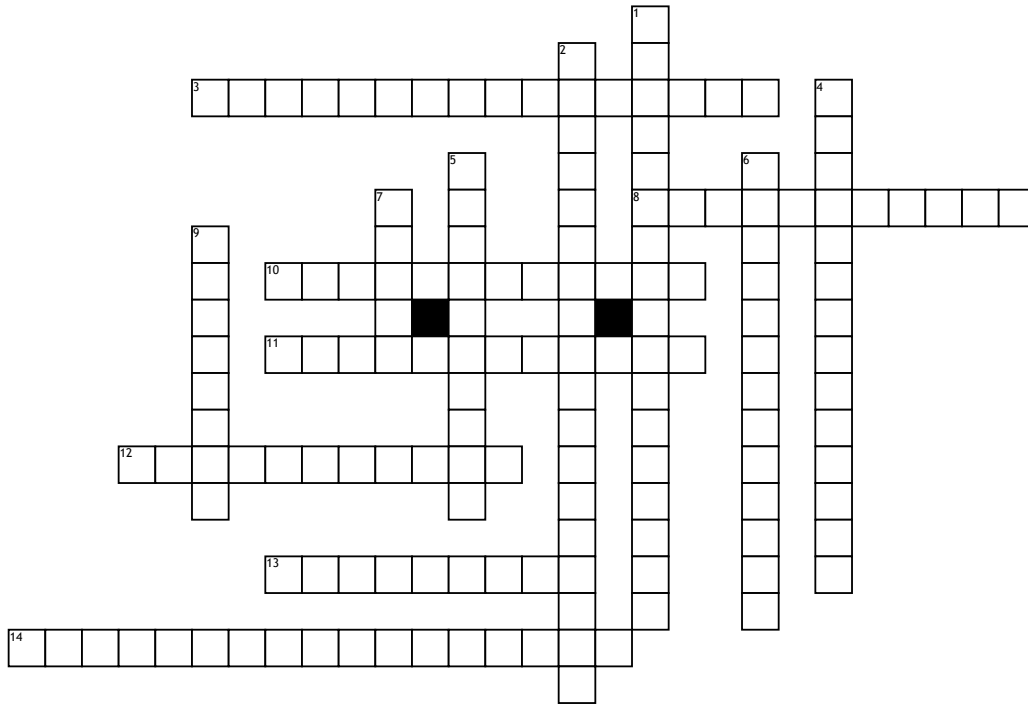


System of Equation Vocab



Across

- 3. An inequality that when graphed will form a line that divides the coordinate plane into a shaded region and unshaded region.
- 8. A type of system that has two visible lines on the graph.
- 10. A type of system that does not have a solution.
- 11. Two lines cross at a point called an intersection.
- 12. The number that is multiplied by the variable; $3x$ has a coefficient of 3.

- 13. A type of system that has only one visible line on the graph.
- 14. Method of solving a system in which two equations are added together in a manner that will eliminate one of the two variables.

Down

- 1. The point of intersection for a system of equations.
- 2. 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.

- 4. An equation that when graphed will form a line.
- 5. A type of system that has a solution.
- 6. Two lines that are co-planar and intersect to form four right angles are called perpendicular lines.
- 7. The rate at which the y value of a linear function rises or falls as x increases.
- 9. Two lines that are co-planar and never intersect are called parallel lines.

Word Bank

- | | | | |
|-----------------|----------------------|---------------|--------------------|
| Coefficient | Solution to a System | Perpendicular | Elimination Method |
| Linear Equation | Substitution Method | Slope | Intersection |
| Dependent | Inconsistent | Consistent | Parallel |
| Independent | Linear Inequality | | |