



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. $x - 5 = 5$

Property:

7. $x - 15 = 13$

Property:

3. $x - 6 = 2$

Property:

8. $x + 13 = 31$

Property:

4. $x + 6 = 8$

Property:

9. $x - 6 = 8$

Property:

5. $x - 18 = 20$

Property:

10. $x + 11 = 29$

Property:



Property of Equality (add/subtract) – Answer Key

1. $x - 4 = 7$

Property: Addition Property ($x = 11$)

6. $x + 17 = 25$

Property: Subtraction Property ($x = 8$)

2. $x - 5 = 5$

Property: Addition Property ($x = 10$)

7. $x - 15 = 13$

Property: Addition Property ($x = 28$)

3. $x - 6 = 2$

Property: Addition Property ($x = 8$)

8. $x + 13 = 31$

Property: Subtraction Property ($x = 18$)

4. $x + 6 = 8$

Property: Subtraction Property ($x = 2$)

9. $x - 6 = 8$

Property: Addition Property ($x = 14$)

5. $x - 18 = 20$

Property: Addition Property ($x = 38$)

10. $x + 11 = 29$

Property: Subtraction Property ($x = 18$)