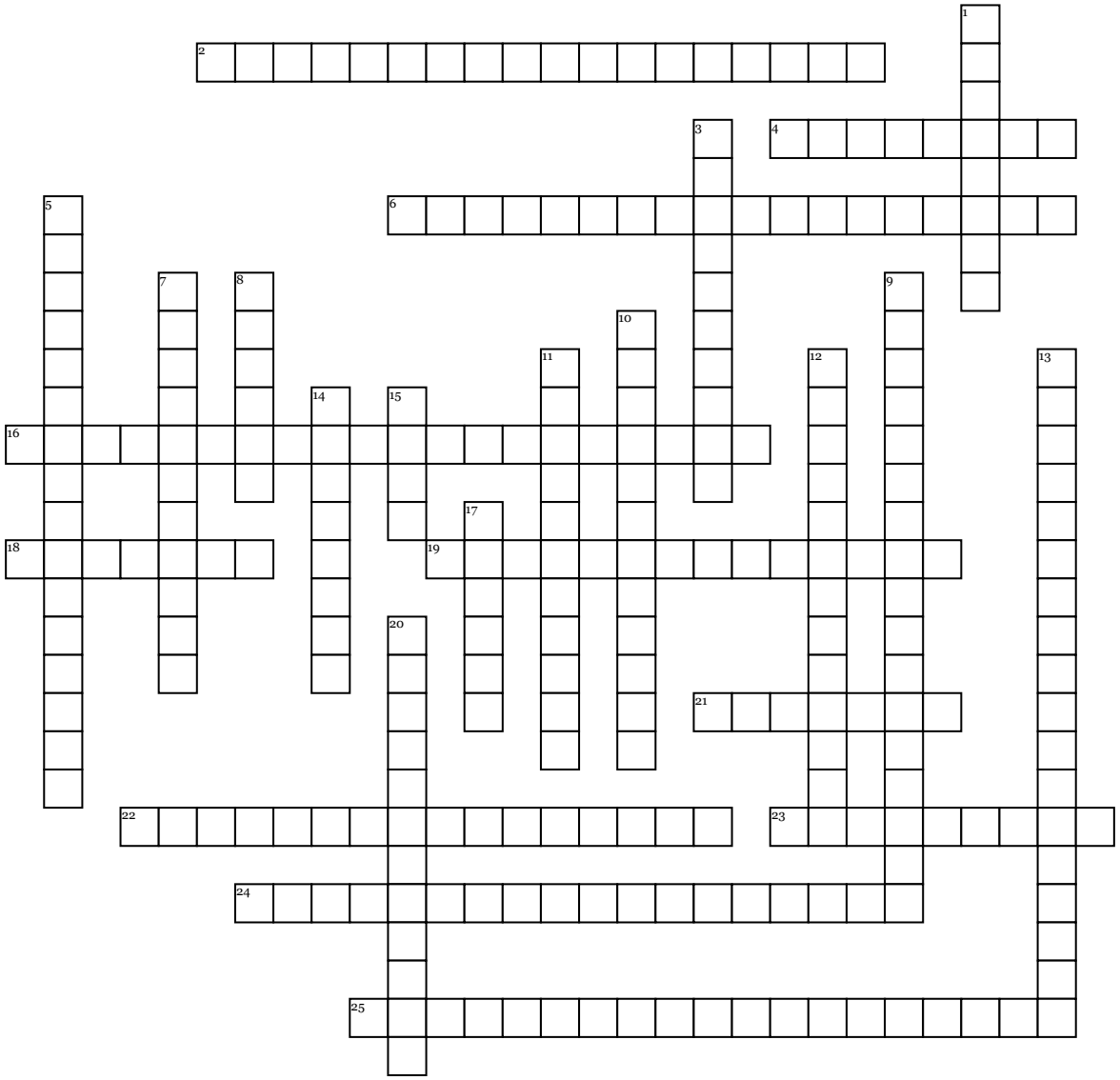
Name: _____ Date: _____

Algebra 1 Vocab



Across

2. in any right triangle, the sum of the squares of the lengths of the legs is equal to the square of the hypotenuse: a2 + b2 = c2

4. The number underneath the root symbol

6. the form of a polynomial that places the terms in descending exponent order

16. a monomial or the sum or difference of two or more monomials where the coefficients are real numbers

18. the branch of mathematics that deals with relationships between numbers, utilizing letters and other symbols to represent specific sets of numbers, or to describe a pattern of relationships between numbers

19. a real number that can be written as a ratio or quotient of two integers. Rational numbers in decimal form are terminating or repeating.

21. the set of numbers ...,-3, -2, -1, 0, 1, 2, 3, and so forth; whole numbers and their opposites

22. uses the symbol f(x) to replace y in the equation

23. the sum of the side lengths of a polygon

24. an algebraic expression with two unlike terms

25. an algebraic expression with three unlike terms

Down

1. the greatest volume that a container can hold

3. a mathematical phrase involving at least one variable and sometimes numbers and operation symbols

5. a number that cannot be written as the ratio or quotient of two integers. Irrational numbers in decimal form are non-terminating and non-repeating.

7. the set of rational and irrational numbers

8. the amount of space occupied by an object

9. an expression made up of a radical symbol and a radicand

10. a quantity that does not change; a term that has no variable

11. a number multiplied by a variable

12. the distance around a circle

13. an algebraic expression with one term

14. a letter or symbol used to represent a number

15. a number, a variable, or the product or quotient of numbers and variables

17. the numbers that are multiplied together to create the product

20. the numbers 0, 1, 2, 3, and so forth; the nonnegative integers