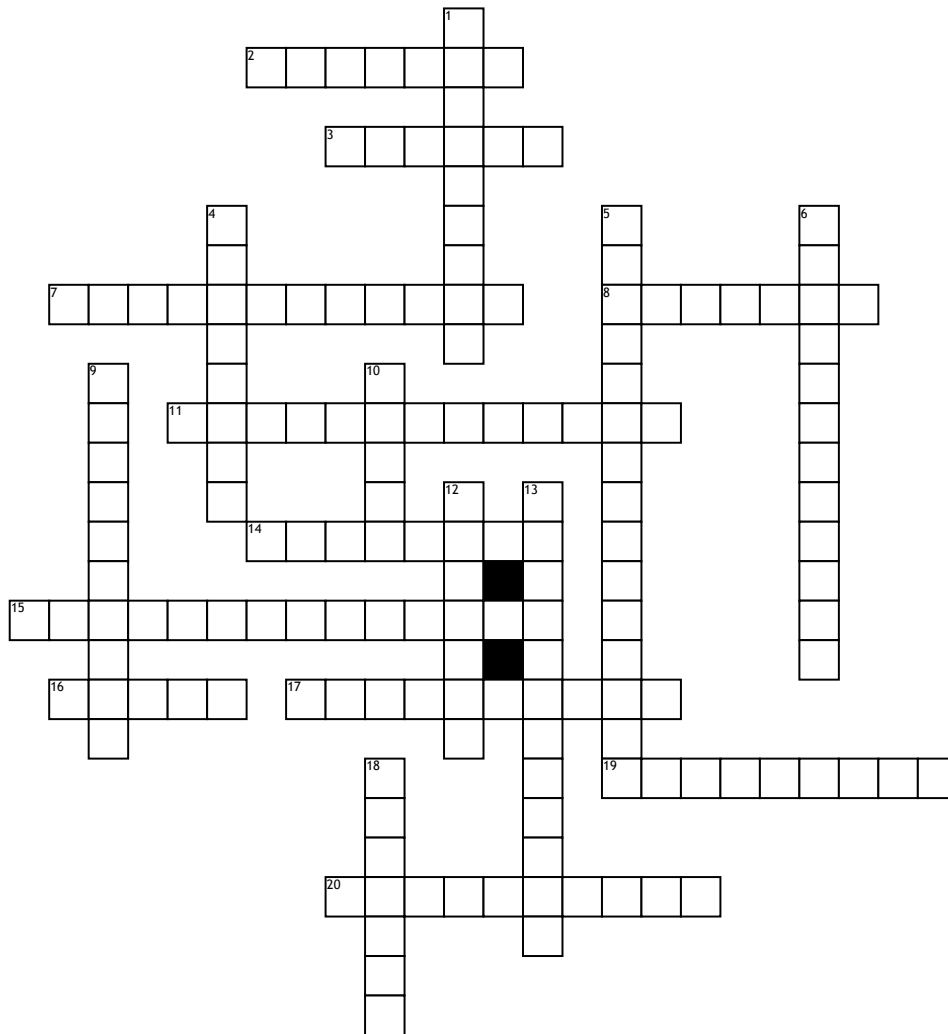


quadratics crossword



Across

- 2. for reaching or thorough
- 3. the endpoint of two or more rays or line segments
- 7. a function of the coefficients of a polynomial equation
- 8. A curve with certain properties
- 11. a number expressed in the form $a+bi$
- 14. a fixed value; a number on its own
- 15. the discriminant is found under the square root part of the quadratic formula

- 16. another number, which when multiplied by itself a given number of times, equals x
- 17. formed by changing two terms in a binomial
- 19. consisting of three terms
- 20. the x coordinate of a point where a line, curve or intersects

Down

- 1. the process of finding factors
- 4. its a symmetrical curve made by an intersection

- 5. the number of times a number is multiplied by itself
- 6. a multiplier or factor that measures some property
- 9. a number which produces a specified quantity when multiplied by itself
- 10. no quantity or number
- 12. a point at which a functions value is greatest
- 13. its a way of writing down very large or small numbers easily
- 18. the value of a function at a certain point in its domain

Word Bank

- | | | | | |
|---------------|-------------|----------------|--------------|------------------|
| trinomial | minimum | discriminant | parabola | zeros |
| standard form | sqaure root | radical | conjugates | no real solution |
| factoring | u-shaped | complex number | coefficients | constant |
| x-intercept | maximum | vertex | roots | squared exponent |