

Equation

Inequation

Variable

System

Simultaneous

Linear

Non-linear

Substitution

Elimination

Intersection

A mathematical statement that shows an inequality between two expressions, using symbols like $>$, $<$, \geq , or \leq .

A mathematical statement showing equality between two expressions.

A set of two or more equations that must be solved together to find common solutions for the variables.

A letter or symbol that represents an unknown quantity in an equation.

An equation or expression that can be graphed as a straight line. Linear equations involve variables raised to the first power only.

Equations that are solved together to find common solutions for the variables.

A method for solving systems of equations by replacing one variable with an expression in terms of the other variable.

An equation or expression that cannot be graphed as a straight line. Non-linear equations involve variables raised to powers other than 1.

The point where two or more lines or curves intersect, representing the common solution to a system of equations.

A method for solving systems of equations by adding or subtracting the equations to eliminate one of the variables.