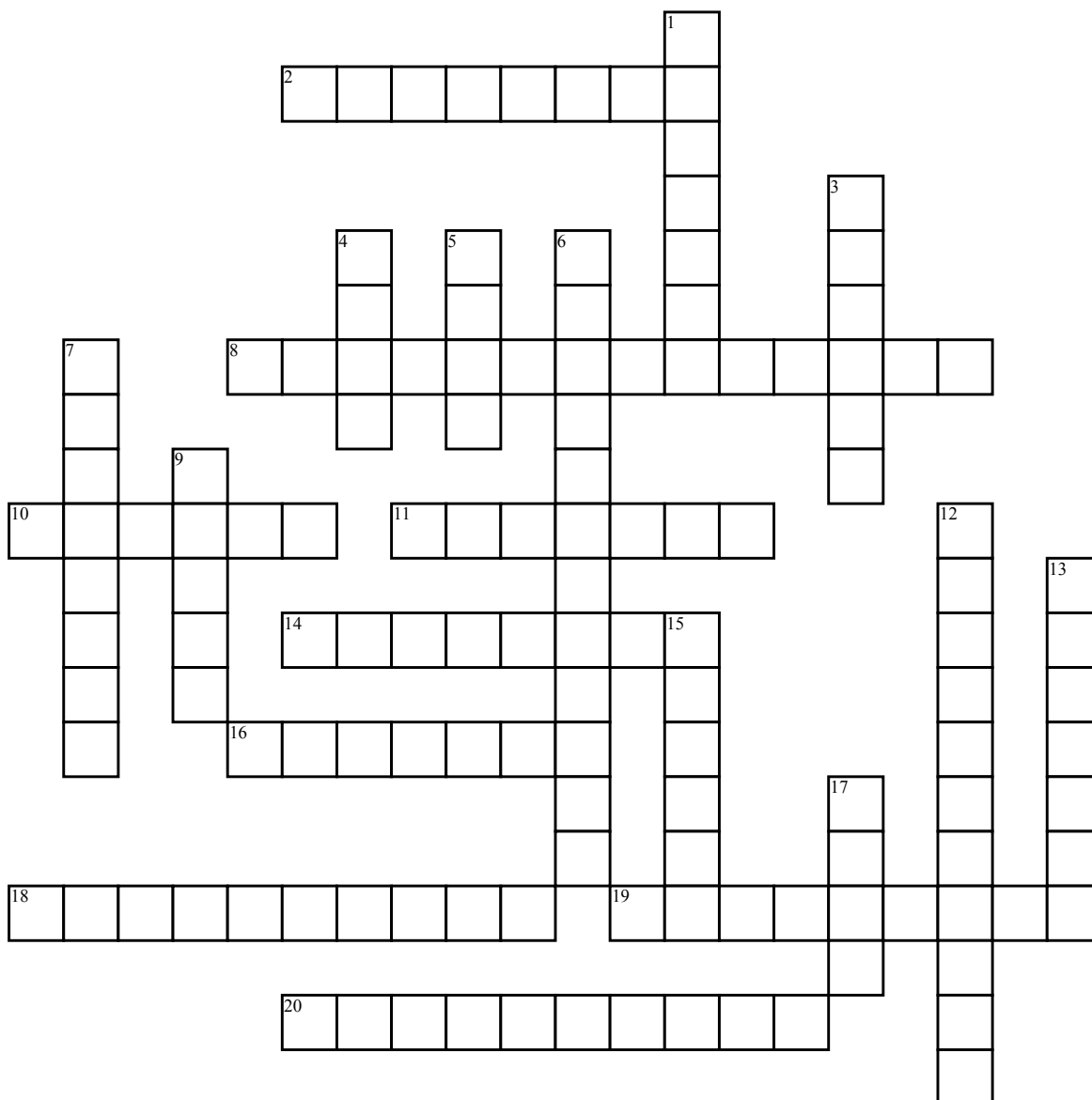


Quadratic Terms



Across

2. A symmetrical open plane curve formed by the intersection of a cone with a plane parallel to its side
 8. Always passes through the vertex of the parabola
 10. Having the shape of a capital U
 11. The place where the graph has a vertex at its lowest point.
 14. An equation containing one or more terms raised to the power of two but no higher Quadratic
 16. A formula used to solve the quadratic equation Quadratic

18. The x-coordinate of a point where a line, curve, or surface intersects the x-axis

19. A polynomial with three terms
 20. Changing the sign between two terms in a binomial

Down

1. The place where the graph has a vertex at it's highest point
 3. The highest point; the top or apex.
 4. A handy way to remember how to multiply two binomials.
 5. Where a function equals zero.

6. An idea of the number of roots and the nature of roots of the equation

7. A fixed value.
 9. Numbers or quantities arranged in rows and columns
 12. The number in front of the variable is called
 13. The symbol $\sqrt{\quad}$, which is used to represent the square root of a number, is called
 15. A number that can be expressed in the form $a + bi$, Complex
 17. A number that produces a specified quantity when multiplied by itself square