

Paper 1 (non-calc) – Friday 20 May am

Number (see Ratio)	
Arithmetic	Decimal Arithmetic
Fractions	Fraction of a number Value as fraction of another Recurring decimals as fractions
Percentage	Percentage as operator
Indices	Laws of Indices
Standard Form	Conversion Calculation
Surds	Simplification

Algebra	
Equations	Of a straight line Linear
Manipulation	Identity Simplification of algebraic fraction Simplification Factorisation of quadratic Change subject
Graphs	Recognise Sketch function Speed time Inequality region Interpret
Sequences	Algebraic

Ratio (see Number)	
Ratio	Simplest form Proportion problem

Geometry and Measures	
Shape	Congruence Prism Faces Exact trigonometric values
Area and Volume	Sector a of circle
Vectors	Vector geometry
Constructions	Region

Statistics	
	Cumulative frequency
Probability	Venn diagram Tree diagram Expected value Independent events

Paper 2 (calc) – Tuesday 7 June am

Number (see Ratio)	
Properties	Prime number Cube number Reciprocal Decimal places Bounds
Fractions	Products
Indices	Negative

Algebra	
Equations	Of a circle Linear Quadratic Number line inequality
Manipulation	Factorisation of quadratic Multiply out Completing the square
Graphs	Coordinate problem Perpendicular lines Turning point
Functions	Inverse
Sequences	Triangular number

Ratio (see Number)	
Ratio	Share into a ratio On a line
Fraction	To percentage
Conversions	Time
Applications	Equation to percentage Rate of output Pressure
Percentage	Percentage increase Percentage decrease

Geometry and measures	
Area and Volume	Compound shape Cone Hemisphere Volume scale factor
Shape	Plan Pythagoras
Measures	Time
Other	Geometric proof

Statistics	
	Estimation from sample Pie chart Mean
Probability	Relative frequency Expected value Notation

Paper 3 (calc) – Monday 13 June am

Number (see Ratio)	
Properties	Highest Common Factor Lowest Common Multiple Error interval
Decimals	Ordering Recurring
Other	Product rule for counting

Algebra	
Equations	Quadratic Simultaneous linear/quadratic
Manipulation	Simplification Triple bracket Factorisation Quadratic
Graphs	Roots Turning points Quadratic Exponential
Functions	Composite
Sequences	Arithmetic Geometric n th term

Ratio (see Number)	
Ratio	Share into a ratio
Applications	Average speed Population density
Percentages	Percentage increase Compound interest

Geometry and Measures	
Area and Volume	Compound shape Cylinder
Shape	Quadrilateral Circle theorems Trigonometry Sine/Cosine rule
Vectors	Vector arithmetic
Other	Bearing

Statistics	
	Two-way table Histogram Box plot Median, quartiles Interquartile range Line of best fit Outlier
Probability	Independent events