



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

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

Fresh  
Math

# Algebra 1 – Unit 2 – Property of Equality (add/subtract) (Medium)

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

1.  $x - 8 = 2$

Property:

6.  $x + 12 = 14$

Property:

2.  $x - 17 = 8$

Property:

7.  $x - 17 = 7$

Property:

3.  $x + 1 = 20$

Property:

8.  $x + 13 = 15$

Property:

4.  $x - 13 = 7$

Property:

9.  $x - 13 = 17$

Property:

5.  $x - 3 = 19$

Property:

10.  $x - 12 = 4$

Property:



## Fractions 1 – Unit 2 – Property of Equality (add/subtract) (Medium) – Answer Key

1.  $x - 8 = 2$

Property: Addition Property ( $x = 10$ )

6.  $x + 12 = 14$

Property: Subtraction Property ( $x = 2$ )

2.  $x - 17 = 8$

Property: Addition Property ( $x = 25$ )

7.  $x - 17 = 7$

Property: Addition Property ( $x = 24$ )

3.  $x + 1 = 20$

Property: Subtraction Property ( $x = 19$ )      Property: Subtraction Property ( $x = 2$ )

8.  $x + 13 = 15$

4.  $x - 13 = 7$

Property: Addition Property ( $x = 20$ )

9.  $x - 13 = 17$

Property: Addition Property ( $x = 30$ )

5.  $x - 3 = 19$

Property: Addition Property ( $x = 22$ )

10.  $x - 12 = 4$

Property: Addition Property ( $x = 16$ )