

### Number

- Quotients
- Priority of Operations
- Percentage Calculations
- Percentage Change
- Reverse Percentages
- Upper and Lower Bounds
- Standard Form Representation
- Decimals, Fractions, Percentages

### Algebra

- Factorising Quadratics
- Multiply Out Brackets
- Algebraic Fractions
- Formulate Expressions
- Substitute into Expressions
- Use of Brackets
- Solving Inequalities
- Equations of Circles
- Quadratic Graphs
- Algebraic Proofs

### Geometry

- Properties of a Triangle
- Circle Theorems
- Angles in Polygons
- Angles in Parallel Lines
- Length and Time
- Compound Unit Rates
- Circle Theorems
- Circumference of a Circle
- Pythagoras Theorem
- Volume of Pyramids and Spheres

### Ratio & Proportion

- Direct Proportion
- Growth and Decay
- Solve Ratio and Proportion Problems

### Statistics

- Collecting Data
- Scatter Diagrams and Outliers

### Probability

- Enumeration
- Conditional Probability
- Calculations with the Laws of Probability

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### Number

- Fraction Arithmetic
- Decimal Arithmetic
- Types of Numbers
- Factors and Multiples
- Decimals and Fractions
- Recurring Decimals
- Percentage Calculations
- Percentage Change
- Index Notation
- Powers of Integers
- Surds and Exact Calculations
- Rounding
- Estimation
- Standard Form Representation
- Standard Form Calculation

### Algebra

- Simplifying Expressions
- Multiply Out Brackets
- Formulate Expressions
- Rearranging Formula
- Substitute into Expressions
- Use of Brackets
- Use Kinematics Formula
- Quadratic Equations
- Approximate Using Iterations
- Equations of Circles
- Drawing/Interpreting Graphs
- Distance/Speed-Time Graphs
- Parallel/Perpendicular Lines
- Equation of a Line

### Statistics

- Graphical Misrepresentation
- Pie Charts
- Line Graphs and Time Series

### Geometry

- Units of Speed, Distance, Time
- Transformations
- Construct Loci
- Maps, Bearings, Scale Drawing
- Circumference and Arc Length
- Area of a Rectangle
- Trigonometry
- Exact Trigonometric Ratios

### Ratio & Proportion

- Simplify Ratios
- Use Ratio
- Inverse Proportion

### Probability

- Relative Frequency
- Venn Diagrams and Sets
- Conditional Probability
- Equally Likely Outcomes and Probability

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### Algebra

- Simplifying Expressions
- Factorise Expressions
- Multiplying Out Brackets
- Completing the Square
- Formulate Expressions
- Rearranging Formula
- Use of Brackets
- Linear Equations
- Solving Inequalities
- Quadratic Equations
- Graphical Inequalities
- Features and Types of Graphs
- Trigonometric Graphs
- Transformations of Graphs
- Drawing/Interpreting Graphs
- Solution Set for Inequalities

### Number

- Types of Number
- Factors and Multiples
- Percentage Change
- Reverse Percentages
- Index Notation
- Laws of Indices
- Rounding
- Standard Form Calculations

### Ratio & Proportion

- Use Ratio
- Calculate with Proportions
- Direct Proportion
- Growth and Decay Problems

### Geometry

- Congruency Reasons
- Cuboids and Prisms
- Area and Circumference
- Area of a Triangle
- Trigonometry
- Non-Right Angles Triangles
- Units of Money, Distance, Mass, Volume and Area
- Length, Area and Volume Scale Factors

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### Probability

- Sample Space
- Calculate with Laws of Probability
- Conditional Probability
- Equally Likely Outcomes and Probability

### Statistics

- Cumulative Frequency

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