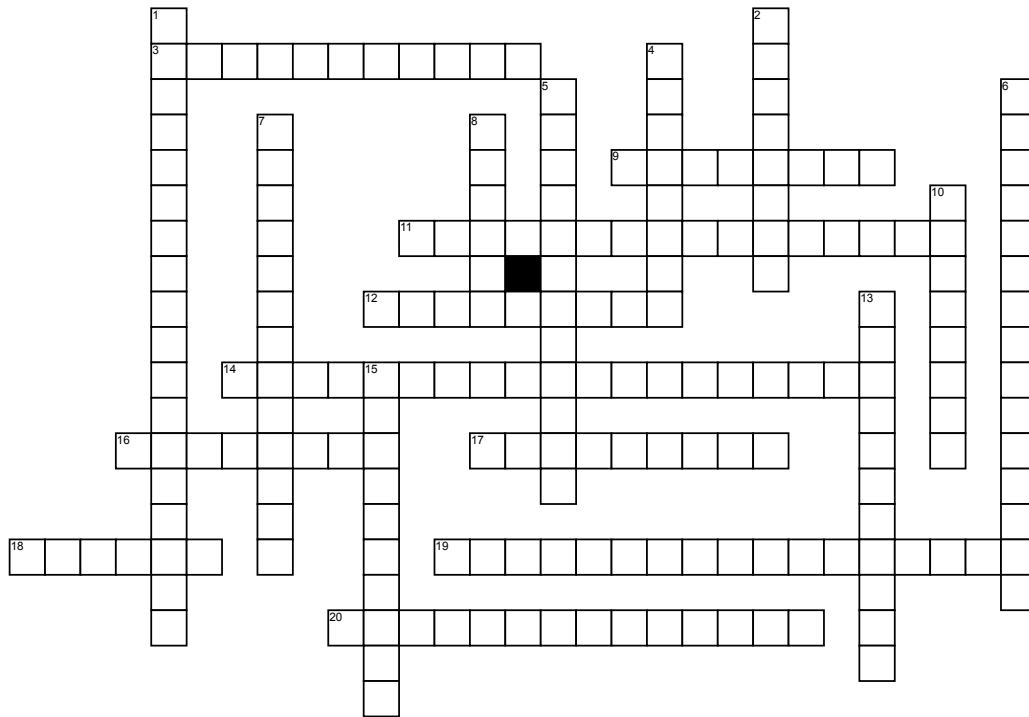


Name: _____

Date: _____

Algebra || Vocabulary Crossword



Across

- 3. the directions of a graph as you move away from the origin
- 9. a quantity whose value does not change
- 11. $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$
- 12. a polynomial of three terms
- 14. the input values of a function
- 16. a polynomial of two terms
- 17. number pairs where the sign of the radicals or the imaginary numbers are opposites
- 18. the highest power found in a polynomial
- 19. the output values in a function

- 20. a function whose graph is a line where the dependent variable is not raised to a power

Down

- 1. the coefficient of the term of highest degree in a polynomial
- 2. a relation in which each element in the domain corresponds with exactly one element in the range
- 4. a polynomial of one term
- 5. the value of the expression $b^2 - 4ac$ for a quadratic equation

- 6. any number of the form $a + bi$, where a and b are real numbers, b is not equal to zero, and i is the square root of -1

- 7. the real numbers AND the imaginary numbers
- 8. the set of all inputs in a relation
- 10. a symbol, usually a letter, that represents one or more numbers
- 13. the numerical factor in a term
- 15. an expression consisting of the sum of one or more terms in which each is the product of a constant and a variable raised to an integer power

Word Bank

- | | | | |
|--------------------|-------------------|---------------------|----------------------|
| complex number | discriminant | domain | independent variable |
| binomial | quadratic formula | leading coefficient | imaginary number |
| dependent variable | function | end behavior | conjugate |
| degree | trinomial | variable | polynomial |
| coefficient | linear function | monomial | constant |