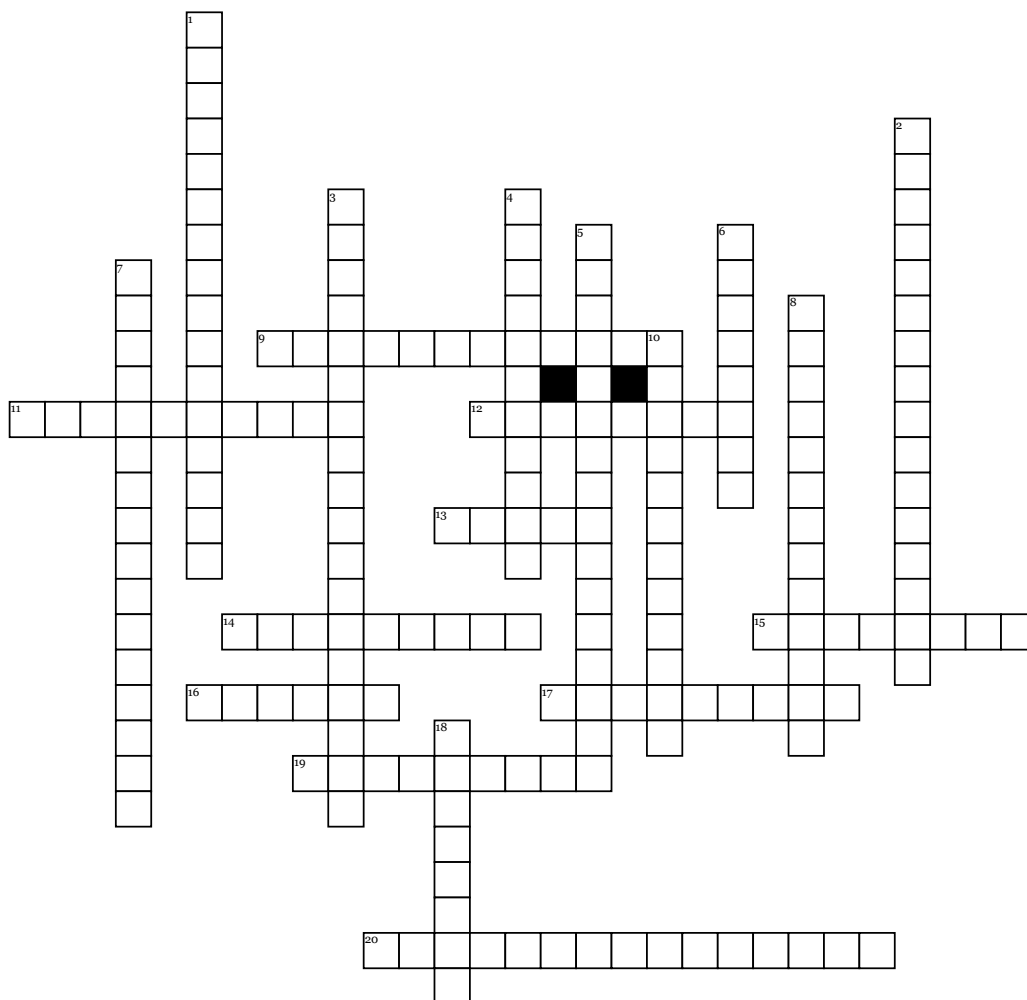# 20 Key Words



## Across

**9.** the relation between two expressions that are not equal, employing a sign such as ≠ "not equal to," > "greater than," or < "less than."

**11.** The branch of mathematics dealing with numerical data.

**12.** is a quantity that may change within the context of a mathematical problem or experiment.

**13.** is a measure of the steepness of a line, or a section of a line, connecting two points.

**14.** a statement that the values of two mathematical expressions are equal

**15.** a relationship or expression involving one or more variables

**16.** rectangular array of numbers or other mathematical objects for which operations such as addition and multiplication are defined

**17.** any base with an exponent of _____ is equal to one.

**19.** In the equation of a straight line

**20.** such that the sum of two solutions is a solution, and a constant multiple of a solution is a solution.

## Down

**1.** is a linear approach for modelling the relationship between a scalar dependent variable y and one or more explanatory variables

**2.** < is less than. > is greater than. ≤ is less than or equal to.

**3.** a set or collection of equations that you deal with all together at once.

**4.** add or subtract the equations to get an equation in one variable

**5.** written as a superscript number after the number being multiplied, which is called the base

**6.** a quantity representing the power to which a given number or expression is to be raised, usually expressed as a raised symbol beside the number or expression

**7.** how many times to divide by the number.

**8.** exponent says how many times to use the number in a multiplication. A negative exponent means divide, because the opposite of multiplying is dividing.

**10.** A strategy for solving systems of equations that include solving for one variable and using that solution to find the other variable.

**18.** solving simultaneous equations, and performing other tasks with variables

## Word Bank

| | | | |
|---|---|---|---|
| Zero power | Intercept | Variable | Equations |
| Substitution | Inequalities | Linear Inequality | Negative Exponent |
| graphing | Slope | Matrix | Elimination |
| linear regression | Function | Exponent | Exponent rules |
| Linear Equations | systems of equations | statistics | positive Exponent |