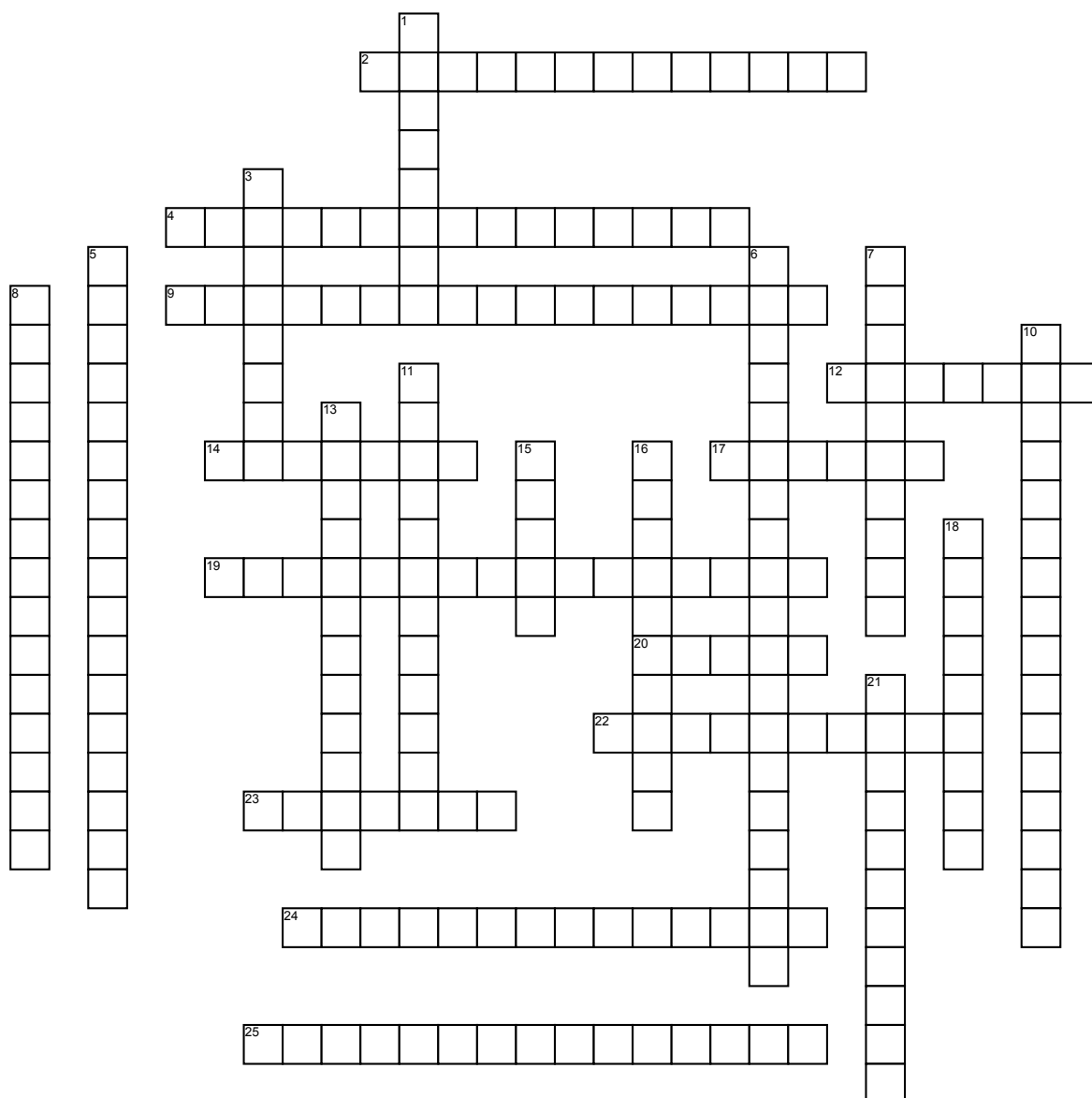Name: _____ Date: _____

Quadratics Crossword Puzzle

Across
2. a quantity of the form v+iw
4. a negative number under the radical
9. function that can be written in for f(x)=ax^2+bx+c
12. the highest value a function reaches
14. symbol that indicates to get square root of number under it
17. point where the graph of a quadratic reaches its minimum or maximum value
19. when the discriminant is positive
20. any value that makes the value of a function equal to zero
22. a(x-h)^2+k
23. the lowest value a function reaches
24. the line that divides a figure into two symmetric parts
25. when the discriminant equals zero

Down
1. a quantity whose value doesn't change
3. the graph of a quadratic function
5. ax^2+bx+c=0
6. to make a quadratic into a perfect square trinomial
7. a number that when multiplied by itself equals a given number
8. when the discriminant is negative
10. x= (-b+/-√b^2-4ac) / (2a)
11. ax^2+bx+c
13. b^2-4ac
15. value of x that makes the function's value zero
16. point where a graph crosses the x-axis
18. a polynomial of three terms
21. the numerical factor in a term