

Mathematics Vocabulary Grades 6 - 8

A

Acute angle

Acute triangle

Axes (of a graph)

Absolute value

Accuracy

Add

Addend

Addition

Additive identity

Additive inverse

Addition property of inequality

Addition property of zero

Adjacent angle(s)

Adjacent side(s)

Algebra

Algebraic equation

Algebraic expression

Algebraic rule

Algebraic solution

Alternate interior angle(s)

Altitude

Analyze

Angle

Angle of rotation

Application

Approximate

Area

Area of a rectangle/circle

Arithmetic

Arithmetic

Array

Ascending order

Assign

Associative property of addition/multiplication

Average

Axis of rotation

Axis of symmetry

Mathematics Vocabulary Grades 6 - 8

B

Bar graph
Base
Base of figure
Base of a power
Below
Below zero
Best approximation
Between
Billions (place value)
Border
Borrow
Bottom
Bound
Boundary
Box-and-whisker
Braces
Brackets

C

Capacity
Cancellation
Capacity
Cardinal number
Carry
Cartesian coordinate system
Celsius
Census
Cent
Center
Center of a circle
Centi-
Central tendency
Certain
Certain event
Change
Chart
Check
Chord
Circle
Circle circumscribed about a polygon

Mathematics Vocabulary Grades 6 - 8

Circle graph
Circle inscribed in a polygon
Circle inscribed in a triangle
Circumference
Circumference of a circle
Circumscribe
Circumscribed triangle
Circumscribed about
Circumscribed circle
Circumscribed polygon
Classification of triangles
Clockwise
Clockwise rotation
Closed figure
Coefficient
Coin
Combination
Combine like terms
Common denominator
Common divisor
Common factor
Common multiple
Common side
Common vertex
Commutative property of addition/multiplication
Commute
Comparison
Compass
Complement
Complementary angles
Complete
Composite number
Compound events
Concrete representations of numbers
Cone
Congruent
Consecutive even integers
Consecutive integers
Consecutive odd integers
Coordinate
Coordinate grid or system
Corresponding angle(s)

Mathematics Vocabulary Grades 6 - 8

Count
Counterclockwise rotation
Counting principle
Counting number
Cross section
Cube
Cup
Customary units
Cylinder

D

Dashed line
Data
Dashed line
Data
Data table
Decade
Decagon
Deci-
Decimal
Decimal number system
Deck of cards
Decrease
Degree
Degree of an angle
Denominator
Density
Dependent events
Descending order
Designated value
Diagonal
Diagram
Diameter of a circle, sphere
Dice
Die
Difference
Digit
Digital
Dilation
Dimension
Direct measure
Display

Mathematics Vocabulary Grades 6 - 8

Distance
Distinct
Distinct arrangements
Divide
Dividend
Divisibility
Divisible
Division
Divisor
Dotted line
Dot
Down payment
Dozen
Draw at random
Draw the figure

E

Edge
Effects of operation
Empirical probability
Endpoint
Enumeration
Equal
Equal chance
Equality
Equally likely
Equally spaced points
Equation
Equilateral
Equivalent
Equivalent forms of a number
Equivalent expression
Equivalent sets
Estimation
Evaluate
Even
Evenly distributed
Event
Exact
Exercise
Evaluate an algebraic expression
Experiment

Mathematics Vocabulary Grades 6 - 8

Explain
Explain in words
Exponent
Exponential
Exponential form
Express
Expression
Extend
Exterior angle
Extreme and mean ratio

F

Face
Factor
Factor completely
Factor tree
Factorial
Factorization
Fahrenheit
Favorable outcomes
Feet
Figure
Find
Finish
First quartile
First-quadrant
Formed by a transversal
Formula
Fourth-quadrant
Fraction
Frequency

G

Gallon
Generalization
Geometric
Geometry
Gram
Graph
Graphic calculator
Graphic solution

