Quadratics Crossword Puzzle Project
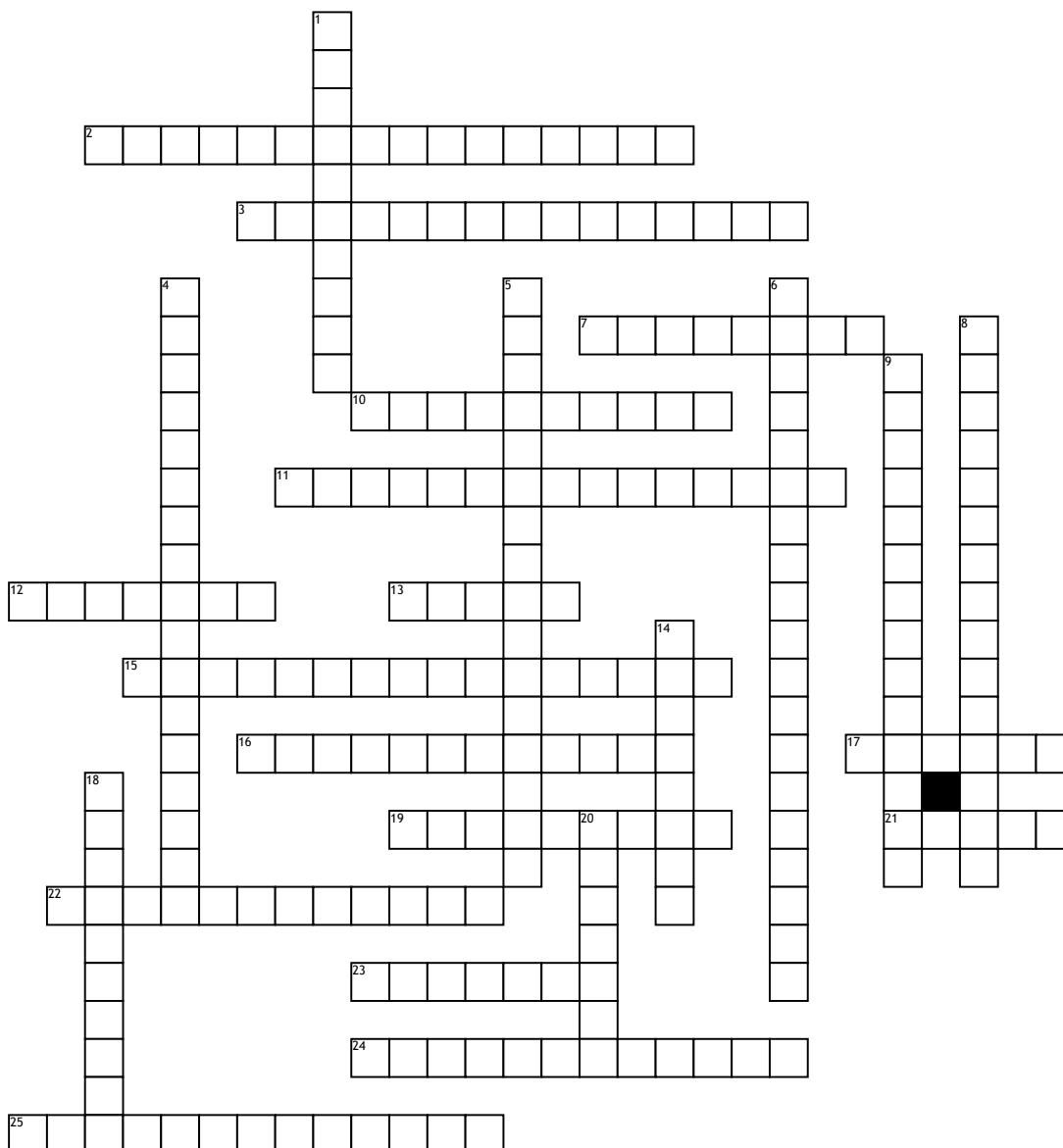
Across

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