



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 ($x = 9$)