



Name: _____

Date: _____

Property of Equality (add/subtract)

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

1. $x - 11 = 28$

Property:

6. $x + 7 = 20$

Property:

2. $x + 10 = 14$

Property:

7. $x + 47 = 95$

Property:

3. $x - 29 = 16$

Property:

8. $x + 12 = 42$

Property:

4. $x - 1 = 10$

Property:

9. $x - 44 = 24$

Property:

5. $x - 12 = 26$

Property:

10. $x + 6 = 49$

Property:



Property of Equality (add/subtract) – Answer Key

$$1. \ x - 11 = 28$$

Property: Addition Property ($x = 39$)

$$6. \ x + 7 = 20$$

Property: Subtraction Property ($x = 13$)

$$2. \ x + 10 = 14$$

Property: Subtraction Property ($x = 4$)

$$7. \ x + 47 = 95$$

Property: Subtraction Property ($x = 48$)

$$3. \ x - 29 = 16$$

Property: Addition Property ($x = 45$)

$$8. \ x + 12 = 42$$

Property: Subtraction Property ($x = 30$)

$$4. \ x - 1 = 10$$

Property: Addition Property ($x = 11$)

$$9. \ x - 44 = 24$$

Property: Addition Property ($x = 68$)

$$5. \ x - 12 = 26$$

Property: Addition Property ($x = 38$)

$$10. \ x + 6 = 49$$

Property: Subtraction Property ($x = 43$)