

Name

Ch 2 Practice Test Equations

Date

Definitions

1. Commutative Property – Addition
2. Associative Property – Multiplication
3. Distributive Property
4. Equation
5. Subtraction Property of Equality
6. Write the Order of Operations

7. Translate to math; three less than a number.

8. Identify the property that best describes the equation, $4(x + 2) = 4x + 8$

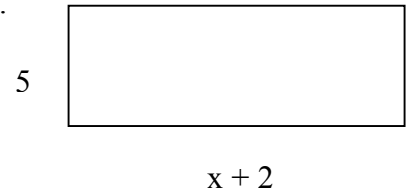
9. Identify the property that best describes the equation;
 $2 + (3x + 5) = (3x + 5) + 2$

10. What is the strategy for solving equations?

11. Evaluate the expression $\frac{1}{2}(2x + 4)$ when $x = -5$

12. Find the perimeter of a square whose sides are represented by $x + 2$ and simplify the expression.

13. Find the area of a rectangle and simplify the expression.



14. Simplify the expression; $3x + 5 + 4x$

15. Simplify the expression; $2a + 3b + 2 + 3a + 4b - 5$

16. Simplify the expression; $7p + 8 - 2(p - 3)$

17. Is 4 a solution to $9 - x = 11$?

18. Solve for x ; $x + 6 = 13$

19. Solve for y ; $-4y = -32$

20. Find the solution. $x + 4.5 = 3.75$