

Clip Number	Higher	Topic	Grade	On Paper 1	On Paper 2	On Paper 3	Clip Number	Higher	Topic	Grade	On Paper 1	On Paper 2	On Paper 3
66	Multiplying Decimals	Number	3	Y			145	Bisecting an Angle	Geometry	4			
67	Dividing Decimals	Number	3				146a	Constructing Perpendiculars - Bisecting a Line	Geometry	4			
68a	Four Rules of Negatives - Adding and Subtracting	Number	3				146b	Constructing Perpendiculars - From any Point	Geometry	4			
68b	Four Rules of Negatives - Multiplying and Dividing	Number	3				147	Draw a Triangle Using Compasses	Geometry	4			
69	Listing Strategies	Number	3				148	Enlargements	Geometry	4			
70	Comparing Fractions	Number	3				149	Tangents, Arcs, Sectors and Segments	Geometry	4			Y
71a	Adding and Subtracting Fractions - A Standard Method	Number	3				150a	Pythagoras' Theorem - A Simple Approach	Geometry	4	Y		
71b	Adding and Subtracting Fractions - An Alternative Method	Number	3				150b	Pythagoras' Theorem - An Algebraic Approach	Geometry	4			Y
72	Finding a Fraction of an Amount	Number	3		Y	Y	150c	Pythagoras' Theorem - Line on a Graph	Geometry	4			
73	Multiplying Fractions	Number	3	Y		Y	151	Simple Tree Diagrams	Probability	4		Y	
74	Dividing Fractions	Number	3				152	Sampling Populations	Probability	4			Y
75	BCDMS/BDMS	Number	3				153	Line Series	Probability	4			
76	Reciprocals	Number	3				154	Negative Indices	Number	5	Y		
77	Calculator Questions	Number	3			Y	155	Error Intervals	Number	5		Y	
78	Product of Primes	Number	3	Y			156	Mathematical Reasoning	Number	5	Y		
79	Highest Common Factor (HCF)	Number	3				157	Factorising and Solving Quadratics	Algebra	5	Y		Y
80	Lowest Common Multiple (LCM)	Number	3				158	The Difference of Two Squares	Algebra	5		Y	Y
81	Squares, Cubes and Roots	Number	3				159a	Finding the Equation of a Straight Line - $y=mx+c$	Algebra	5	Y	Y	Y
82	Working with Indices	Number	3				159b	Finding the Equation of a Straight Line - Gradient and C	Algebra	5		Y	Y
83	Standard Form	Number	3	Y	Y		160	Roots and Turning Points of Quadratics	Algebra	5			
84	Decimals and Fractions	Number	3			Y	161	Cubic and Reciprocal Graphs	Algebra	5		Y	
85	Fractions, Percentages, Decimals	Number	3			Y	162	Simultaneous Equations Algebraically	Algebra	5	quad		Y
86	Percentage of an Amount (Calc.)	Number	3		Y	Y	163	Geometric Progressions	Algebra	5			
87	Percentage of an Amount (Non-Calc.)	Number	3				164	Compound Interest and Depreciation	Ratio	5		Y (interest)	Y
88	Change to a Percentage (Calc.)	Number	3			Y	165	Loops	Geometry	5			
89	Change to a Percentage (Non-Calc.)	Number	3			Y	166	Congruent Triangles	Geometry	5	Y		
90	Rounding to Significant Figures	Number	3				167	Sectors of a Circle	Geometry	5		Y	Y
91	Estimating Answers	Number	3	Y			168	Trigonometry	Geometry	5		Y	Y
92	Using Place Value	Number	3				169	Spheres	Geometry	5			
93	Expanding Brackets	Algebra	3				170	Pyramids	Geometry	5			
94	Simple Factorisation	Algebra	3				171	Cones	Geometry	5	Y		
95	Substitution	Algebra	3				172	Frustums	Geometry	5			
96	Straight Line Graphs	Algebra	3			Y	173	Exact Trigonometric Values	Geometry	5	Y		
97	The Gradient of a Line	Algebra	3	Y			174	Introduction to Vectors	Geometry	5	Y		
98	Drawing Quadratic Graphs	Algebra	3				175	Harder Tree Diagrams	Probability	5		Y	
99	Sketching Functions	Algebra	3				176	Stratified sampling	Probability	5			
100	Solving Equations using Flowcharts	Algebra	3				177	Recurring Decimals to Fractions	Number	6			
101	Subject of a Formula using Flowcharts	Algebra	3				178	Product of Three Binomials	Algebra	6	Y	Y	
102	Generating a Sequence from the nth Term	Algebra	3				179	Iteration - Trial and Improvement	Algebra	6			
103	Finding the nth Term	Algebra	3				180	Iterative Processes	Algebra	6			Y
104	Special Sequences	Algebra	3				181a	Enlargement - Negative Scale Factor - Using Construct	Geometry	6			
105	Exchanging Money	Ratio	3		Y	Y	181b	Enlargement - Negative Scale Factor - Using Column V	Geometry	6			
106	Sharing using Ratio	Ratio	3		Y	Y	182	Combinations of Transformations	Geometry	6		Y (reflections)	
107	Ratios, Fractions and Graphs	Ratio	3	Y	Y	Y	183	Circle Theorems	Geometry	6			Y
