



Name: _____

Date: _____

Properties_of_Equality - Medium (8 problems)

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

1. $x - 17 = 12$

Property:

2. $x - 16 = 8$

Property:

3. $x - 1 = 4$

Property:

4. $x - 2 = 14$

Property:

5. $x + 3 = 12$

Property:

6. $x + 1 = 13$

Property:

7. $x - 18 = 10$

Property:

8. $x + 13 = 32$

Property:



Properties_of_Equality – Medium (8 problems) – Answer Key

1. $x - 17 = 12$

Property: Addition Property ($x = 29$)

2. $x - 16 = 8$

Property: Addition Property ($x = 24$)

3. $x - 1 = 4$

Property: Addition Property ($x = 5$)

4. $x - 2 = 14$

Property: Addition Property ($x = 16$)

5. $x + 3 = 12$

Property: Subtraction Property ($x = 9$)

6. $x + 1 = 13$

Property: Subtraction Property ($x = 12$)

7. $x - 18 = 10$

Property: Addition Property ($x = 28$)

8. $x + 13 = 32$

Property: Subtraction Property ($x = 19$)