

absolute value function

ascending/descending

binomial

degree of a polynomial

difference of squares

elimination method
(for solving a system of equations)

factor a polynomial

function notation

inequalities

intercepts (x & y)

irrational numbers

line of best fit

linear/nonlinear functions
(exponential, quadratic, absolute value)

linear systems

literal equations

monomial

parent graph
(linear, absolute value, quadratic, constant)

polynomial

quadratic equation

quadratic formula

rate of change

rational expression

real numbers

relations

substitution method
(for solving a system of equations)

trinomial

arithmetic/geometric
sequences

asymptotes

completing the square

complex numbers

composition

conic sections

conjugate (complex)

correlation

curve of best fit

delta

discriminant

Functions

(exponential, polynomial, logarithmic,
etc.)

imaginary

inverse function

logarithm

matrix

minimum/maximum

(relative, absolute)

normal distribution curve

(Gaussian)

parent function

(exponential, polynomial, logarithmic)

radical equation

sigma

standard deviation

synthetic division

three-dimensional
coordinate

transformation (algebraic)

variance

weighted averages

zero of a function

altitude

angle of
depression/elevation

angle relationships
(complementary, supplementary, etc.,
expressed algebraically)

Arc
(measurement, length, major, minor)

central angle

chord

conditional statements
(converse, inverse, contrapositives)

congruence

conjecture

construction
(protractor, compass, straightedge)

convex/concave

corresponding parts

counterexample

deductive reasoning

distance formula

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Euclidean/non-Euclidean
Geometry

inductive reasoning

inscribed angles and
polygons circumscribed

interior/exterior angles
(of a figure)

lateral surface area

median of a triangle

midpoint formula

polyhedral

Proof
(formal, paragraph, flow, algebraic)

Pythagorean
theorem-area model

reflexive, symmetric and
transitive properties

secant line

tangent line

theorem/postulate/
conjecture

total surface area

transformation
(reflection, rotation, translation)

trigonometric ratio
(sine, cosine, tangent)