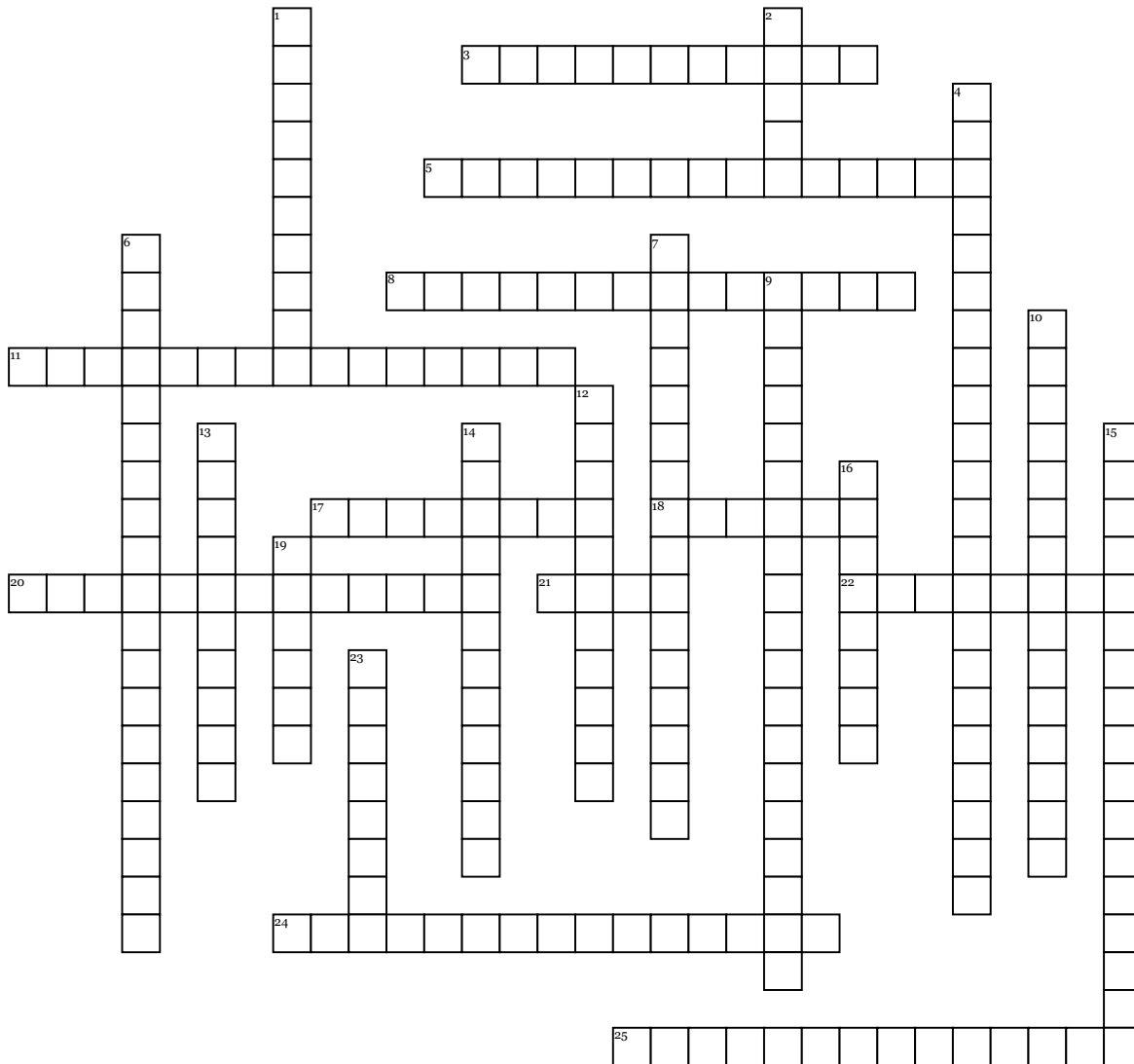


# Algebra 1 crossword puzzle



## Across

- 3.** A pair of numbers that can be used to locate a point on a coordinate plane
- 5.** A plane that is divided into four regions by a horizontal line called the x-axis and a vertical line called the y-axis.
- 8.** The y value, because it depends on the value of x
- 11.** numbers that can be written as fractions, including terminating and repeating decimals, and integers
- 17.** the point halfway between the endpoints of a segment
- 18.** the set of values of the independent variable for which a function is defined
- 20.** The distance a number is from zero on a number line
- 21.** an average of n numbers computed by adding some function of the numbers and dividing by some function of n

- 22.** a mathematical notation indicating the number of times a quantity is multiplied by itself
- 24.** A system used to condense a set of data where the greatest place value of the data forms the stem and the next greatest place value forms the leaves.
- 25.** The set of numbers 1, 2, 3, 4, ... Also called counting numbers.

## Down

- 1.** one of a pair of numbers whose product is 1: the reciprocal of  $\frac{2}{3}$  is  $\frac{3}{2}$
- 2.** the limits of the values a function can take
- 4.** Probability based on comparing the number of possible favorable outcomes to the number of total possible outcomes
- 6.** a relationship between variables in which one variable increases as the other variable also increases Negative Correlation an association between
- 7.** x value, because y depends on the x value

- 9.** A mathematical phrase involving at least one variable and sometimes numbers and operation symbols
- 10.** one of a pair of numbers whose sum is zero
- 12.** a graph with points plotted to show a possible relationship between two sets of data
- 13.** A statement that compares two quantities using  $<$ ,  $>$ ,  $\leq$ ,  $\geq$ , or  $\neq$
- 14.** Natural numbers ( counting numbers) and zero; 0, 1, 2, 3..
- 15.** Numbers that cannot be expressed as a ratio of two integers. Their decimal expansions are nonending and nonrepeating.
- 16.** All whole numbers (both positive and negative) and zero.
- 19.** The middle score in a distribution; half the scores are above it and half are below it. Mode
- 23.** a symbol (like x or y) that is used in mathematical or logical expressions to represent a variable quantity