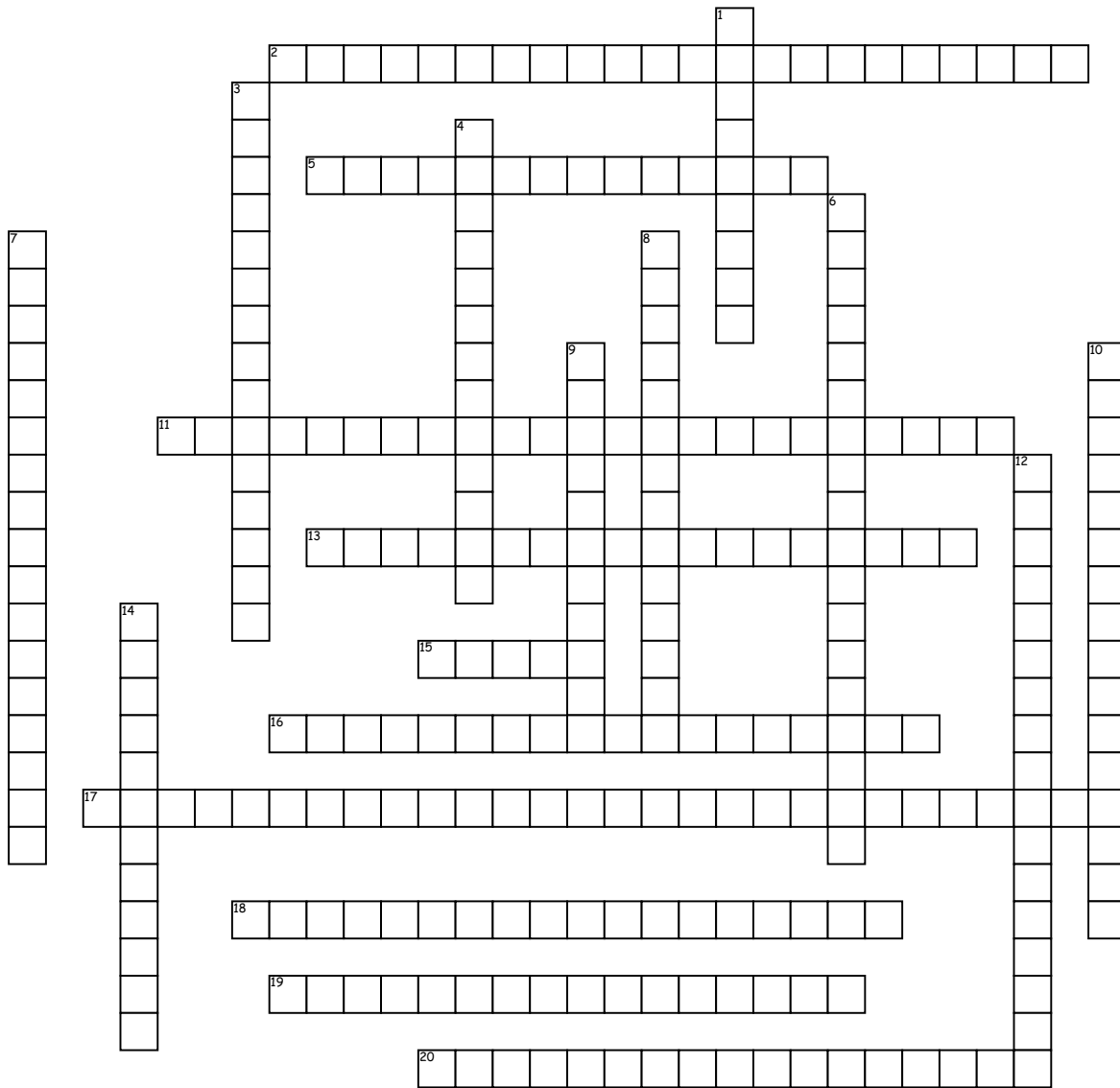# Systems of Equations Vocabulary

Across

2. Parallel lines on a graph.

5. An equation that when graphed will form a line.

11. A set of two or more equations that contain two or more variables.

13. Two lines that are co-planar and intersect to form four right angles.

15. The rate at which the y value of a linear function rises or falls as x increases.

16. A type of system that has a solution.

17. The same line graphed on top of itself.

18. A linear equation written in the form y= mx+b, where m represents slope and b represents the y intercept.

19. An inequality that when graphed will form a line that divides the coordinate plane into a shaded region and unshaded region.

20. A type of system that has two visible lines on the graph.

Down

1. The line is the same, points lie on the same line.

3. A type of system that has only one visible line on the graph.

4. Two lines that are co-planar and never intersect.

6. A method for solving a system of linear equations in which the equivalent expression of a variable is substituted for that variable into the other equation.

7. Method of solving a system in which two equations are added together in a manner that will eliminate one of the two variables.

8. An equation whose solutions form a straight line on a coordinate plane.

9. The number that is multiplied by the variable.

10. A type of system that has a solution.

12. The point of intersection for a system of equations.

14. Two lines cross at a point.