

Number

- Decimals
- Fraction Arithmetic
- Fraction of a Number
- Value as a Fractions of Another
- Recurring Decimals
- Percentage as Operator
- Laws of Indices
- Standard Form Conversions
- Standard Form Calculations
- Simplifying Surds

Algebra

- Equation of a Straight Line
- Linear Equations
- Identities
- Simplifying Algebraic Fractions
- Changing the Subject
- Recognise Graphs
- Sketch Functions
- Speed Time Graphs
- Inequality Regions
- Interpret Graphs
- Algebraic Sequences

Geometry

- Congruence
- Prisms
- Shapes and Faces
- Exact Trig Values
- Sector of a Circle
- Vector Geometry
- Constructions and Regions

Probability

- Expected Value
- Venn Diagrams
- Tree Diagrams
- Independent Events

Ratio & Proportion

- Simplifying Ratio
- Proportion Problems

Statistics

- Cumulative Frequency

www.thegcsemathstutor.co.uk

Revision Videos

Everything you need
to get a Grade 5
(Higher & Foundation)



Everything you need
to get a Grade 6-9
(Higher Only)



Formula Videos

All the GCSE Maths
Formulas Grade 5+
(Higher & Foundation)



All the GCSE Maths
Formulas Grade 6-9
(Higher Only)



Number

- Fraction Products
- Prime Numbers
- Cube Numbers
- Reciprocals
- Decimal Places
- Error Intervals
- Bounds
- Negative Indices

Algebra

- Equation of a Circle
- Linear Equations
- Quadratic Equations
- Number Line Inequality
- Multiplying Out
- Factorising Quadratics
- Completing the Square
- Coordinate Problem
- Perpendicular Lines
- Turning Points
- Inverse Functions
- Triangular Number Sequence

Ratio & Proportion

- Share in a Ratio
- Ratios on a Line
- Fractions to Percentages
- Percentage Increase
- Percentage Decrease
- Time Conversions
- Equation to Percentage
- Rate of Output
- Pressure

Geometry

- Plans
- Pythagoras Theorem
- Measures of Time
- Area of Compound Shapes
- Cones
- Hemispheres
- Volume Scale Factors
- Geometric Proof

Statistics

- Pie Charts
- Mean
- Estimation from Sample

Probability

- Relative Frequency
- Notation

Revision Videos

Everything you need
to get a Grade 5
(Higher & Foundation)



Everything you need
to get a Grade 6-9
(Higher Only)



Formula Videos

All the GCSE Maths
Formulas Grade 5+
(Higher & Foundation)



All the GCSE Maths
Formulas Grade 6-9
(Higher Only)



www.thegcsemathstutor.co.uk

Algebra

- Quadratic Equations
- Simultaneous Equations
- Simplification
- Triple Brackets
- Changing the Subject
- Factorisation
- Quadratics
- Roots and Turning Points
- Quadratic Graphs
- Exponential Graphs
- Composite Functions
- Arithmetic Sequences
- Geometric Sequences
- Nth Terms
- Quadratic Simultaneous Equations

Number

- Highest Common Factor
- Lowest Common Multiple
- Error Intervals
- Ordering Decimals
- Recurring Decimals
- Product Rule for Counting

Ratio & Proportion

- Share in a Ratio
- Percentage Increase
- Compound Interest
- Average Speed
- Population Density

Geometry

- Quadrilaterals
- Circle Theorems
- Trigonometry
- Sine/Cosine Rule
- Area of Compound Shapes
- Cylinders
- Vector Arithmetic
- Bearings

www.thegcsemathstutor.co.uk

Revision Videos

Everything you need
to get a Grade 5
(Higher & Foundation)



Everything you need
to get a Grade 6-9
(Higher Only)



Probability

- Independent Events

Statistics

- Two-way Table
- Histogram
- Box Plot
- Line of Best Fit
- Median, Quartiles
- Interquartile Range
- Outlier

Formula Videos

All the GCSE Maths
Formulas Grade 5+
(Higher & Foundation)



All the GCSE Maths
Formulas Grade 6-9
(Higher Only)

