$x = 42$

4. $3x + 10 = 109$

Sub+Div Property

$x = 33$

5. $3x - 67 = 38$

Add+Div Property

$x = 35$

6. $4x - 57 = -49$

Add+Div Property

$x = 2$

7. $2x + 78 = 100$

Sub+Div Property

$x = 11$

8. $4x - 12 = 52$

Add+Div Property

$x = 16$