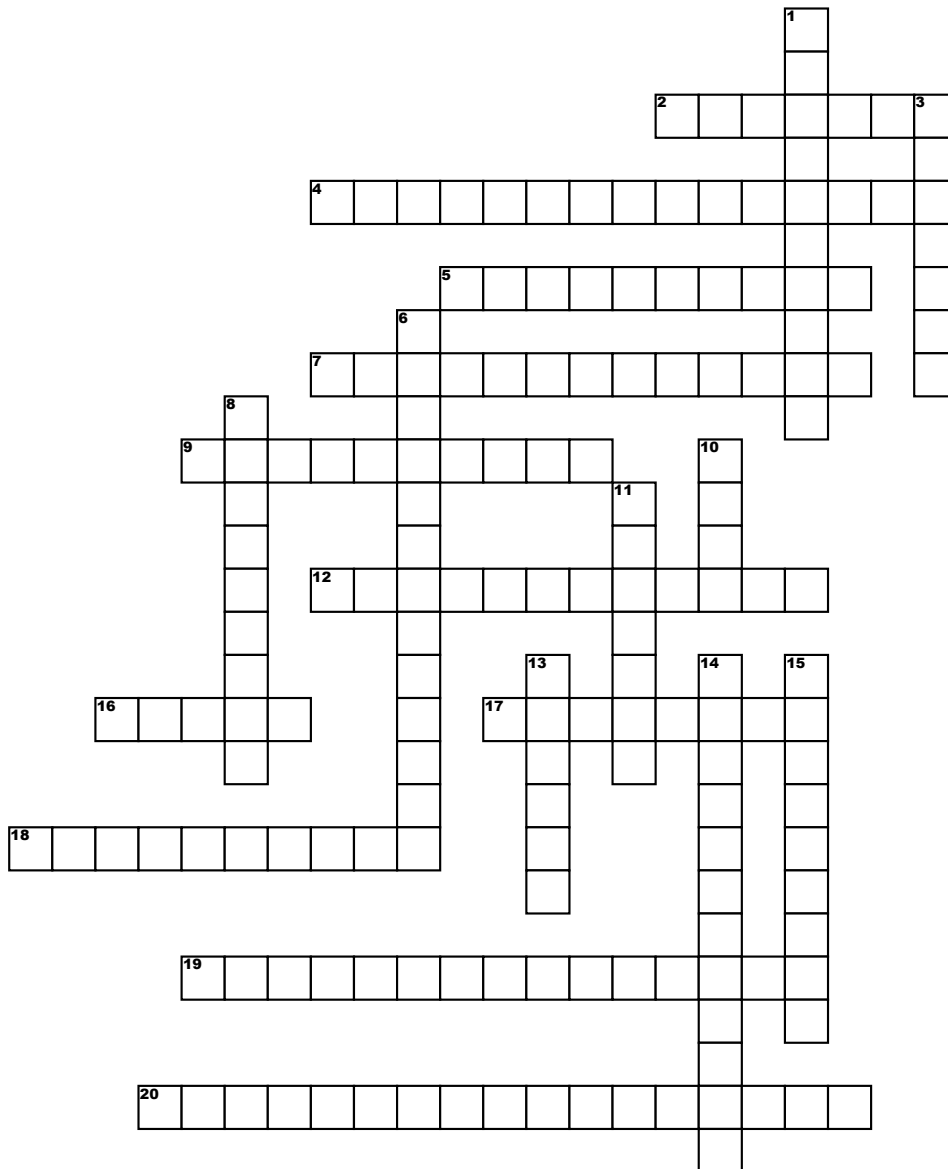


# Quadratics Crossword Puzzle



**Across**

- 2. the value of a function at a certain point in its domain.
- 4. The discriminant is the expression found under the square root part of the quadratic formula.
- 5. the highest point (of something).
- 7. a number of the form  $a+bi$  where  $a$  and  $b$  are real numbers and  $i$  is the square root of  $-1$ .
- 9. a binomial is another binomial formed by negating the second term of original binomial.
- 12. written down in the way most commonly accepted.
- 16. a number  $x$  is another number, which when multiplied by itself a given number of times, equals  $x$ .

- 17. A curve by the intersection of a right circular cone.
- 18. a number that when multiplied by itself equals a given number.
- 19. roots, or  $x$ -intercepts the quadratic equation will have. If , there are two real solutions.
- 20. an equation in which the highest power of an unknown quantity is a square.

**Down**

- 1. is a point on the graph where  $y$  is zero.
- 3. The lowest known or lowest possible number, measure, quantity, or degree.
- 6. denoted and commonly referred to as "i."

- 8. is a number on its own, or sometimes a letter such as  $a$ ,  $b$  or  $c$  to stand for a fixed number.
- 10. the point on a scale from which positive or negative numerical quantities can be measured.
- 11. expression is defined as any expression containing a radical.
- 13. are lists of numbers showing the results of calculation with varying arguments.
- 14. a numerical or constant quantity placed before and multiplying the variable in an algebraic expression.
- 15. the resolution of an entity into factors such that when multiplied together they give the original entity.