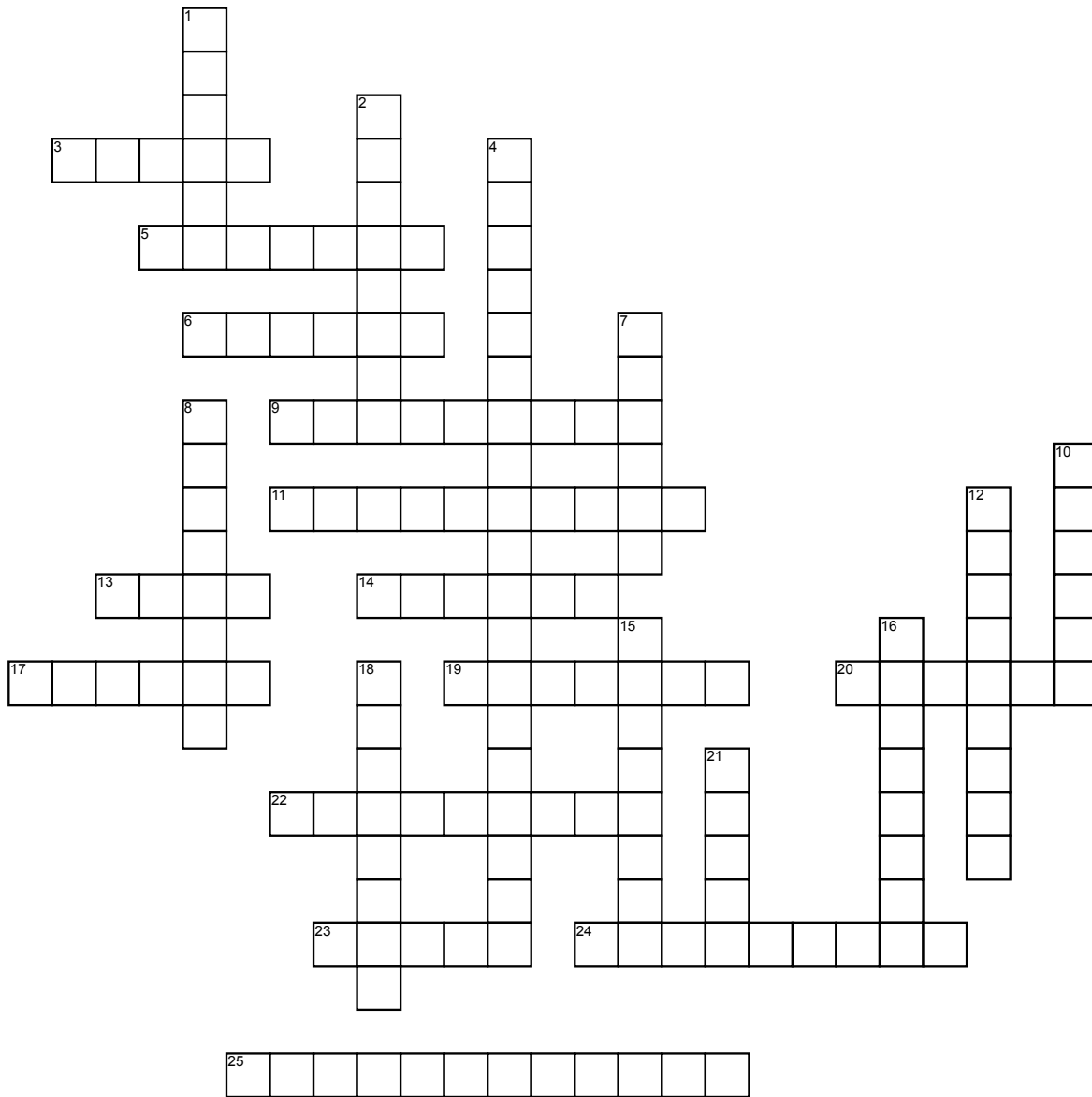


Precalculus Puzzle



Across

- 3. notation indicating a quantity multiplied by itself
- 5. the set of elements common to two or more sets
- 6. a set of possible values of the independent variable
- 9. designating or involving an equation whose terms are not of the first degree
- 11. a number that when multiplied by itself equals a given number
- 13. ratio of the length of the side opposite the given angle to the length of the hypotenuse of a right-angled triangle
- 14. resolve into numbers that form a product when multiplied
- 17. ratio of the adjacent side to the hypotenuse of a right-angled triangle

- 19. ratio of the opposite and adjacent sides of a right triangle
- 20. What is a rectangular arrangement of data
- 22. a polynomial of the second degree
- 23. the property of a line that departs from the horizontal
- 24. an open curve formed by a plane that cuts the base of a right circular cone
- 25. the mathematics of three-sided figures and their functions

Down

- 1. involving an equation whose terms are of the first degree
- 2. a mathematical relation associating elements between sets
- 4. a value that does not depend on changes in other values

- 7. the interval to complete one cycle of a repeating phenomenon
- 8. notation of how many times to multiply a quantity by itself
- 10. the point of intersection of lines
- 12. the point at which a line intersects a coordinate axis
- 15. distance traveled per unit time
- 16. being everywhere equidistant and not intersecting
- 18. a curve formed by an object thrown in the air and falling
- 21. set of values of a variable for which a function is defined