



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 ( $x = 19$ )