

Clip Number	Foundation	Topic	Grade	On Paper 1	On Paper 2	On Paper 3	Clip Number	Foundation	Topic	Grade	On Paper 1	On Paper 2
1	Place Value	Number	1			Y	93	Expanding Brackets	Algebra	3		
2	Ordering Integers	Number	1			Y	94	Simple Factorisation	Algebra	3		Y
3	Ordering Decimals	Number	1			Y	95	Substitution	Algebra	3	Y	
4	Reading Scales	Number	1			Y	96	Straight Line Graphs	Algebra	3		
5	Simple Mathematical Notation	Number	1	Y	Y	Y	97	The Gradient of a Line	Algebra	3	Y	
6a	Interpreting Real-Life Tables - Time	Number	1				98	Drawing Quadratic Graphs	Algebra	3		
6b	Interpreting Real-Life Tables - Timetables and Distance Tables	Number	1				99	Sketching Functions	Algebra	3		
7	Introduction to Algebraic Conventions	Algebra	1	Y	Y	Y	100	Solving Equations using Flowcharts	Algebra	3	Y	
8	Coordinates	Algebra	1				101	Subject of a Formula using Flowchart	Algebra	3		
9	Simple Geometric Definitions	Geometry	1				102	Generating a Sequence from the nth	Algebra	3		
10	Polygons	Geometry	1				103	Finding the nth Term	Algebra	3		Y
11	Symmetries	Geometry	1				104	Special Sequences	Algebra	3		
12a	Tessellations and Congruency - Tessellations	Geometry	1				105	Exchanging Money	Ratio	3		
12b	Tessellations and Congruency - Congruent Shapes	Geometry	1				106	Sharing using Ratio	Ratio	3		Y
13	Names of Angles	Geometry	1				107	Ratios, Fractions and Graphs	Ratio	3		Y
14	The Probability Scale	Probability	1	Y			108	Increase/Decrease by a Percentage	Ratio	3	Y	
15	Tally Charts and Bar Charts	Probability	1		Y		109	Percentage Change	Ratio	3		Y
16	Pictograms	Probability	1		Y		110	Reverse Percentage Problems	Ratio	3		
17	Adding Integers and Decimals	Number	2			Y	111	Simple Interest	Ratio	3		
18	Subtracting Integers and Decimals	Number	2			Y	112	Metric conversions	Geometry	3	Y	Y
19	Multiplying Integers	Number	2	Y		Y	113	Problems on Coordinate Axes	Geometry	3		
20	Dividing Integers	Number	2	Y			114a	Surface Area of a Prism - Cuboids	Geometry	3		
21	Inverse Operations	Number	2				114b	Surface Area of a Prism - Triangular	Geometry	3		
22a	Money Questions - Non-Calculator Questions	Number	2	Y			115	Volume of a Cuboid	Geometry	3		
22b	Money Questions - Calculator Questions	Number	2		Y	Y	116	Circle Definitions	Geometry	3		
23	Negatives in Real Life	Number	2			Y	117	Area of a Circle	Geometry	3	Y	
24	Introduction to Fractions	Number	2	Y	Y		118	Circumference of a Circle	Geometry	3		
25	Equivalent Fractions	Number	2				119	Volume of a Prism	Geometry	3		
26	Simplifying Fractions	Number	2				120	Angles and Parallel Lines	Geometry	3		
27	Half-Way Values	Number	2				121	Angles in a Triangle	Geometry	3		
28	Factors, Multiples and Primes	Number	2	Y	Y		122	Properties of Special Triangles	Geometry	3		
29	Introduction to Powers/Indices	Number	2	Y	Y		123	Angle Sum of Polygons	Geometry	3		
30	Multiplying and Dividing by Powers of 10	Number	2				124	Bearings	Geometry	3		
31	Rounding to the Nearest 10, 100, 1000	Number	2			Y	125	Experimental Probabilities	Probability	3		Y
32	Rounding to Decimal places	Number	2	Y			126	Possibility Spaces	Probability	3		
33	Simplifying - Addition and Subtraction	Algebra	2		Y		127a	Venn Diagrams - Introduction	Probability	3		
34	Simplifying - Multiplication	Algebra	2	Y			127b	Venn Diagrams - Notation	Probability	3		
35	Simplifying - Division	Algebra	2		Y		128a	Representing Data - Pie Charts	Probability	3	Y	
36	Function Machines	Algebra	2				128b	Representing Data - Stem and Leaf	Probability	3		
37	Generating a Sequence - Term to Term	Algebra	2	Y	Y		129	Scatter Diagrams	Probability	3	Y	
38	Introduction to Ratio	Ratio	2	Y		Y	130a	Averages from a table - Basics	Probability	3		
39	Using Ratio for Recipe Questions	Ratio	2				130b	Averages from a table - Estimate for	Probability	3		
40	Introduction to Percentages	Ratio	2			Y	131	Index Notation	Number	4		Y
41	Value for Money	Ratio	2				132	Introduction to Bounds	Number	4		Y
42	Simple Proportion	Ratio	2	Y		Y	133	Midpoint of a Line on a Graph	Algebra	4		
43	Properties of Solids	Geometry	2				134a	Expanding and Simplifying Brackets	Algebra	4		
