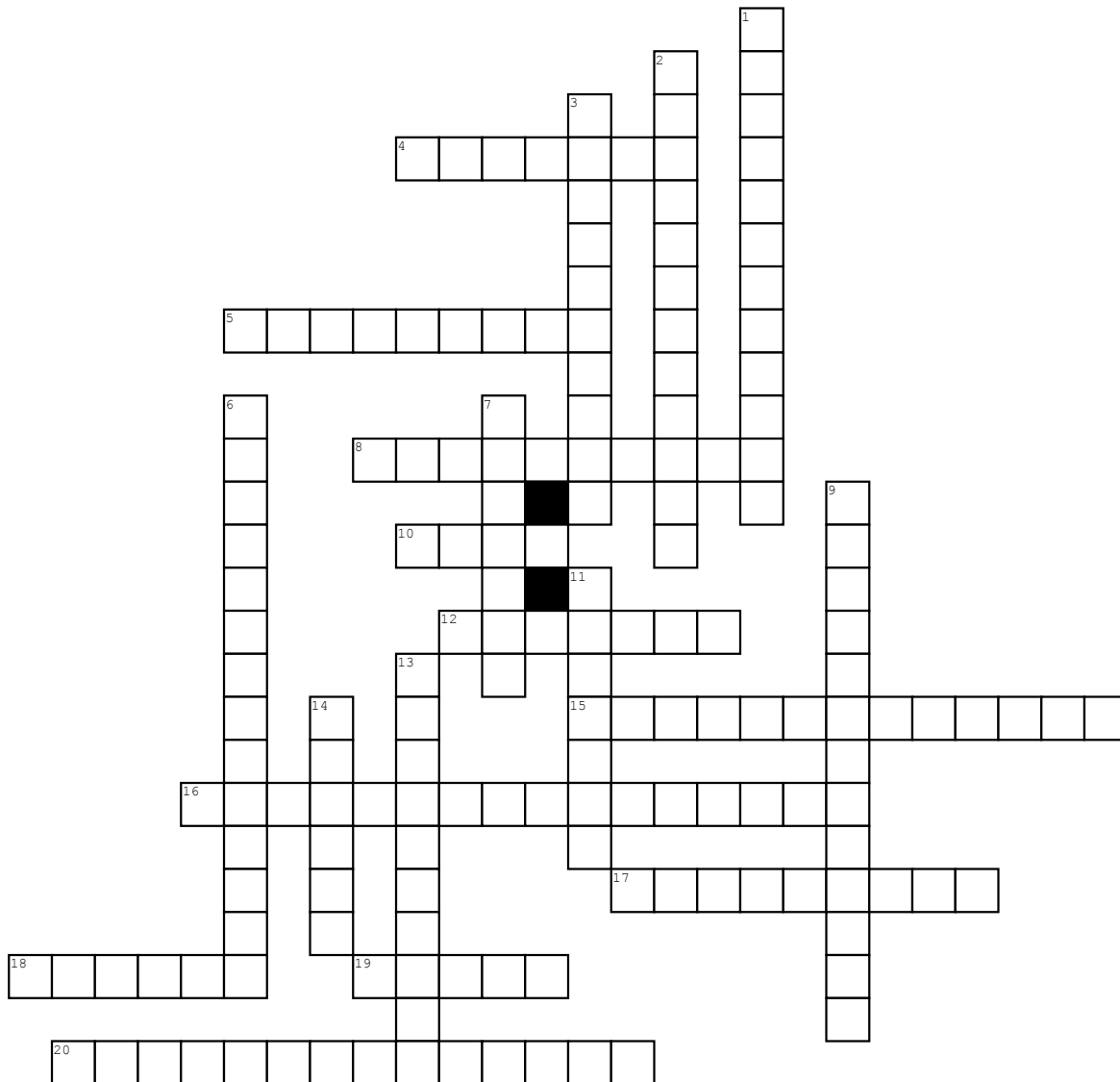Name: _____ Date: _____

Quadratics Crossword

Across

4. graph of a quadratic function is a curve

5. to break it up into numbers that can be multiplied together to get the original number.

8. a number is a value that, when multiplied by itself, gives the number.

10. It is the sum of: · multiplying the First terms, · multiplying the Outer terms, · multiplying the Inner terms, and · multiplying the Last terms

12. The biggest value

15. is simply the way of writing the equation of a line

16. is one of the form f(x) = ax2 + bx + c, where a, b, and c are numbers with a not equal to zero.

17. Consisting of three terms.

18. Numbers or quantities arranged in rows and columns.

19. is where the polynomial is equal to zero

20. A line through a shape so that each side is a mirror image.

Down

1. a numerical or constant quantity placed before and multiplying the variable in an algebraic expression

2. ax2 + bx + c

3. is where we change the sign in the middle of two terms

6. Symbol is"i"

7. symbol is √

9. is a combination of a real number and an imaginary number:

11. MINIMUM

13. f (x) = a(x - h)2 + k, where (h, k)

14. a parabola is the low or high point of the curve, sometimes called the maximum or minimum