Quadratics Crossword Puzzle Project
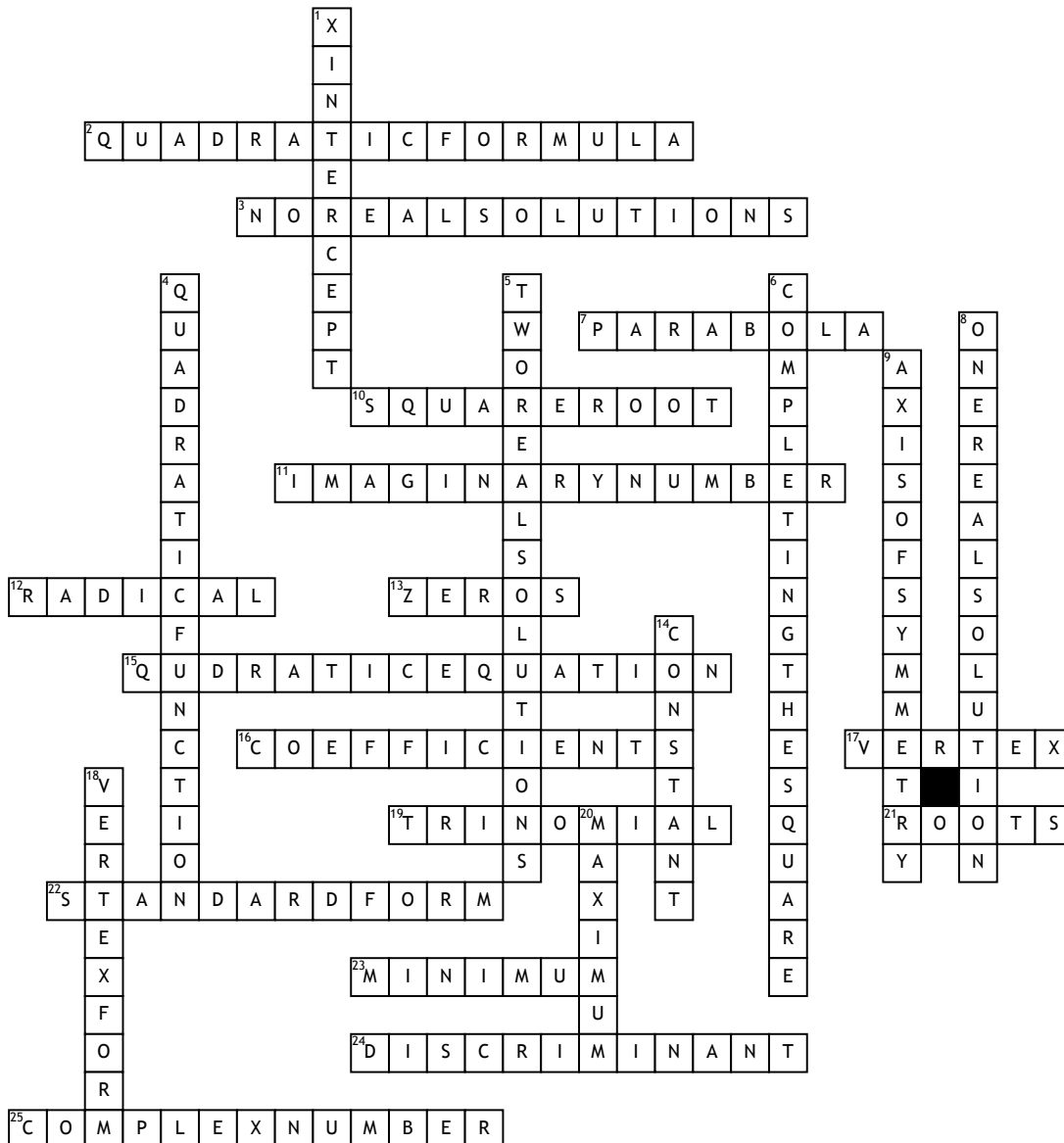
Across

2. x= −b±√b2−4ac /2a
3. no answers of a quadratic equation
7. a curved line in a shape of an U that can either be upwards or downwards
10. a number that is a value when multiplied by itself, it then gives the number
11. any number of the form a + bi, where a and b are real numbers and b≠0
12. an expression that can be used to determine square roots
13. the "solutions" of an equation
15. A polynomial equation in a single variable
16. a number or symbol multiplied with a variable

17. the peak in a parabola, can either be upqards or downwards
19. an expression that includes three terms which are monomials. they are seperated by plus or minus signs
21. synonym of solution
22. y = ax^2 +bx + c
23. the lowest points in a particular section of a graph
24. b^2-4ac
25. a combination of an imaginary and real number in the form of a+bi

Down

1. where the graph crosses the x-axis
4. one of the form y=ax^2+bx+c, where a,b,c are numbers that are not equal to zero
5. two answers of a quadratic equation

6. a method used to solve quadratic equations
8. one answer of a quadratic equation
9. a line that divides an object in half
14. a number on its own, or a letter used to stand for a fixed number
18. y = a (x-h)^2+k
20. the highest points in a particular section of a graph