108	Increase/Decrease by a Percentage	Ratio	3				184	Proof of Circle Theorems	Geometry	6			
109	Percentage Change	Ratio	3			Y	185	Probability using Venn Diagrams	Probability	6			Y
110	Reverse Percentage Problems	Ratio	3	Y		Y	186	Cumulative Frequency	Probability	6		Y	
111	Simple Interest	Ratio	3				187	Boxplots	Probability	6			Y
112	Metric conversions	Geometry	3			Y	188	Fractional Indices	Number	7	Y	Y	
113	Problems on Coordinate Axes	Geometry	3				189	Recurring Decimals proof	Number	7		Y	
114a	Surface Area of a Prism - Cuboids	Geometry	3				190	Rearranging difficult Formulae	Algebra	7			Y
114b	Surface Area of a Prism - Triangular Prisms	Geometry	3				191	Solving Quadratics with the Formula	Algebra	7			Y
115	Volume of a Cuboid	Geometry	3				192	Factorising Hard Quadratics	Algebra	7	Y	Y	Y
116	Circle Definitions	Geometry	3				193	Algebraic Proof	Algebra	7	Y		
117	Area of a Circle	Geometry	3			Y	194	Exponential Functions	Algebra	7		Y	Y
118	Circumference of a Circle	Geometry	3				195a	Trigonometric Graphs - Sine and Cosine	Algebra	7		Y	
119	Volume of a Prism	Geometry	3				195b	Trigonometric Graphs - Tangent	Algebra	7			
120	Angles and Parallel Lines	Geometry	3				196a	Transformation of Functions - Polynomial Functions	Algebra	7			Y
121	Angles in a Triangle	Geometry	3				196b	Transformation of Functions - Trigonometric Functions	Algebra	7			
122	Properties of Special Triangles	Geometry	3				197	Equation of a Circle	Algebra	7		Y	Y
123	Angle Sum of Polygons	Geometry	3			Y	198	Regions	Algebra	7			Y
124	Bearings	Geometry	3				199	Direct and Inverse Proportion	Ratio	7	Inverse		
125	Experimental Probabilities	Probability	3		Y		200	Similarity - Area and Volume	Geometry	7			
126	Possibility Spaces	Probability	3			Y	201	The Sine Rule	Geometry	7			
127a	Venn Diagrams - Introduction	Probability	3			Y	202	The Cosine Rule	Geometry	7	Y		
127b	Venn Diagrams - Notation	Probability	3			Y	203	Area of a Triangle Using Sine	Geometry	7		Y	Y
128a	Representing Data - Pie Charts	Probability	3				204	And or Probability Questions	Probability	7	Y		
128b	Representing Data - Stem and Leaf Diagrams	Probability	3				205	Histograms	Probability	7		Y	
129	Scatter Diagrams	Probability	3	Y			206	Upper and Lower Bounds	Number	8-9			
130a	Averages from a table - Basics	Probability	3			Y	207a	Surds - Introduction to Surds	Number	8-9			Y
130b	Averages from a table - Estimate for the Mean	Probability	3				207b	Surds - Surd Expressions	Number	8-9			Y
131	Index Notation	Number	4				207c	Surd Rationalising the Denominator	Number	8-9			
132	Introduction to Bounds	Number	4				208	Perpendicular Lines	Algebra	8-9	Y	Y	
133	Midpoint of a Line on a Graph	Algebra	4				209a	Completing the Square - Basics	Algebra	8-9			
134a	Expanding and Simplifying Brackets - Single Set of Brackets	Algebra	4		Y		209b	Completing the Square - Solving	Algebra	8-9			Y
134b	Expanding and Simplifying Brackets - Double Set of Brackets	Algebra	4	Y			209c	Completing the Square - Sketching	Algebra	8-9			
135a	Solving Equations - Balancing	Algebra	4			Y	210a	Algebraic Fractions - Simplifying	Algebra	8-9		Y	Y
135b	Solving Equations - Float & Ping	Algebra	4			Y	210b	Algebraic Fractions - Solving	Algebra	8-9		Y	
136	Rearranging Simple Formulae	Algebra	4			Y	211	Simultaneous Equations with a Quadratic	Algebra	8-9	Y		
137	Forming Formulae and Equations	Algebra	4				212	Solve Quadratic Inequalities	Algebra	8-9			Y
138	Inequalities on a Number Line	Algebra	4				213	Finding the nth Term of a Quadratic	Algebra	8-9		Y	
139	Solve Linear Inequalities	Algebra	4			Y	214a	Inverse Functions - Introduction	Algebra	8-9			
140	Simultaneous Equations Graphically	Algebra	4			Y	214b	Inverse Functions - Harder Questions	Algebra	8-9			
141	Fibonacci Sequences	Algebra	4				215	Composite Functions	Algebra	8-9			
142	Compound Units	Ratio	4		Y	Y	216	Vectors-Time Graphs	Algebra	8-9			
143	Distance-Time Graphs	Ratio	4		Y	CALC	217	Pythagoras in 3D	Geometry	8-9			
144	Similar Shapes	Ratio	4		Y		218	Trigonometry in 3D	Geometry	8-9			
							219	Vectors	Geometry	8-9	Y		