ADVANCE ALGEBRA TERMS
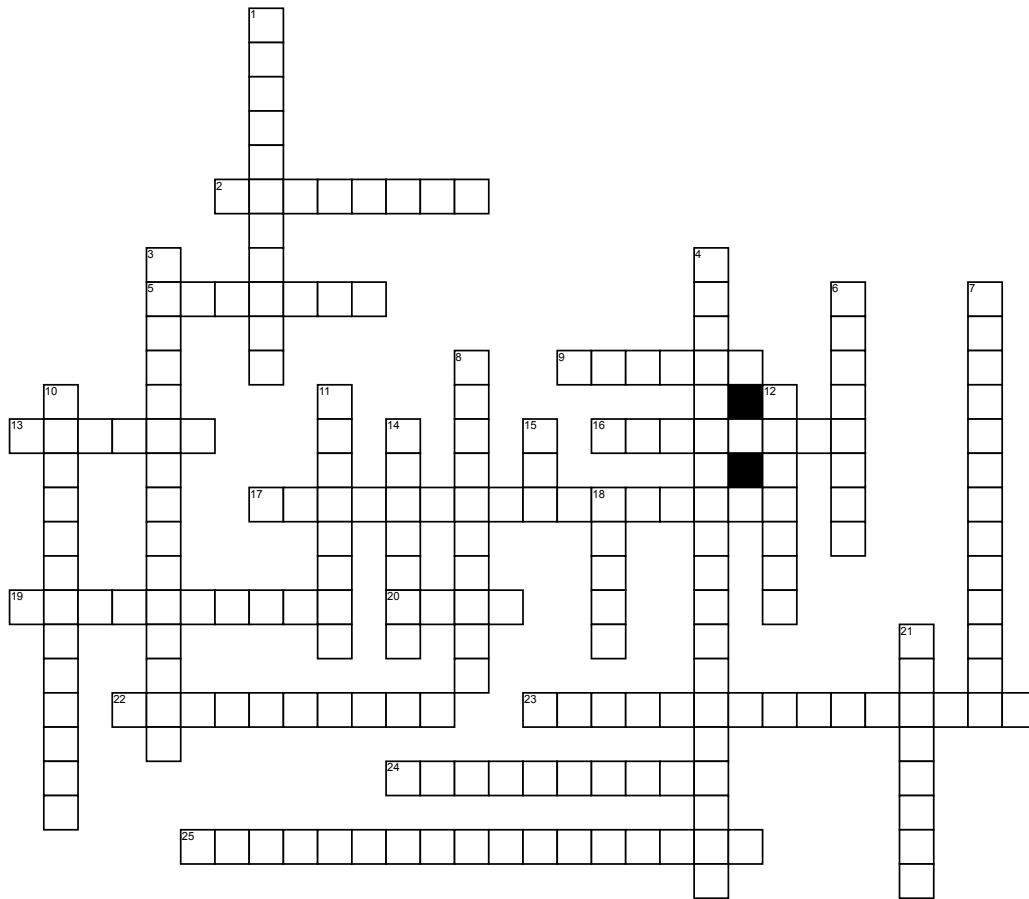
Across

2. a quantity expressed as a sum or difference of two terms

5. any natural number or its negative, or zero

9. resolve into numbers that form a product when multiplied

13. a set of possible values of the independent variable

16. a number that when multiplied three times equals a given number

17. a system that uses coordinates to establish position

19. a group of symbols that make a mathematical statement

20. a straight line through a body or figure

22. any rational or irrational number

23. (mathematics) a number of the form a+bi where a and b are real numbers and i is the square root of -1

24. a number that when multiplied by itself equals a given number

25. an equation in which the highest power of an unknown quantity is a square

Down

1. a constant number that serves as a measure of some property

3. a theorem giving the expansion of a binomial raised to a given power

4. a function in which an independent variable appears as an exponent

6. a number representing a quantity with a fixed value

7. a real number regardless of its sign

8. a mathematical function that is the sum of a number of terms

10. (mathematics) a number of the form a+bi where a and b are real numbers and i is the square root of -1

11. notation of how many times to multiply a quantity by itself

12. a group of symbols that make a mathematical statement

14. a quantity expressed as the root of another quantity

15. an abstract collection of numbers or symbols

18. the property of a line that departs from the horizontal

21. make easier or reduce in complexity or extent

Word Bank

imaginary number	square root	slope	exponential function	formula
exponent	quadratic equation	constant	absolute value	set
polynomial	simplify	factor	domain	coefficient
real number	expression	cube root	binomial	complex number
integer	coordinate system	axis	radical	binomial theorem