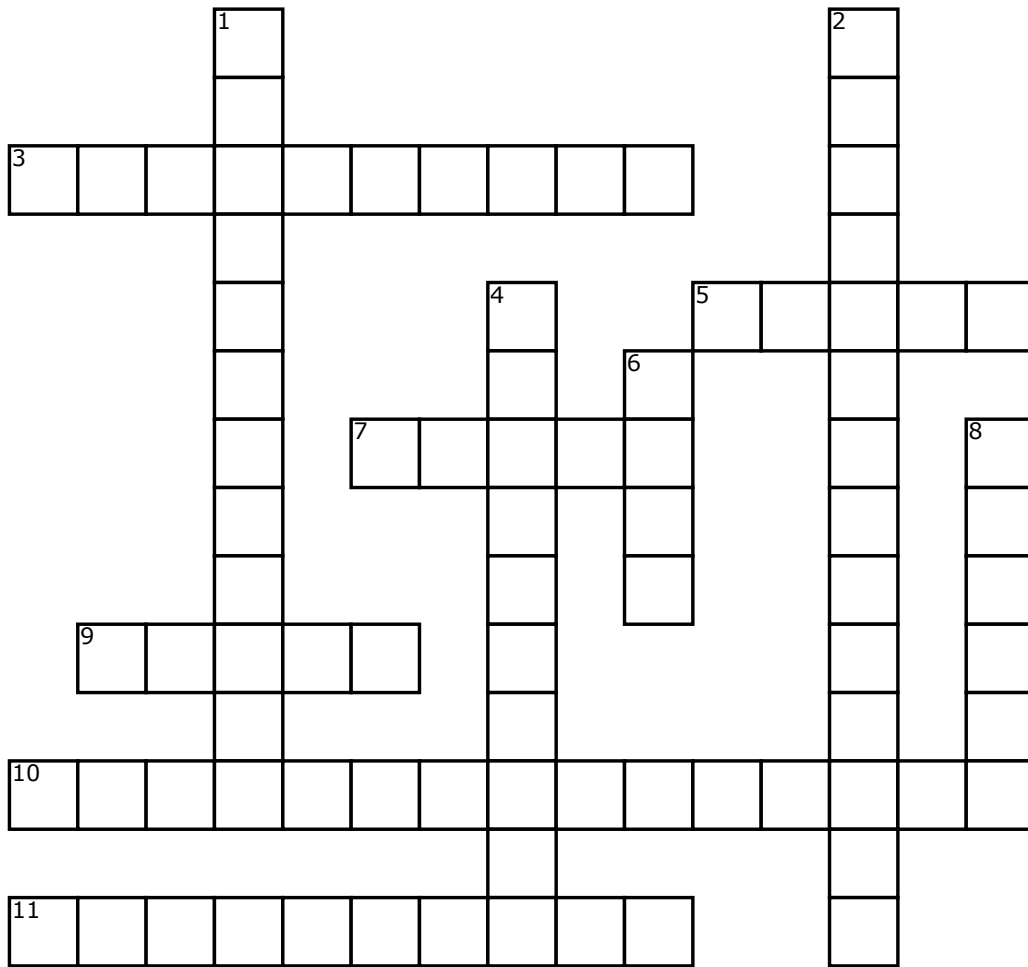


Linear Function Vocabulary



Across

- 3. The point where a graph crosses the x-axis. The y-value will always be zero.
- 5. The set of points (x,y) that are solutions to an equation.
- 7. The measure of steepness of a line.
- 9. The set of all possible outputs of a relation.
- 10. A relationship between two variables, x and y, that can be written in the form $y=kx$, where k is a non-zero constant, called the constant of variation.

- 11. The point where a graph crosses the x-axis. The y-value will always be zero.

Down

- 1. A ratio (fraction) that compares the change in dependent values to (or over) the change in independent values.
- 2. An equation whose solutions form a line.
- 4. A number of group of numbers used to define the location of a point.
- 6. The input (x-value) of a function that makes the output (y-value) zero. (The x-intercept on a graph of the function.)
- 8. The set of all possible inputs of a relation.

Word Bank

- | | | | |
|------------|-----------------|------------------|----------------|
| coordinate | linear equation | direct variation | x-intercept |
| range | slope | zero | rate of change |
| graph | domain | y-intercept | |