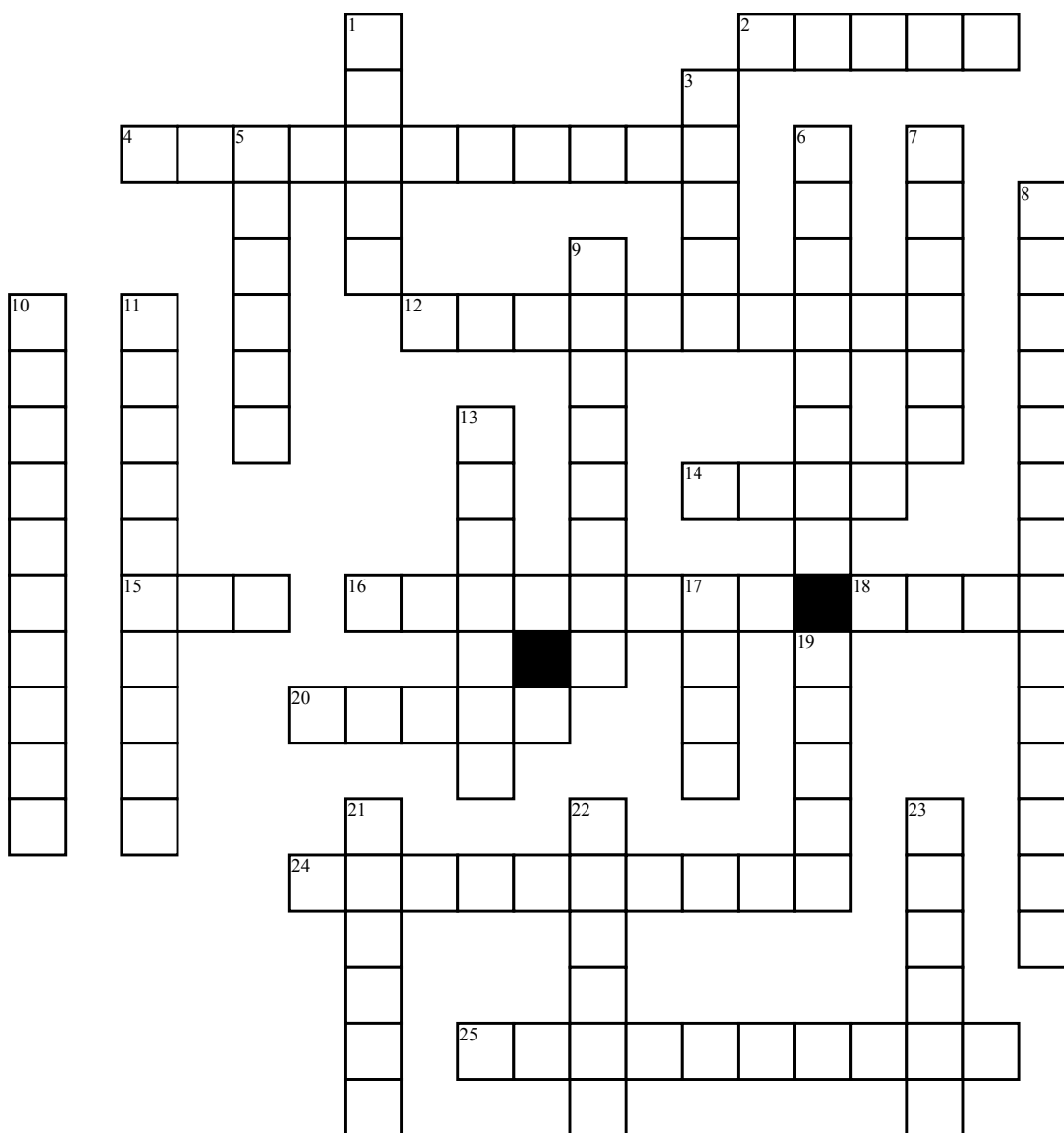


# Math Terms



## Across

2. Another word for average.  
 4. The total area of a three-dimensional object.  
 12. when multiplied by itself, gives the number. Example:  $4 \times 4 = 16$ .  
 14. a straight one-dimensional figure having no thickness and extending infinitely in both directions.  
 15. A portion of a line which starts at a point and goes off in a particular direction to infinity.  
 16. The process to get a formula to simple form  
 18. The number that occurs the most often in a list.  
 20. Two rays sharing a common endpoint.  
 24. This property lets you multiply a sum by multiplying each add end separately and then add the products.

25. an expression of more than two algebraic terms, especially the sum of several terms that contain different powers of the same variables

## Down

1. a diagram showing the relation between variable two quantities, measured along one of a pair of axes at right angles.  
 3. The difference between the lowest and highest values  
 5. The half of the diameter of a circle  
 6. a quantity representing the power to which a given number or expression is to be raised, usually expressed as a raised symbol beside the number or expression  
 7. A corner point of a geometric figure.  
 8. can be expressed in the form  $a + bi$ , where  $a$  and  $b$  are real numbers and  $i$  is the imaginary unit, satisfying the equation  $i^2 = -1$ .

9. is the locus of points such that the distance to the focus equals the distance to the directrix.

10. Found on the y-axis of a graph  
 11. found on the x-axis of a graph  
 13. a group of mathematical symbols that express a relationship or that are used to solve a problem  
 17. A technique for distributing two binomials. First, Outer, Inner, Last.  
 19. a measure of the steepness of a line, or a section of a line, connecting two points.  
 21. splitting into equal parts or groups. Example: there are 12 chocolates, and 3 friends want to share them.  
 22. a round plane figure whose boundary (the circumference) consists of points equidistant from a fixed point (the center).  
 23. situated in the middle of a group of numbers