Mathematics Vocabulary Grades 6 - 8

Greater than
Greatest common factor
Greatest common monomial factor
Grid
Group

H

Half
Height
Heptagon
Hexagon
Histogram
Horizontal
Hour
Hundred
Hundredth
Hypotenuse

I

Identity property
Illustrate
Image
Impossible event
Improper fraction
Inch
Increase
Increasing sequence
Increasing series
Increment
Independent event
Indirect measurement
Inequality
Initial
Input
Inscribe
Insert
Integer
Interest
Interior angle
Interval
Irreducible

Mathematics Vocabulary Grades 6 - 8

Isosceles triangle

Item

J

Justify

K

Kilo-

L

Least common factor

Least common multiple

Leg

Length

Less than

Line

Line graph

Line of reflection

Line of symmetry

Line segment

Linear coordinates

Linear equation

Linear inequality

Linear pair

Liter

Loss

Lowest common denominator

Lowest common multiple

M

Mean

Measure

Measures of central tendency

Median

Meter

Metric

Mile

Milli-

Minuend

Minus

Minute

Mathematics Vocabulary Grades 6 - 8

Mixed number
Mode
Model
Multiple
Multiplicand
Multiplication
Mutually exclusive

N

Natural number
Nearest
Negative correlation
Nonagon
Number
Number line
Numeral
Numerator

O

Obtuse
Octagon
Odd
One-to-one mapping
Open expression
Operation
Opposite
Order
Ordered pair
Origin
Ounce
Outcome
Output

P

Pair
Palindrome
Parabola
Parallel
Parallelogram
Pattern
Pentagon

Mathematics Vocabulary Grades 6 - 8

Per
Percent
Percent increase
Percent decrease
Perfect square
Perimeter
Permutation
Perpendicular
Perspective
Pi
Pictograph
Picture graph
Pint
Place holder
Place value
Plane geometric figures
Plot
Plus
Point
Polygon
Positive
Positive correlation
Possibility
Pound
Prime
Principle
Prism
Probability
Profit
Proper fraction
Property
Proportion
Protractor
Prove
Pyramid
Pythagorean Theorem

Q

Quadrant
Quadrilateral
Quantity
Quart

Mathematics Vocabulary Grades 6 - 8

Quarter-turn

Quotient

R

Radical

Radicand

Radius (Radii)

Random

Range

Rate

Rational

Ray

Real number

Reciprocal

Rectangle

Reduce

Reflected image

Reflection

Region

Regular polygon (figure)

Remainder

Repeating decimal

Replacement

Reverse

Rhombus

Right angle

Roman number

Rotation

Rotational symmetry

Round

Row

Ruler

S

Sample

Scale

Scale drawing

Scale of a graph

Scalene triangle

Scatter plot

Scattergram

Mathematics Vocabulary Grades 6 - 8

Scientific notation
Second
Second quadrant
Segment
Semicircle
Sentence
Set
Shape
Side
Sign
Signed numbers
Significant digits
Similar figures (similarity)
Simplify
Sketch
Slope
Solid
Solution set
Solve
Space
Sphere
Square
Square pyramid
Square root
Straight angle
Subset
Subtraction
Subtrahend
Sum
Supplement
Supplementary
Surface
Surface area
Symbol
Symmetry

T

Table
Tally
Term
Theoretical probability
Third-quadrant

Mathematics Vocabulary Grades 6 - 8

Third quartile
Ton
Transformation
Transitive
Translation
Transversal
Trapezoid
Trend line
Trial
Triangle
Triangular prism
Triangular pyramid

U

Undefined
Unit
Unlike terms
Upper quartile

V

Value
Variable
Venn diagram
Verbal
Verify
Vertex (vertices)
Vertical
Volume

W

Whole number
Width
With replacement
Without replacement

X

x-axis
x-coordinate
x-intercept of a line

Mathematics Vocabulary Grades 6 - 8

Y

y-axis

y-coordinate

y-intercept of a line

Yard

Z

Zero

Zero exponent

Zero slope