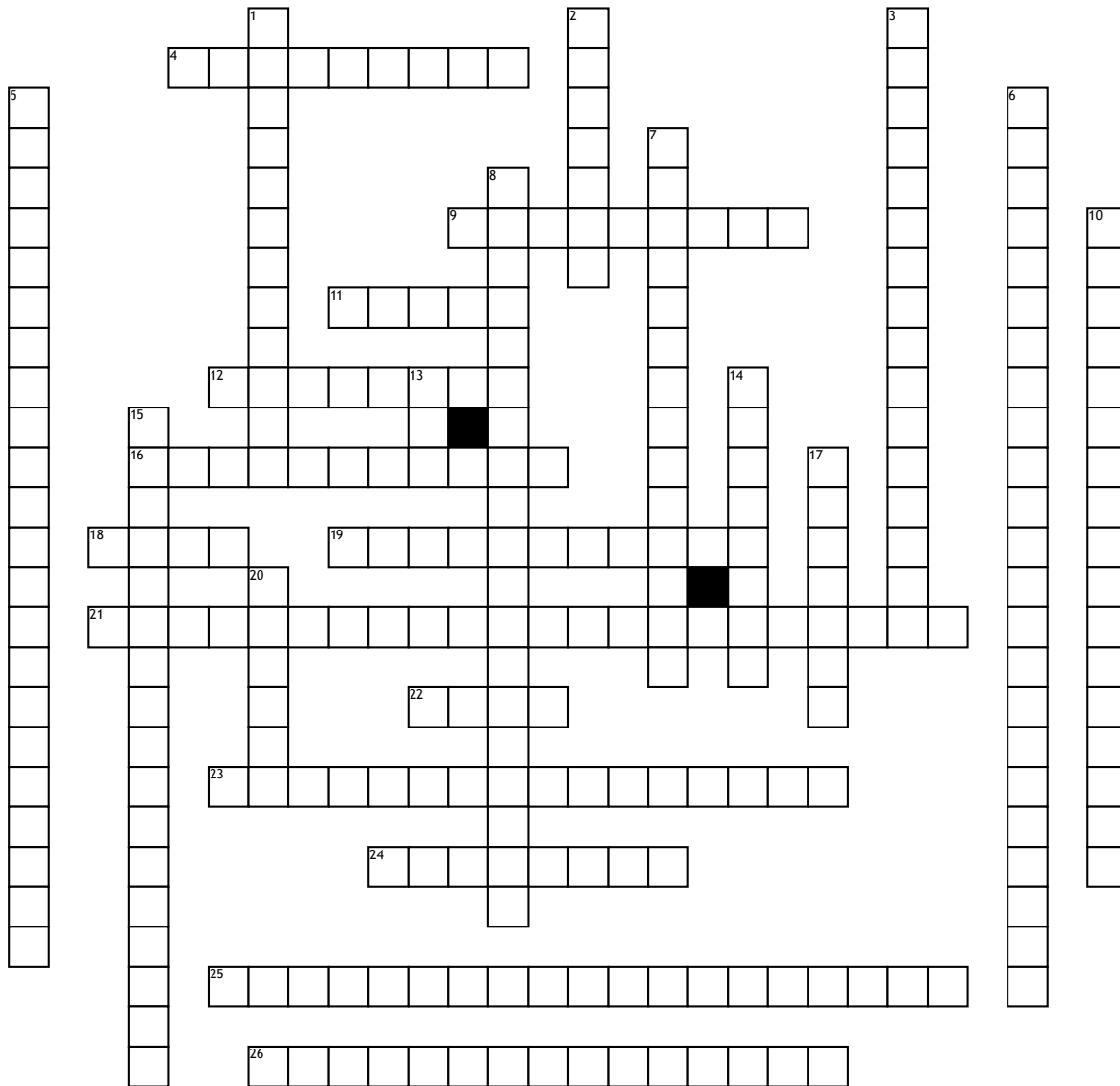


# Algebra Vocabulary



## Across

4. The sum of three monomials.  
 9. Answers to a quadratic equation; s of roxs.  
 11. Answers to a quadratic equation; o of roxs.  
 12. The graph of a quadratic function.  
 16. Answers to a quadratic equation; x of roxs.  
 18. Answers to a quadratic equation; r of roxs.  
 19. The numerical factor of a term.  
 21. A trinomial that is the square of a binomial. (3 words)  
 22. Multiply 2 binomials; first, outer, inner, last.  
 23. When an initial amount decreases by the same percent over a given period of time. (2 words)

24. The sum of two monomials.

25. A function that can be described by an equation of the form  $y = ab^x$ , where  $a > 0$  and  $a \neq 1$ . (2 words)

26. An equation of the form  $y = kx$ , where  $k \neq 0$ . (2 words)

## Down

1. In the quadratic formula, the expression under the radical sign,  $b^2 - 4ac$ .  
 2. The highest point on the graph of a curve.  
 3. One method used to solve quadratic equations;  $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$ .  
 5. Two perfect squares separated by a subtraction sign. (4 words)  
 6. The simplest of functions in the quadratic family;  $y = x^2$ . (3 words)

7. The vertical line containing the vertex of a parabola. (3 words)

8. The number "k" in equations of the form  $y = kx$ . (3 words)

10. An equation of the form  $ax^2 + bx + c = 0$ , where  $a \neq 0$ . (2 words)

13. For any nonzero number raised to zero, the value is always this.

14. A monomial that is a real number; stands alone without a variable.

15. When an initial amount increases by the same percent over a given period of time. (2 words)

17. The lowest point on the graph of a curve.

20. The maximum or minimum point of a parabola.