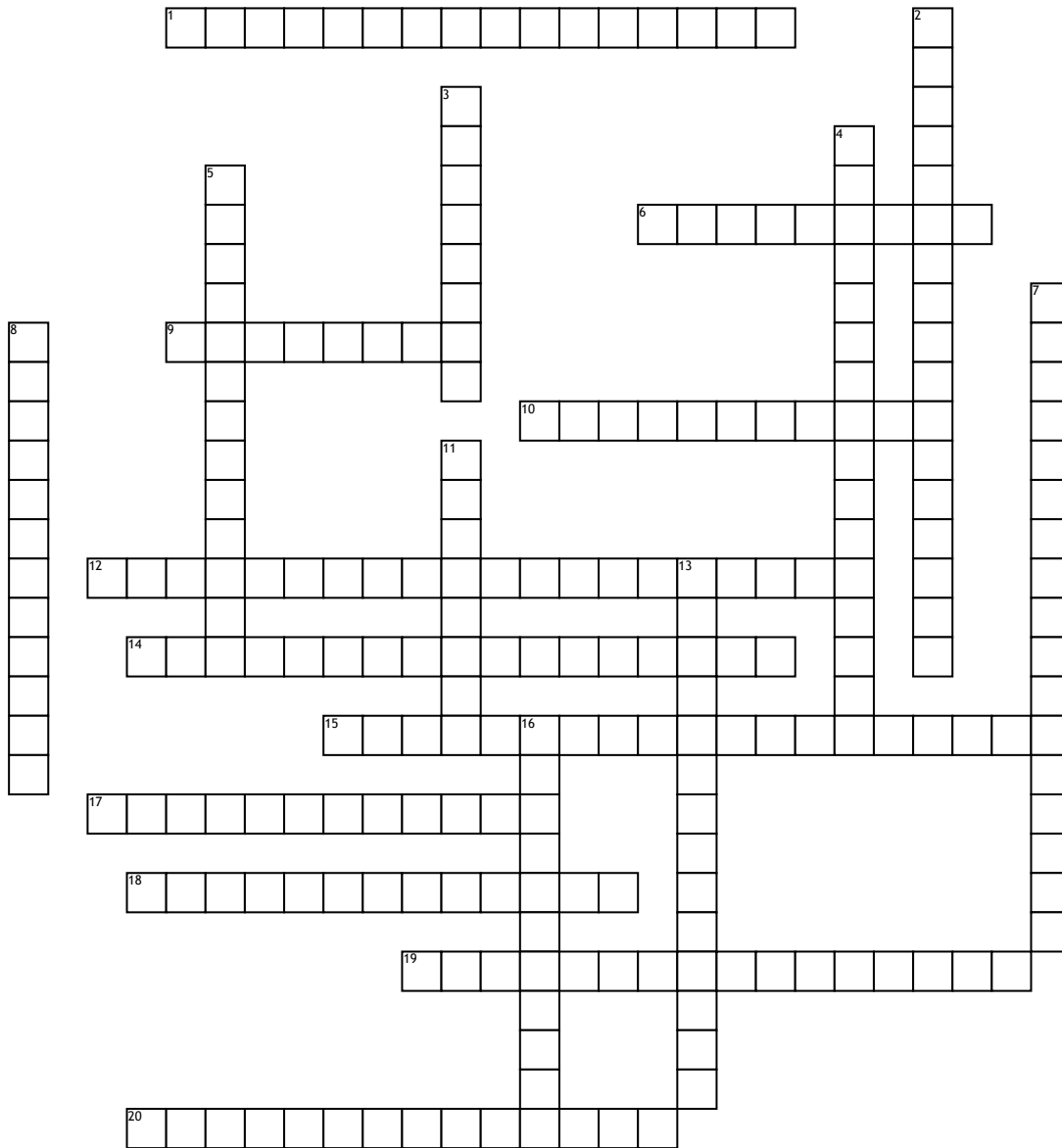


# Algebra 1 Crossword



## Across

1. Rate of value of a mathematical function that is proportional to the function
6. polynomial with three terms
9. vertical distance between a data point and line of best fit
10.  $x$  approaches positive infinity of a polynomial function
12. product of the greatest integer and power of each variable that divides evenly into a monomial
14. combination of two or more functions

15.  $f(x)$  stretches/compresses away from the  $x$ -axis

17. The graph opens downward because  $a$  in  $g(x)=a$  is positive
18. line that come closest to all point in data set
19. a graph is made up off unconnected points
20. graphs a straight line with two or more variables

## Down

2. Properties that tell us the square root of a product that equals root
3. shape of graph of a quadratic function

4. constant difference of any term in a arithmetic sequence

5. positive square root is a whole number
7. can be represented in the form  $ax+bx+c$
8. a factor that is common to all terms of an expression
11. number that indicates how many times the base in a power is used as a factor
13. a line that divides a plane into to congruent half
16. a number that is multiplied by a variable