










Topic	Grade	Test Title	Student Rating		
					
Algebra	9	Approximate solutions to equations using iteration.			
	9	Equation of a circle			
	9	Equation of a tangent			
	8	Algebra and Proof			
	8	Gradients and area under a graph			
	8	Graphs of trigonometric functions			
	8	Quadratic equations (completing the square)			
	7	Composite functions			
	7	Expand the product of two or more binomials			
	7	Factorising difficult quadratic expressions			
	7	Geometric Sequences			
	7	Graphs of exponential functions			
	7	Quadratic equations (needing re-arrangement)			
	7	Quadratic equations (quadratic formula)			
	7	Real-life exponential graphs			
	7	Represent quadratic inequalities			
	7	Simultaneous equations (non-linear)			
	7	Solve quadratic inequalities			
	7	Translations and reflections of a function			
	7	Turning points & completing the square			
	6	Algebraic fractions			
	6	Identifying parallel lines			
	6	Inverse functions			
	6	Linear inequalities in two variables			
	6	nth term of a quadratic sequence			
	6	Quadratic equations (factorisation)			
	6	Quadratic equations (graphical methods)			
	6	Represent linear inequalities			
	6	Simultaneous equations (linear)			
	5	Algebraic argument			
	5	Algebraic terminology			
	5	Cubic and Reciprocal graphs			
	5	Deduce quadratic roots algebraically			
5	Derive an equation				
5	Equation of a line				
5	Expand the product of two binomials				
5	Factorising quadratic expressions				




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Algebra	5	Fibonacci, quadratic and simple geometric sequences			
	5	Graphical solution to equations			
	5	Inequalities on number lines			
	5	Linear equations			
	5	Quadratic graphs			
	5	Reciprocal real-life graphs			
	5	Simplify indices			
	5	Simplify surds			
	5	Solve linear inequalities in one variable			
	5	Writing formulae and expressions			
	4	Changing the subject			
	4	Collecting like terms			
	4	Expressions			
	4	Factorise single bracket			
	4	Finding the equation of a line			
	4	Graphs of linear functions			
	4	Graphs of quadratic functions			
	4	Linear equations one unknown			
	4	Multiplying single brackets			
	4	Non-standard real life graphs			
	4	nth term of a linear sequence			
	4	Number machines			
	4	Substitution			
	4	Using " $y = mx + c$ "			
	3	Coordinates in four quadrants			
	3	Plotting straight line graphs			
	3	Position to term rules			
	3	Sequences of square, triangular and cube numbers			
	3	Using Formulae			
	2	Sequences and Rules			
Geometry	8	Circle theorems			
	8	Vector arguments and proof			
	7	Area of a triangle			
	7	Cosine Rule			
	7	Pythagoras and trig 2D and 3D			
	7	Sine Rule			
	6	Combined transformations			
	6	Congruence and Similarity			
	6	Standard trigonometric ratios			
	5	Arc lengths and sectors			
5	Derive triangle results				

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Geometry & Measures	5	Enlargements and negative SF			
	5	Loci			
	5	Pythagoras			
	5	Similarity and Congruence			
	5	Standard constructions			
	5	Surface Area			
	5	Trigonometric ratios			
	5	Volume			
	4	Alternate and corresponding angles			
	4	Area of a circle			
	4	Areas of composite shapes			
	4	Areas of triangles, trapezia and parallelograms			
	4	Bearings			
	4	Circle terminology			
	4	Circumference of a circle			
	4	Congruent triangles			
	4	Enlargements and fractional SF			
	4	Perimeter of 2D shapes			
	4	Plans and elevations			
	4	Polygons			
	4	Solve geometrical problems			
	4	Vector arithmetic			
	4	Volume of prisms			
	3	3-D Shapes			
	3	Congruent and similar shapes			
	3	Geometrical terminology and diagrams			

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	3	Measuring lines and angles			
	3	Properties of quadrilaterals			
	3	Properties of triangles			
	3	Translations and vectors			
	3	Using standard units			
Number	8	Surds			
	7	Index Laws (negative and fractional)			
	7	Product rule			
	7	Recurring Decimals			
	7	Upper and lower bounds			
	6	Finance 1			
	6	Powers and Roots			
	6	Product of prime factors			
	6	Using Pi			
	5	Calculating with fractions			
	5	Error intervals			
	5	Index Laws			
	5	Limits of accuracy			
	4	Adding and subtracting fractions			
	4	Checking calculations			
	4	Compound measures			
	4	Converting metric units			
	4	Estimation			
	4	Fractions and percentages			
	4	Fractions and ratio problems			
	4	Interpret calculator displays			
	4	LCM and HCF			
	4	Multiples and factors			
	4	Multiplying fractions			
	4	Operations			
	4	Order of operations			
	4	Powers			
	4	Rounding			
	4	Standard Form			
	4	Terminating decimals and fractions			
	3	Decimals			
	3	Listing outcomes			
3	Prime numbers				
3	Using standard units				
2	Add and Subtract integers				
2	Dividing integers				
2	Multiplying integers				

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	2	Ordering numbers				
	2	Place value				
Probability	7	Conditional Probability				
	5	Probability of dependent events				
	5	Probability of independent events				
	4	Mutually exclusive sum				
	4	Relative Frequency				
	4	Tables and Grids				
	4	Theoretical Probability				
	4	Unbiased Samples				
	4	Venn Diagrams				
	3	Frequency Trees				
	3	Probability of equally likely outcomes				
	Rates of change	9	Gradients and the rate of change			
		7	General iterative processes			
6		Direct and inverse proportion				
5		Compound Units				
5		Gradient & the rate of change				
5		Growth and decay				
5		Interpret Proportion				
5		Percentage change				
5		Problems with compound units				
5		Scale factors and similarity				
5		Simple Interest and Financial Maths				
5		Solve Proportion Problems				
4		Compare Fractions, Decimals and Percentages				
4		Compare lengths, area, volume				
4		Comparing quantities as a ratio				
4		Division of a quantity as a ratio				

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Ratio, Proportion and	4	Express one quantity as a % of another			
	4	Percentage change			
	4	Problems involving ratio			
	4	Proportion and ratio			
	4	Ratio and fractions			
	4	Ratio Sharing			
	3	Convert standard units			
	3	Express one quantity as a fraction of another			
	3	Use ratio notation			
	3	Use scale factors, diagrams and maps			
Statistics	6	Boxplots			
	6	Cumulative frequency			
	6	Histograms with unequal class widths			
	6	Quartiles and Interquartile Range			
	5	Histograms with equal class widths			
	5	Scatter graphs			
	4	Comparing data using graphs			
	4	Comparing Distributions			
	4	Correlation			
	4	Population			
	4	Scatter Diagrams			

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	4	Time series			
	3	Charts and Diagrams			
	3	Pie Charts			
	3	Types of data			
	3	Vertical Line Charts			