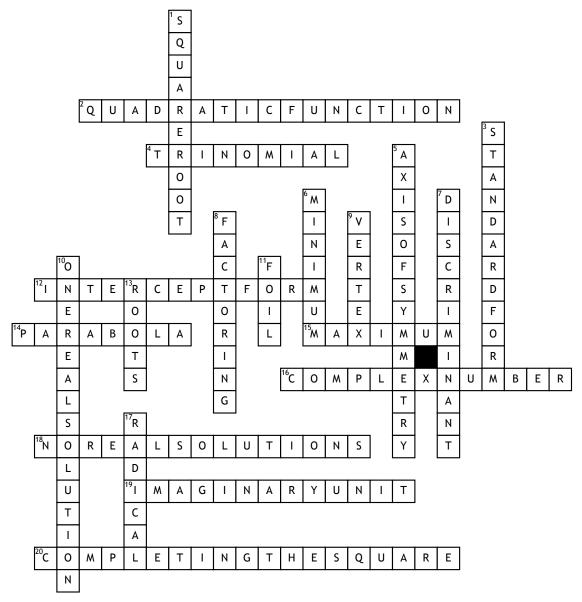# Quadratics CrossWord Puzzle

Across

2. f(x) = ax2 + bx + c

4. Equation that has three terms which are connected by plus or minus notations

12. The equation of a straight line

14. A u-shaped curve with certain specific properties

15. The value of a function at a certain point in its domain, which is greater than or equal to the values at all other points

16. Is a number that can be expressed in the form a + bi, where a and b are real numbers, and i is the imaginary unit

18. The value of not having any solutions, roots, or x-intercepts the quadratic equation will have

19. One that when squared gives a negative result

20. Is a technique used to solve quadratic equations, graph quadratic functions, and evaluate integrals

Down

1. When multiplied by itself, gives the number

3. Is another way to write slope (as opposed to y=mx+b)

5. You find me by using the formula -b/2a

6. Vertex at its lowest point

7. Reveals what type of roots the equation has.

8. Used to simplify expressions, simplify fractions, and solve equations

9. A point where two or more curves, lines, or edges meet

10. The value of only one solution, root, or x-intercept the quadratic equation will have

11. A technique for distributing two binomials(First, Outer, Inner, Last)

13. Are exactly the x-intercepts of the quadratic function

17. My symbol is (√)