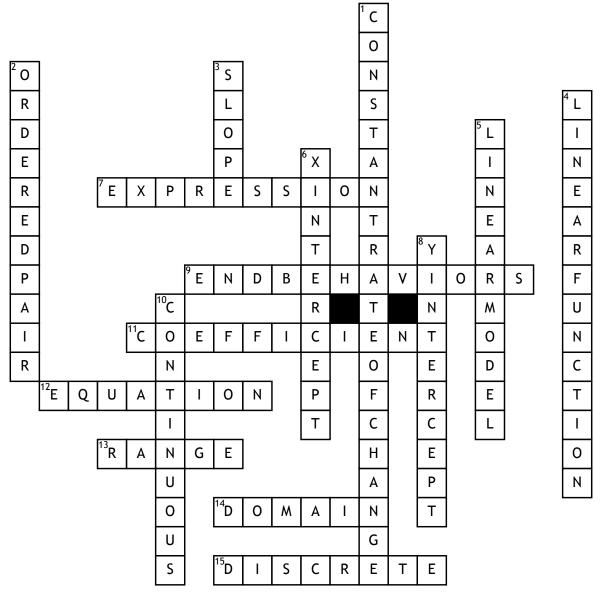
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Linear Functions



Across

- 7. A mathematical phrase involving at least one variable and sometimes numbers and operation
- 9. The appearance of a graph as it is followed farther and farther in **Down** either direction
- 11. A number multiplied by a variable in an algebraic expression; The number in front of variable
- **12.** A number sentence that contains an equals symbol
- 13. The set of all possible outputs of a function; All y-values

- 14. The set of x-coordinates of the set of points on a graph; All x-values. The value that is the input in a function or relation
- 15. A set with elements that are disconnected

- 1. With respect to the variable x of a linear function y = f(x), the constant rate of change is the slope of its graph
- 2. A pair of numbers, (x, y), that indicate the position of a point on a Cartesian plane

- 3. The ratio of the vertical and horizontal changes between two points on a surface or a line; rise over run
- 4. A function with a constant rate of change and a straight line
- 5. A linear function representing real -world phenomena. The model also represents patterns found in graphs and/or data
- 6. The point where a line meets or crosses the x-axis
- 8. The point where a line meets or crosses the y-axis
- 10. Describes a connected set of numbers, such as an interval