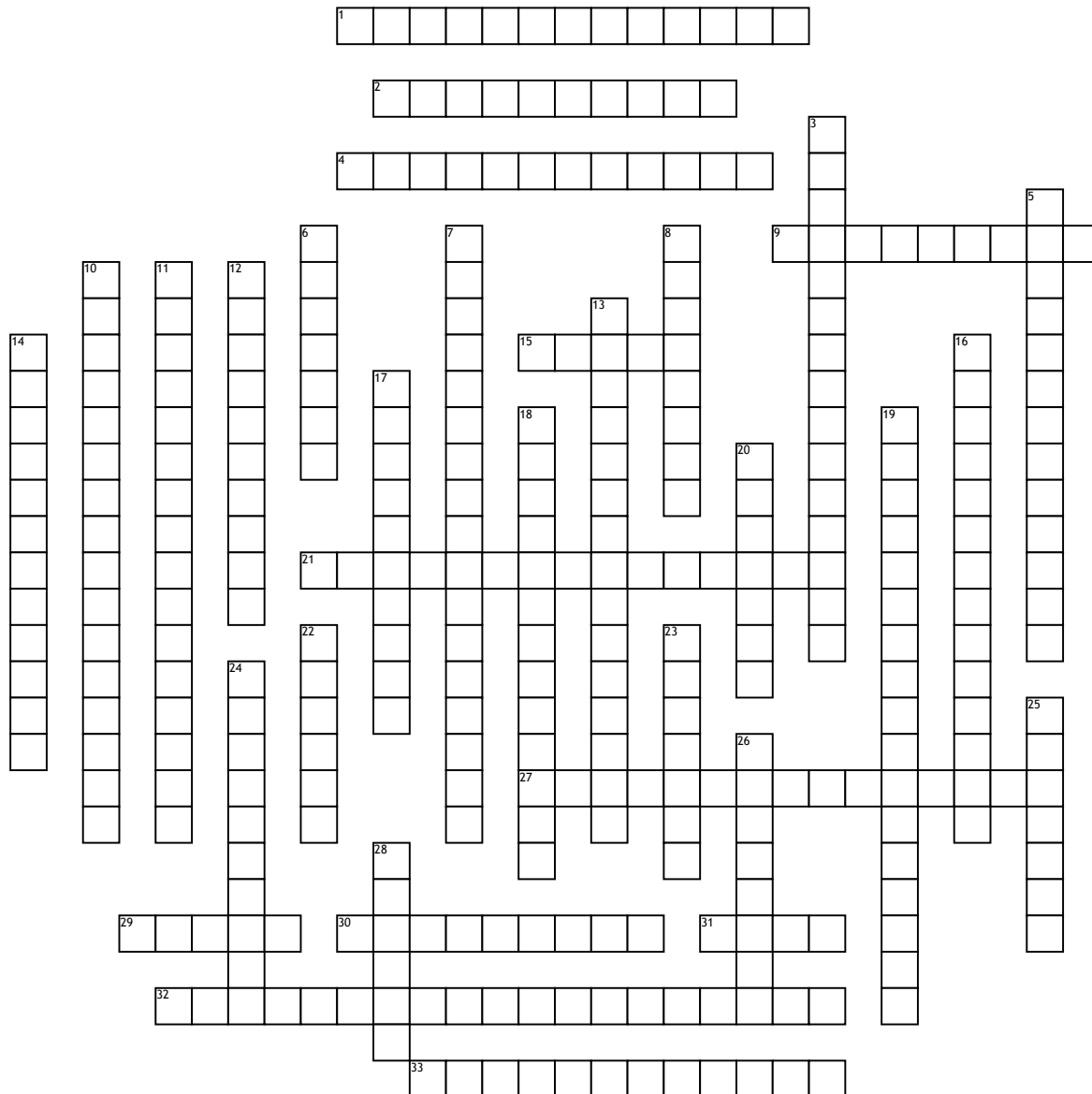


Name: _____

quadratic terms



Across

1. solution is usually denoted i .
2. changing the sign between two terms
4. function of the coefficients of a polynomial equation
9. breaking up a polynomial into simpler terms
15. where a function equals zero
21. one real number
27. b^2
29. no quantity or number
30. an algebraic expression of three terms
31. mnemonic for the standard method
32. technique used to solve quadratic equations
33. numerical or constant quantity

Down

3. exponent is squared by two
5. slope of the line is m and the y-intercept of the line is b
6. shape like a U
7. equation having the form where x represents an unknown, and a , b , and c
8. fixed and well defined number
10. formula used to solve quadratic equations
11. two real numbers
12. number that produces a specified quantity when multiplied by itself
13. negative or no real numbers
14. using scientific notation
16. passes through the vertex of the parabola
17. line is the point at which the line crosses the x-axis.

18. number of the form $a + bi$
19. function that can be described as an equation
20. the value of a function at a certain point in its domain
22. method of solving equations
23. number that nothing can exceed in that situation.
24. h and the letter k being the vertex point of the parabola
25. a quantity forming or expressed as the root of another
26. two dimensional and U-shaped
28. the highest point; the top or apex