



Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Properties\_of\_Equality - Medium (10 problems)

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

1.  $x + 7 = 22$

Property:

2.  $x + 9 = 19$

Property:

3.  $x - 4 = 15$

Property:

4.  $x - 3 = 2$

Property:

5.  $x - 10 = 6$

Property:

6.  $x + 15 = 22$

Property:

7.  $x + 12 = 23$

Property:

8.  $x - 19 = 14$

Property:

9.  $x - 3 = 2$

Property:

10.  $x + 20 = 29$

Property:



# Properties\_of\_Equality – Medium (10 problems) – Answer Key

1.  $x + 7 = 22$

2.  $x + 9 = 19$

Property: Subtraction Property ( $x = 15$ )    Property: Subtraction Property ( $x = 10$ )

3.  $x - 4 = 15$

4.  $x - 3 = 2$

Property: Addition Property ( $x = 19$ )

Property: Addition Property ( $x = 5$ )

5.  $x - 10 = 6$

6.  $x + 15 = 22$

Property: Addition Property ( $x = 16$ )

Property: Subtraction Property ( $x = 7$ )

7.  $x + 12 = 23$

8.  $x - 19 = 14$

Property: Subtraction Property ( $x = 11$ )    Property: Addition Property ( $x = 33$ )

9.  $x - 3 = 2$

10.  $x + 20 = 29$

Property: Addition Property ( $x = 5$ )

Property: Subtraction Property ( $x = 9$ )