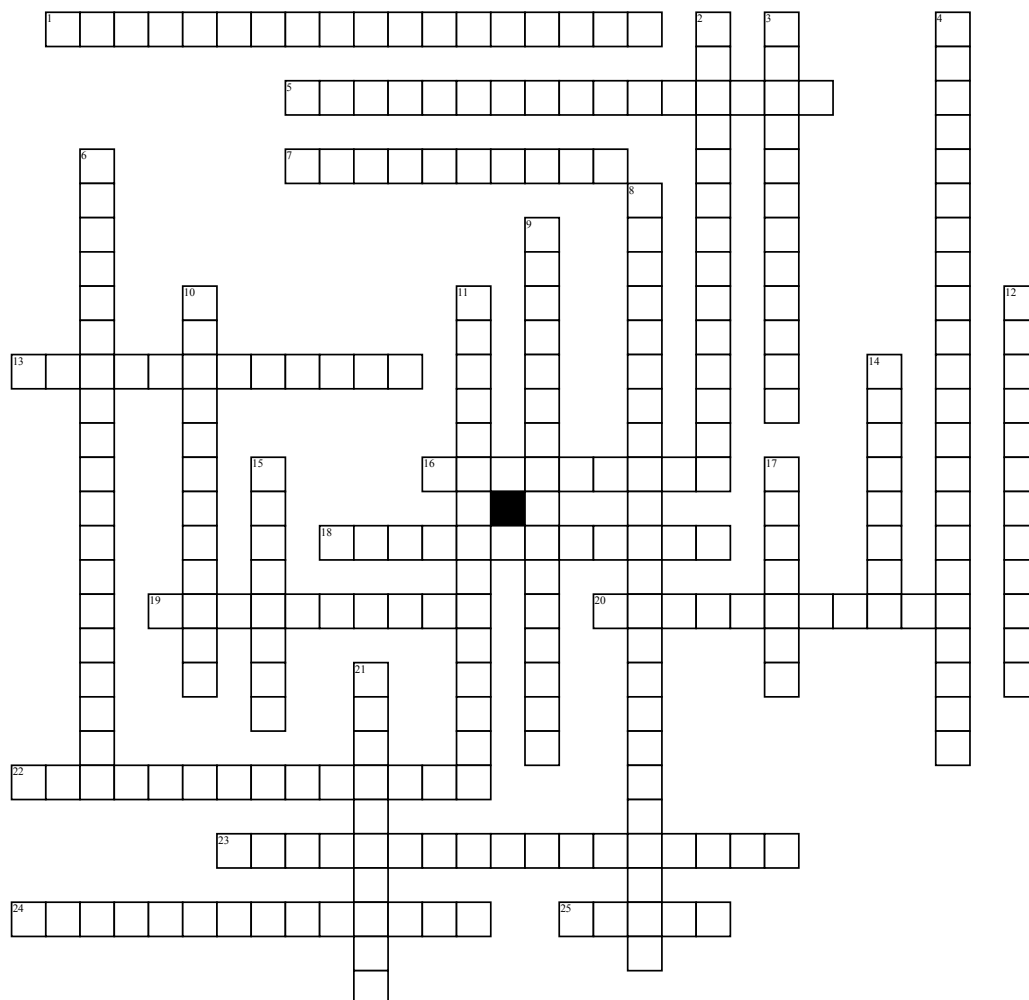


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Advance Algebra Vocabulary Crossword Puzzle



## Across

1. no solutions
5. A notation for representing an interval as a pair of numbers. The numbers are the endpoints of the interval. Parentheses and/or brackets are used to show whether the endpoints are excluded or included.
7. When numbers and variables are combined using the operations of arithmetic.
13.  $Ax + By = c$
16. Negative Infinity through infinity
18. "F of X"
19. the point where the graph crosses the y-axis
20. Represented by decimals

22. A function whose graph is a line or a part of a line
  23. PEMDAS (Left to Right)
  24. constant difference between successive terms
  25. Rate of change
- ## Down
2. 1 through infinity
  3. 1 through infinity of whole numbers
  4. Substituting the variables for numbers and calculating a result.
  6. When numbers and variables are combined using the operations of arithmetic.
  8. a graph described in sections
  9. one or more solutions

10. Variables stand for real numbers
11. Using a colon or arrow
12. The rate of change of velocity over time. For motion along the number line, acceleration is a scalar. For motion on a plane or through space, acceleration is a vector.
14. A symbol that can be replaced by any set of numbers or objects
15. A sentence stating two expressions are equal.
17. An equation stating that a single variable is equal to an expression with one or more different variables on the other side.
21. the point where the graph crosses the x-axis

## Word Bank

Natural Numbers	Standard form	Evaluating an expression	Linear sequence	Piecewise linear function
Equation	Formula	Variable	Real Numbers	Y- Intercept
Linear function	Interval Notation	Expression	inconsistent method	Order of Operations
$f(x)$ Notation	Integers	Slope	Whole Numbers	Real Function
x-Intercept	consistent method	Mapping notation	Algebraic Expression	Acceleration