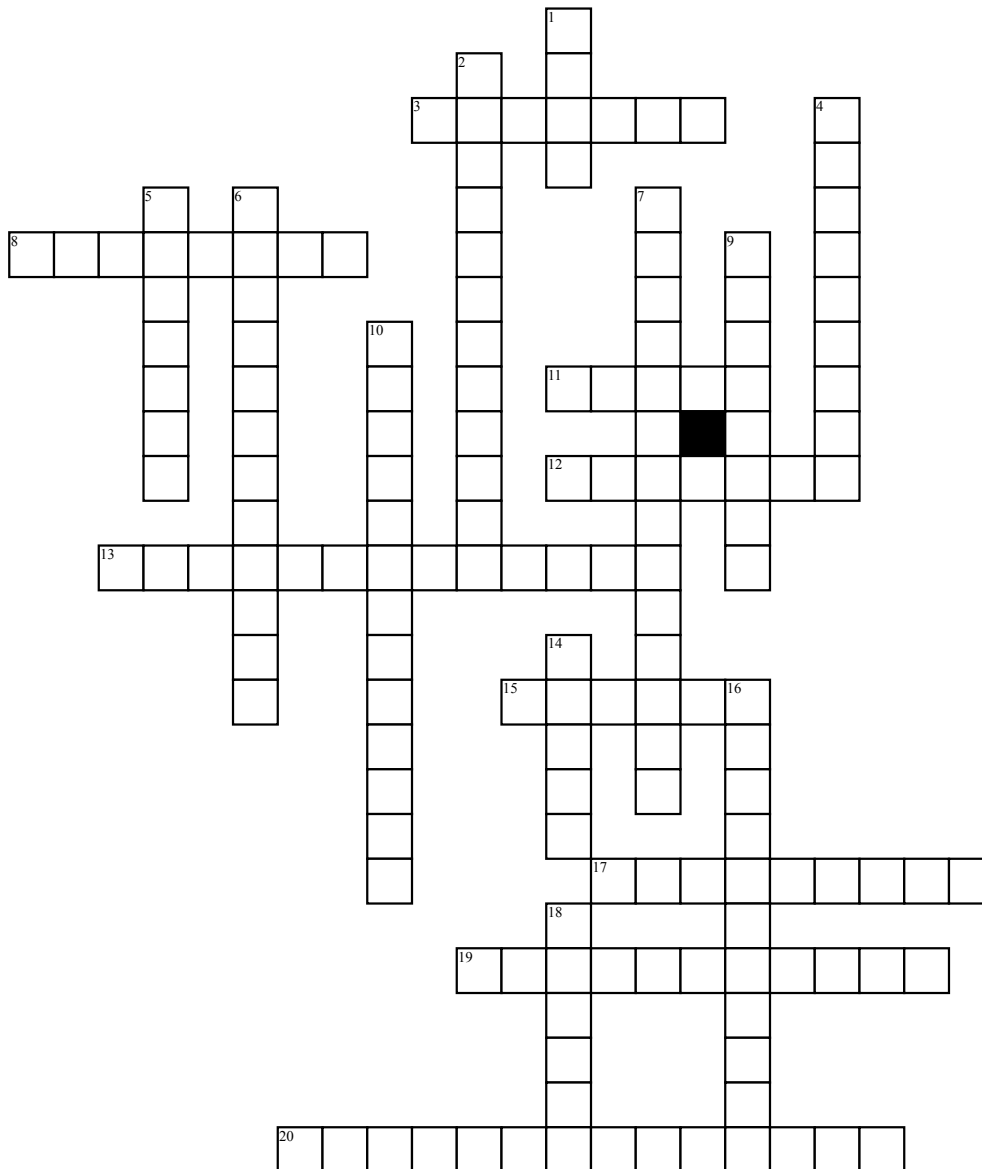


Quadratics Crossword Puzzle



Across

- 3. The smallest value.
- 8. A special curve, shaped like an arch.
- 11. where the polynomial is equal to zero:
- 12. curve with certain specific properties.
- 13. $y = mx + b$.
- 15. a point where two or more line segments meet a corner
- 17. Finding what to multiply together to get an expression.
- 19. a number is a value that multiplied by itself and gives the number

20. there ARE solutions, but they are only complex solutions.

Down

- 1. multiplying the First terms, · multiplying the Outer terms, · multiplying the Inner terms, and · multiplying the Last terms
- 2. $b^2 - 4ac$
- 4. where we change the sign in the middle of two terms
- 5. The largest value.
- 6. a numerical or constant quantity placed before and multiplying the variable in an algebraic expression
- 7. always passes through the vertex of the parabola

9. a number on its own, or sometimes a letter such as a, b or c to stand for a fixed number.

- 10. a combination of a Real Number and an Imaginary Number
- 14. where the polynomial is equal to zero.
- 16. the x-coordinate of a point where a line, curve, or surface intersects the x-axis
- 18. numbers arranged in rows and columns