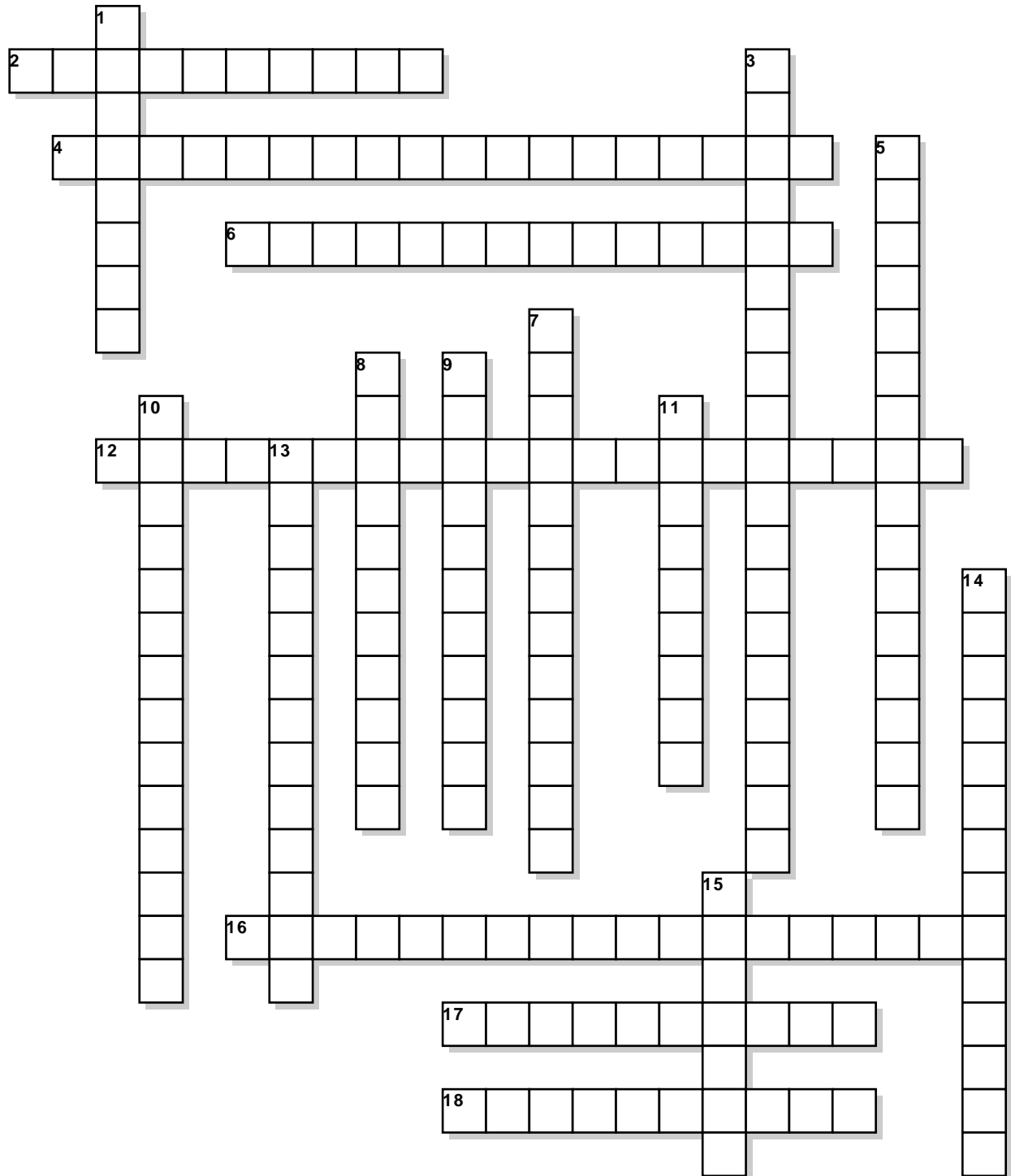


8th Grade CCS Math Vocabulary Crosswords 8



Across

- 2 One of two equal factors (multiplication) of a number - it is the side of a square.
- 4 A method of writing very large (34,200,000) or very small (0.0000029) numbers using powers of 10.
- 6 A number that can be expressed as a ratio (fraction) of two integers - terminating and repeating decimals are considered rational.
- 12 Involves the analysis of two variables for the purpose of determining a relationship.
- 16 A function (equation) whose graph is NOT a straight line.
- 17 The number of cubic units needed to fill a cone
- 18 Points where a line crosses the x-axis and y-axis.

Down

- 1 An input-output relationship that has exactly one output (y-value) for each input (x-value).
- 3 A linear equation written in the form $y = mx + b$, where m represents slope and b represent the y-intercept.
- 5 A number that can NOT be expressed as a ratio of two integers or as a repeating or terminating decimal - Pi or any square root of an imperfect square are considered irrational.
- 7 A straight line that comes closest to the points on a scatter plot - having an equal number of points above and below the line.
- 8 A graph with points plotted to show a possible relationship between two sets of data.
- 9 The number that is multiplied by (in front of) the variable in an algebraic expression.
- 10 An equation that makes a straight line when it is graphed - also called a linear function.
- 11 One of three equal factors (multiplication) of a number - it is the side of a cube.
- 13 The symbol used to represent the non-negative square root of a number.
- 14 A function (equation) whose graph is a straight line.
- 15 A value much greater or much less than the others in a set of data - any data point 1.5 times the interquartile range away from the 1st quartile (lower quartile) or 3rd quartile (upper quartile).

Possible Answers:

bivariate measurement, coefficient, cone volume, cubed root, function, intercepts, irrational number, line of best fit, linear equation, linear function, non-linear function, outlier, radical symbol, rational number, scatter plot, scientific notation, slope-intercept form, square root