



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:



ora 1 – Unit 2 – Property of Equality (add/subtract) (Medium) – Answer

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 ($x = 19$)

8. $x + 13 = 15$

Property: Subtraction Property ($x = 2$)

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 ($x = 16$)