

Number

- Four Operations
- Negative Numbers
- Order of Operations
- Estimation
- Arithmetic
- Fraction of a Number
- Laws of Indices
- Standard Form Conversions
- Standard Form Calculations
- Inequality Notation
- Systematic Listing

Ratio & Proportion

- Length Conversions
- Percentage of an Amount
- Fractions Less than 1
- Simplifying Ratio
- Ratios as Fractions
- Cost Problems
- Density

Algebra

- Linear Equations
- Recognise Graphs
- Plot Graphs
- Linear Graphs
- Intersection of Lines
- Interpret Graphs
- Formulae
- Nth term of a Sequence
- Using nth terms

Geometry

- Parts of a Circle
- Types of Triangle
- Translations
- Perimeter
- Sector of a Circle
- Angles in a Triangle
- Construction Regions

Probability

- Probability Problems
- Venn Diagrams

Statistics

- Two Way Tables
- Averages Problem
- Outliers

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

Number

- Order of Operations
- Fraction of a Number
- Improper Fractions
- Fraction to a Decimal
- Number Line Decimal
- Number Problems
- Prime Numbers
- Cube Numbers
- Decimal Places
- Inequality Notation

Ratio & Proportion

- Time
- Ratio and Percentage
- Percentage Increase
- Percentage Decrease
- n:1 form
- Scale Diagram
- Better Value
- Ratio to Percentage
- Equation to Percentage
- Rate of Output
- Proportion Problem

Algebra

- Linear Equations
- Equivalent Expressions
- Algebraic Terms
- Multiplying Out
- Factorisation
- Coordinates
- Midpoint
- Point on a Line
- Gradient of a Line
- Equation of a Line

Geometry

- Draw a Shape
- Quadrilateral
- Parallelogram
- Part of a Circle
- Pythagoras
- Time Problem
- Compound Shape

Probability

- Relative Frequency
- Expected Value
- Tree Diagram

Statistics

- Pie Charts
- Range
- Mean

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)



Geometry

- Shape Names
- Regular Shapes
- Line Symmetry
- Rotational Symmetry
- Circles
- Cylinders
- Spheres
- Trigonometry
- Compound Shapes
- Perimeter
- Alternate Angles
- Vector Arithmetic

Ratio & Proportion

- Lengths
- Time
- Percentage Increase
- Fraction to a Percentage
- Share in a Ratio
- Ratio Problem
- Interpretation
- Ratio to Graph
- Average Speed

Algebra

- Number Machines
- Simplification
- Substitution
- Formula
- Roots
- Turning Points
- Arithmetic Sequences
- Geometric Sequences
- Nth Terms of Sequences

Number

- Place Value
- Factors
- Multiples
- Highest Common Factor
- Error Intervals
- Calculations
- Money Problems
- Units of Measure

Probability

- Frequency Trees
- Estimate the Probability

Statistics

- Relative Frequency
- Expected Value
- Tree Diagrams

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