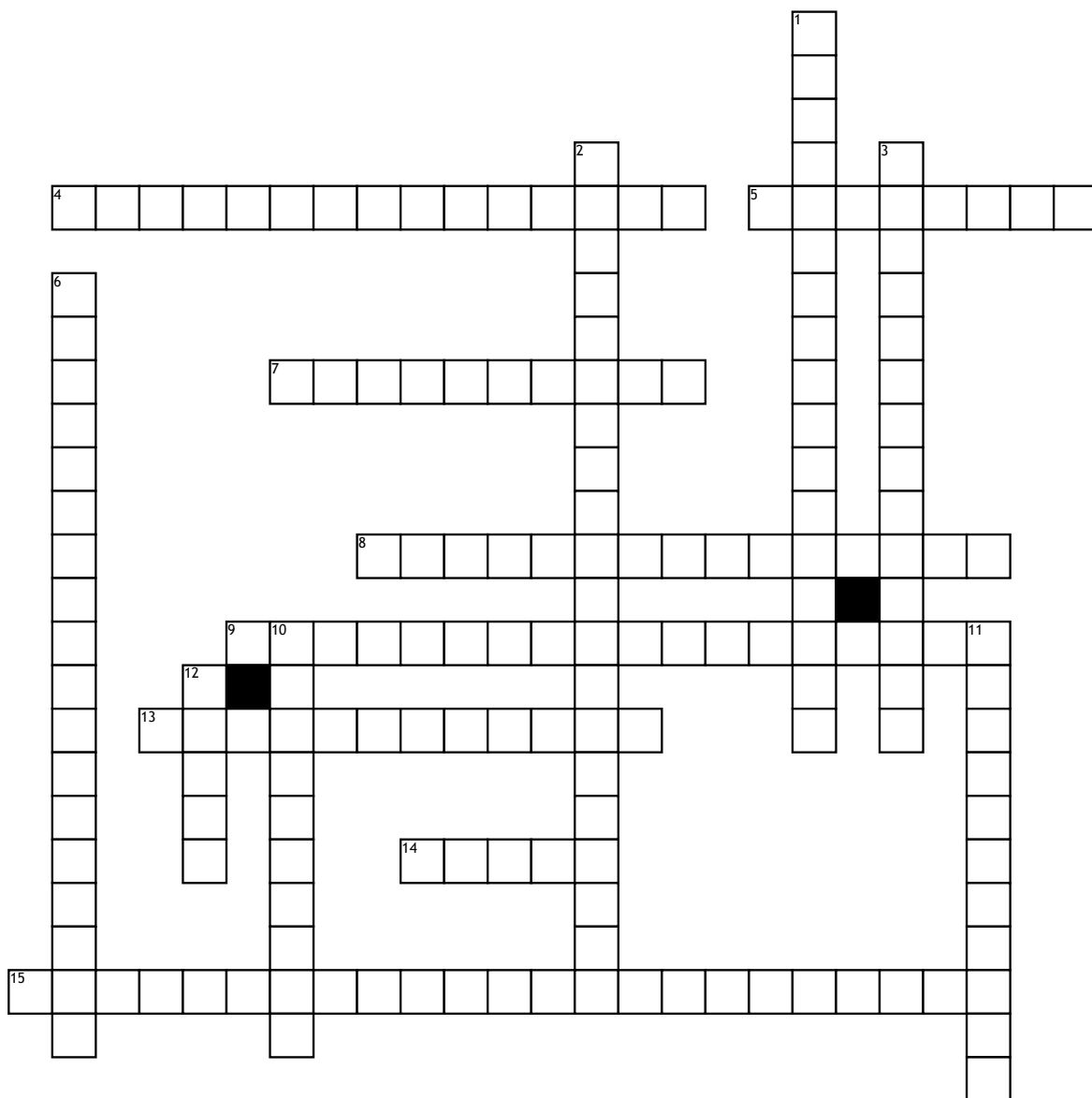


Systems of Equations



Across

4. a pair of numbers used to locate a point on a coordinate plane
 5. a symbol that represents an unknown number
 7. a solution to a system of equations that results in no x or y value that will satisfy both equations
 8. plane determined by a horizontal number line, called the x-axis, and a vertical number line, called the y-axis, intersecting at a point called the origin
 9. an inequality that when graphed will form a line that divides the coordinate plane into a shaded region and un-shaded region

13. another name of coordinate pairs

14. numbers or quantities arranged in rows and columns
 15. a solution to a system that results in one x value and one y value that will satisfy both equations a solution to a system that results in an unlimited amount of x values and an unlimited amount of y values that will satisfy both equations

Down

1. a statement that represents something in words
 2. lets you multiply a sum by multiplying each term separately and then add the products

3. An equation that when graphed will form a line

6. a set of two or more linear equations containing two or more variables
 10. an inequality is a mathematical sentence that uses symbols such as $<$, \leq , $=$, $>$, or \geq to compare two quantities
 11. an ordered pair (x, y) that makes BOTH equations true
 12. another name for a coordinate plane