



Name: _____

Date: _____

Properties_of_Equality – Medium (12 problems)

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

1. $x - 2 = 5$

Property:

2. $x + 16 = 27$

Property:

3. $x - 7 = 6$

Property:

4. $x + 20 = 28$

Property:

5. $x + 2 = 7$

Property:

6. $x - 14 = 10$

Property:

7. $x + 10 = 21$

Property:

8. $x - 18 = 6$

Property:

9. $x + 12 = 30$

Property:

10. $x + 17 = 24$

Property:



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Properties_of_Equality - Medium (12 problems)

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

11. $x + 20 = 24$

Property:

12. $x - 4 = 10$

Property:



Properties_of_Equality - Medium (12 problems) - Answer Key

1. $x - 2 = 5$

Property: Addition Property ($x = 7$)

2. $x + 16 = 27$

Property: Subtraction Property ($x = 11$)

3. $x - 7 = 6$

Property: Addition Property ($x = 13$)

4. $x + 20 = 28$

Property: Subtraction Property ($x = 8$)

5. $x + 2 = 7$

Property: Subtraction Property ($x = 5$)

6. $x - 14 = 10$

Property: Addition Property ($x = 24$)

7. $x + 10 = 21$

Property: Subtraction Property ($x = 11$)

8. $x - 18 = 6$

Property: Addition Property ($x = 24$)

9. $x + 12 = 30$

Property: Subtraction Property ($x = 18$)

10. $x + 17 = 24$

Property: Subtraction Property ($x = 7$)



Properties_of_Equality - Medium (12 problems) - Answer Key

11. $x + 20 = 24$

12. $x - 4 = 10$

Property: Subtraction Property ($x = 4$) Property: Addition Property ($x = 14$)