

# Grade 4 Mathematics Vocabulary

## Unit One Vocabulary

Point	Side
Line segment	Pentagon
Endpoint	Polygon
Line	Convex
Ray	Concave
Angle	Hexagon
Vertex	Heptagon
Right angle	Octagon
Triangle	Nonagon
Quadrangle	N-gon
Quadrilateral	Interior
Square	Regular polygon
Rhombus	Equilateral triangle
Rectangle	Compass
Parallelogram	Circle
Trapezoid	Inscribed circle
Kite	Circle
Parallel lines	Radius
Intersect	Concentric circles
Parallel line segments	
Parallel rays	

## Unit Two Vocabulary

Name collection box
Equivalent name
Mathematical expression
Counting numbers
Whole numbers
Digit
Place
Guess
Estimate
Tally chart
Landmark
Maximum
Minimum
Range
Mode
Partial-sums method
Column-addition method
Partial-differences method
Algorithm
Bar graph
Trade-first method

## Unit Three Vocabulary

Multiplication facts
Factor
Product
Square numbers
Turn around facts
Percent
Dividend
Divisor
Quotient
Remainder
Fact family
Number sentence
False number sentence
True number sentence
Variable
Open sentence
Solve
Solution
Logic grid
Logic
Parentheses

## Unit Four Vocabulary

ONE
Whole
Unit
Tenth
Hundred
Odometer
Trip-meter
Speedometer
Deposit
Withdrawal
Balance
Interest
Thousandth
Centimeter
Millimeter
Meter
Decimeter
Personal measurement reference
invertebrate

## Unit Five Vocabulary

Extended multiplication facts
Estimation
Rough estimate
Magnitude estimate
Partial products method
Partial product
Lattice method
Lattice
Million
Billion
Trillion
Quadrillion
Quintillion
Sextillion
Powers of 10
Exponent

## Unit Six Vocabulary

Equal- groups notation	Counterclockwise rotation
Quotient	Acute angle
Remainder	Obtuse angle
Dividend	Reflex angle
Divisor	Straight angle
Partial quotient	Protractor
Multiplication/division diagram	Base line
Index of locations	Sphere
Letter-number pair	North Pole
Ordered number pair	South Pole
Map scale	Axis
Rotation	Equator
Turn	Prime Meridian
Clockwise	Hemisphere
Degree	Latitude
Right angle	Parallel
Angle	Longitude
Side of angle	Meridian bar
Vertex of angle	
Clockwise rotation	

## Unit Seven Vocabulary

Whole
Denominator
Numerator
"whole" box
Mixed number
Equilateral triangle
Equivalent fractions
Equivalent fractions rule
Unit fraction
Fair
Equal chance
Expect
Equally

## Unit Eight Vocabulary

Time and motion study
Work triangle
Perimeter
Rough floor plan
Scale drawing
Scale
Area
Square units
Base
Width
Length
Height
Formula
Variable
Perpendicular
Equilateral triangle
Isosceles triangle

## Unit Nine Vocabulary

Percent
100% box
Terminating decimal, repeating decimal
Regular or list price
Discount
Percent or fraction of discount
Sale price
Urban
Rural
Life expectancy
Rank
Literate
Illiterate
Percent of literacy

## Unit Ten Vocabulary

Transparent mirror
Recessed
Image
Pre-image
Reflection
Line of reflection
Line of symmetry
Symmetric
Turn symmetry
Frieze pattern
Flip
Translation
Rotation
Opposite (of a number)
Credit
Debit

## Unit Eleven Vocabulary

Gram
Rectangular prism
Triangular prism
Square pyramid
Cylinder
Cone
Sphere
Geometric solid
Curved surface
Cube
Edge
Face
Flat surface
Vertex
3-D
Polyhedron
Triangular pyramid
Dodecahedron
Cubic units
Volume dimensions
Rectangular prism formula
Capacity

## Unit Twelve Vocabulary

Rate
Per
Rate table
Unit rate
Unit price label
Consumer
Products
Service
Comparison shopping
Unit price