

Topics to be Covered in 5th Class Mathematics

Topic	Content
Numbers	Indian Place Value System
Numbers	Reading and Writing
Numbers	Face Value and Place Value
Numbers	Expanded Forms
Numbers	Reading Numbers in International System
Numbers	Comparing
Numbers	Ordering
Numbers	Forming
Numbers	Roman
Addition and Subtraction	Addition
Addition and Subtraction	Properties of Addition
Addition and Subtraction	Subtraction
Addition and Subtraction	Minuend, Subtrahend and Difference

Addition and Subtraction	Properties of Subtraction
Addition and Subtraction	Rounding of Numbers
Addition and Subtraction	Estimating the Sum and Differences
Multiplication and Division	Multiplication
Multiplication and Division	Properties of Multiplication
Multiplication and Division	Multiplicand, Multipliers and Product
Multiplication and Division	Division
Multiplication and Division	Properties of Division
Multiplication and Division	Estimating Products and Quotients
Factors and Multiples	Factor
Factors and Multiples	Properties of Factors
Factors and Multiples	Multiples
Factors and Multiples	Properties of Multiples
Factors and Multiples	Divisibility Tests
Factors and Multiples	Prime Numbers
Factors and Multiples	Composite Numbers
Factors and Multiples	Twin Prime

Factors and Multiples	Prime Factorisation
Factors and Multiples	Prime Factorisation by Division Method
Factors and Multiples	Prime Factorization by Factor Tree Method
Factors and Multiples	Common Factor and Highest Common Factor (H.C.F.)
Factors and Multiples	Common Multiples and Least Common Multiples (L.C.M.)
Factors and Multiples	Relation between HCF and LCM
Factors and Multiples	Application of LCM and HCF
Fractions	Types of Fractions (Like, Unlike, Equivalent)
Fractions	Proper, Improper and Mixed Fractions, Fraction as Division
Fractions	Expressing an Improper Fraction as a Mixed Fraction
Fractions	Expressing an Mixed Fraction as a Improper Fraction
Fractions	Ordering
Fractions	Comparing
Fractions	Addition
Fractions	Subtraction
Fractions	Degree of Closeness of Two Fraction
Fractions	Multiplication

Fractions	Multiplication by Whole Number
Fractions	Multiplication by Fraction
Fractions	Division
Fractions	Reciprocal
Fractions	Division by Non-Zero Number
Fractions	Division by a Fraction
Decimals	Decimal Fraction
Decimals	Reading and Writing
Decimals	Whole number Part and Decimal Number Part
Decimals	Place Value Chart
Decimals	Expanded Form
Decimals	Equivalent Form
Decimals	Like and Unlike Decimal
Decimals	Converting Unlike Decimal to Like Decimal
Decimals	Converting Like Decimal to Unlike Decimal
Decimals	Comparison
Decimals	Addition

Decimals	Multiplication
Decimals	Multiplication by Whole Number
Decimals	Multiplication by Decimal Number
Decimals	Division by Decimal Number
Decimals	Conversion of Decimal into Fraction
Percentage	To Convert Percent into Fraction or Decimal
Percentage	To Convert Fraction or Decimal into Percent
Percentage	Finding Percent of a Number
Percentage	Finding one number as percentage of other number
Money	Conversion of Paise into Rupees and Rupees into Paise
Money	Addition
Money	Subtraction
Money	Multiplication
Money	Division
Money	Profit and Loss
Money	Finding Cost Price and Selling Price
Measurement	Measurement of Length

Measurement	Conversion of Smaller Units into Bigger Units
Measurement	Conversion of Bigger Units into Smaller Units
Measurement	Addition and Subtraction of Lengths
Measurement	Multiplication and Division of Lengths
Measurement	Measurement of Weight
Measurement	Conversion of Smaller Units into Bigger Units
Measurement	Conversion of Bigger Units into Smaller Units
Measurement	Addition and Subtraction of Weights
Measurement	Multiplication and Division of Weights
Measurement	Measurement of Capacity
Measurement	Conversion of Smaller Units into Bigger Units
Measurement	Conversion of Bigger Units into Smaller Units
Measurement	Addition and Subtraction of Capacities
Measurement	Multiplication and Division of Capacities
Time	Clock
Time	Number of Days in Month
Time	Conversion of Bigger Units into Smaller Units

Time	Conversion of Years, Months, Weeks and Days
Time	Conversion of Days, Hours, Minutes and Seconds
Time	Conversion of Smaller Units into Bigger Units
Time	Conversion of Years, Months, Weeks and Days
Time	Conversion of Days, Hours, Minutes and Seconds
Time	24-Hour Clock
Time	Converting 12-Hour Clock Time into 24-Hour Clock Time
Time	Converting 24-Hour Clock Time into 12-Hour Clock Time
Time	Addition and Subtraction
Time	Addition and Subtraction of Bigger Units of Time
Time	Starting and Finishing Time of an Activity
Time	Starting and Finishing Date of an Event
Geometry	Point
Geometry	Line
Geometry	Line Segment
Geometry	Rays
Geometry	Intersecting, Parallel and Perpendicular Lines

Geometry	Angle
Geometry	Home to Name - Angles
Geometry	Types of Angles
Geometry	Drwaing of An angle
Geometry	Symmetry
Geometry	Transformation of 2D Shapes
Geometry	Reflection
Geometry	Rotation
Geometry	Translation
Geometry	Reflection of 2D Shapes
Geometry	Rotation 2D Shapes
Geometry	Rotational Symmetry
Geometry	Order of Rotational Symmetry
Geometry	Rotational Symmetry in Letters
Geometry	Perspective View of 3D Objects in 2D
Geometry	Characteristics of a Perspective View
Geometry	Perspective View of 3D Shapes

Perimeter, Area, Volume	Perimeter
Perimeter, Area, Volume	Perimeter of Rectangle
Perimeter, Area, Volume	Perimeter of Square
Perimeter, Area, Volume	Area
Perimeter, Area, Volume	Units of Area
Perimeter, Area, Volume	Conversion of Units of Area
Perimeter, Area, Volume	Area of Rectangle and Square
Perimeter, Area, Volume	Volume
Perimeter, Area, Volume	Units of Volume
Perimeter, Area, Volume	Conversion of Units of Volume
Perimeter, Area, Volume	Volume of Cuboid and Cube
Pattern	Square Pattern
Pattern	Properties of Square Pattern
Pattern	Triangular Number
Pattern	Properties of Traingular Number
Pattern	Border Strips
Pattern	Tiling Patterns

Data Handling	Data
Data Handling	Collection of Data
Data Handling	Presentation of Data
Data Handling	Pictograph
Data Handling	Bar Graph
Data Handling	Method-How to Draw Bar Graph
Data Handling	Pie Chart (Circle Graph)
Data Handling	Reading Pie Chart
Data Handling	Line Graph
Data Handling	Reading Line Graph