

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

# Algebra 1

1. A letter that stands in place of a value
  2. a phrase (or expression) that includes one or more variables
  3. a phrase (or expression) that only includes numbers and operations
  4. The number being multiplied (factor)
  5. expressions that have the same value for all values of the variables
  6. A number that shows repeated multiplication.
  7. To substitute a given number for each variable, and then simplify.
  8. Whole numbers and their opposites.
  9. A real number that can be written as a ratio of two integers. Rational numbers in decimal form are terminating or repeating.
  10. A number that cannot be written as a ratio of two integers, irrational numbers in decimal form are nonterminating and nonrepeating
  11. A number, variable, or the product or quotient of a number and one or more variables.
  12. A term that has no variable factor.
  13. The numerical factor when a term has a variable.
  14. A mathematical sentence that uses an equal sign.
  15. For every real number  $a$ ,  $b$ , and  $c$ :  $a(b + c) = ab + ac$   $(b + c)a = ba + ca$   
 $a(b - c) = ab - ac$   $(b - c)a = ba - ca$
  16. The distance that a number is from zero on a number line.
  17. A well-defined collection of elements.
  18. Numbers whose square roots are integers.
  19. To replace an expression with its simplest name or form.
  20. is a value that, when multiplied by itself, gives the number.
- A. Term
  - B. Equation
  - C. Set
  - D. equivalent expressions
  - E. Rational numbers
  - F. Exponent
  - G. Distributive property
  - H. Perfect squares
  - I. Irrational number
  - J. algebraic expression
  - K. Square root
  - L. Evaluate
  - M. Integers
  - N. base
  - O. numerical expression
  - P. Simplify
  - Q. Coefficient
  - R. Absolute value
  - S. variable
  - T. Constant