



Name: _____

Date: _____

Property of Equality (add/subtract)

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

1. $x - 4 = 7$

Property:

6. $x + 17 = 25$

Property:

2. $x - 5 = 5$

7. $x - 15 = 13$

Property:

Property:

3. $x - 6 = 2$

8. $x + 13 = 31$

Property:

Property:

4. $x + 6 = 8$

9. $x - 6 = 8$

Property:

Property:

5. $x - 18 = 20$

10. $x + 11 = 29$

Property:

Property:



Property of Equality (add/subtract) – Answer Key

$$1. \quad x - 4 = 7$$

Property: Addition Property ($x = 11$)

$$6. \quad x + 17 = 25$$

Property: Subtraction Property ($x = 8$)

$$2. \quad x - 5 = 5$$

Property: Addition Property ($x = 10$)

$$7. \quad x - 15 = 13$$

Property: Addition Property ($x = 28$)

$$3. \quad x - 6 = 2$$

Property: Addition Property ($x = 8$)

$$8. \quad x + 13 = 31$$

Property: Subtraction Property ($x = 18$)

$$4. \quad x + 6 = 8$$

Property: Subtraction Property ($x = 2$)

$$9. \quad x - 6 = 8$$

Property: Addition Property ($x = 14$)

$$5. \quad x - 18 = 20$$

Property: Addition Property ($x = 38$)

$$10. \quad x + 11 = 29$$

Property: Subtraction Property ($x = 18$)