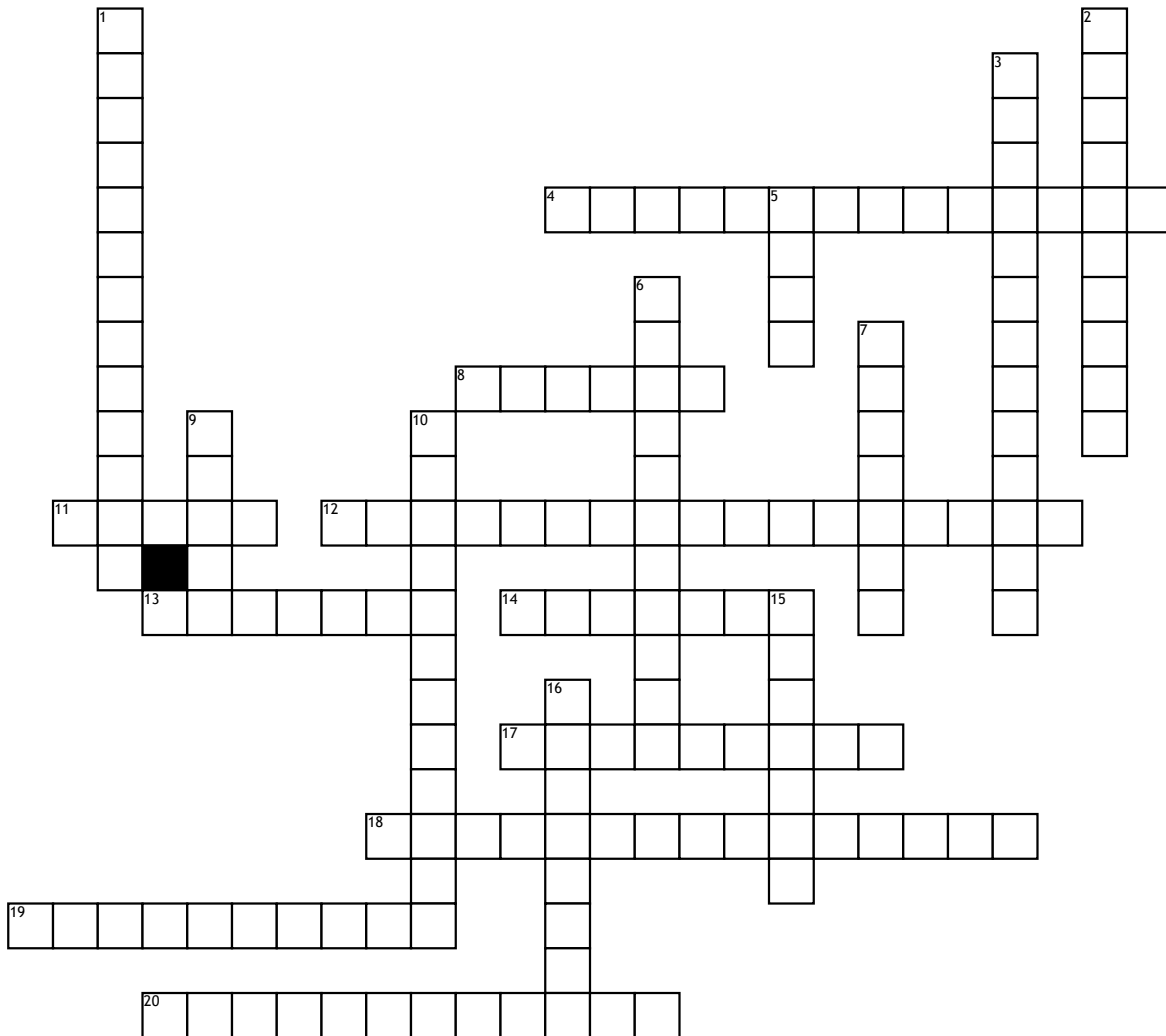


# Quadratic Crossword



## Across

4. The two sides of a graph on either side look like mirror images of each other
8. a set of data arranged in rows and columns.
11. Sometimes called a root
12. a function that can be described by an equation of the form
13. curve with certain specific properties.
14. The lowest known or lowest possible number, measure, quantity, or degree
17. break it up into numbers that can be multiplied together to get the original number

18. The discriminant is the expression found under the square root part of the quadratic formula

19.  $f(x) = a(x - h)^2 + k$

20. a parameter of an object or system calculated as an aid to its classification or solution.

## Down

1. is a number that can be expressed in the form  $a + b$
2. a number is a value that, when multiplied by itself
3.  $Y = mx + b$
5. First, Outer, Inner, Last.
6. a numerical or constant quantity placed before and multiplying the variable in an algebraic expression

7. a radical expression is defined as any expression containing a radical ( $\sqrt{\quad}$ )

9. number  $x$  is another number, which when multiplied by itself a given number of times, equals  $x$ .

10. A general term meaning "written down in the way most commonly accepted"

15. the value of a function at a certain point in its domain

16. points such that the distance to the focus equals the distance to the directrix.