44	Nets	Geometry	2				134b	Expanding and Simplifying Brackets	Algebra	4	Y	
45	Angles on a Line and at a Point	Geometry	2		Y(point)		135a	Solving Equations - Balancing	Algebra	4	Y	
46a	Measuring and drawing Angles - Measuring	Geometry	2				135b	Solving Equations - Float & Ping	Algebra	4		
46b	Measuring and drawing Angles - Drawing	Geometry	2				136	Rearranging Simple Formulae	Algebra	4		
47	Drawing a Triangle Using a Protractor	Geometry	2				137	Forming Formulae and Equations	Algebra	4		
48	Reflections	Geometry	2		Y		138	Inequalities on a Number Line	Algebra	4	Y	
49	Rotations	Geometry	2		Y		139	Solve Linear Inequalities	Algebra	4		
50	Translations	Geometry	2				140	Simultaneous Equations Graphically	Algebra	4		
51	Plans and Elevations	Geometry	2		Y	Y	141	Fibonacci Sequences	Algebra	4		
52	Perimeters	Geometry	2				142	Compound Units	Ratio	4		Y
53	Area of a Rectangle	Geometry	2				143	Distance-Time Graphs	Ratio	4		Calculation only
54	Area of a Triangle	Geometry	2	Y			144	Similar Shapes	Ratio	4		Y
55	Area of a Parallelogram	Geometry	2	Y			145	Bisecting an Angle	Geometry	4		
56	Area of a Trapezium	Geometry	2				146a	Constructing Perpendiculars - Bisect	Geometry	4		Y
57	Frequency Trees	Probability	2				146b	Constructing Perpendiculars - From	Geometry	4		
58	Listing Outcomes	Probability	2			Y	147	Draw a Triangle Using Compasses	Geometry	4		
59	Calculating Probabilities	Probability	2	Y (simple)			148	Enlargements	Geometry	4		
60	Mutually Exclusive Events	Probability	2		Y		149	Tangents, Arcs, Sectors and Segments	Geometry	4		
61	Two-Way Tables	Probability	2				150a	Pythagoras' Theorem - A Simple App	Geometry	4	Y	
62	Averages and the Range	Probability	2			Y	150b	Pythagoras' Theorem - An Algebraic	Geometry	4		
63	Data - Discrete and Continuous	Probability	2				150c	Pythagoras' Theorem - Line on a Gra	Geometry	4		
64	Vertical Line Charts	Probability	2				151	Simple Tree Diagrams	Probability	4		
65	Frequency Tables and Diagrams	Probability	2			Y	152	Sampling Populations	Probability	4		
66	Multiplying Decimals	Number	3	Y			153	Time Series	Probability	4		
67	Dividing Decimals	Number	3			Y	154	Negative Indices	Number	5		
68a	Four Rules of Negatives - Adding and Subtracting	Number	3				155	Error Intervals	Number	5		Y
68b	Four Rules of Negatives - Multiplying and Dividing	Number	3				156	Mathematical Reasoning	Number	5		Y
69	Listing Strategies	Number	3			Y	157	Factorising and Solving Quadratics	Algebra	5		Y
70	Comparing Fractions	Number	3		Y		158	The Difference of Two Squares	Algebra	5		
71a	Adding and Subtracting Fractions - A Standard Method	Number	3	Y (take away)			159a	Finding the Equation of a Straight Lin	Algebra	5		
71b	Adding and Subtracting Fractions - An Alternative Method	Number	3				159b	Finding the Equation of a Straight Lin	Algebra	5	Y	
72	Finding a Fraction of an Amount	Number	3	Y	Y	Y	160	Roots and Turning Points of Quadra	Algebra	5		
73	Multiplying Fractions	Number	3	Y			161	Cubic and Reciprocal Graphs	Algebra	5		
74	Dividing Fractions	Number	3				162	Simultaneous Equations Algebraical	Algebra	5		
75	BODMAS/BIDMAS	Number	3				163	Geometric Progressions	Algebra	5		
76	Reciprocals	Number	3				164	Compound Interest and Depreciation	Ratio	5		Y (Interest)
77	Calculator Questions	Number	3		Y	Y	165	Locs	Geometry	5		Y
78	Product of Primes	Number	3	Y	Y		166	Concurrent Lines	Geometry	5		
79	Highest Common Factor (HCF)	Number	3				167	Sectors of a Circle	Geometry	5		
80	Lowest Common Multiple (LCM)	Number	3				168	Trigonometry	Geometry	5		
81	Squares, Cubes and Roots	Number	3		Y(roots)		169	Spheres	Geometry	5		
82	Working with Indices	Number	3		Y		170	Pyramids	Geometry	5		
83	Standard Form	Number	3		Y		171	Cones	Geometry	5		
84	Decimals and Fractions	Number	3		Y	Y	172	Frustums	Geometry	5		
85	Fractions, Percentages, Decimals	Number	3		Y	Y	173	Exact Trigonometric Values	Geometry	5	Y	
86	Percentage of an Amount (Calc.)	Number	3			Y	174	Introduction to Vectors	Geometry	5	Y	
87	Percentage of an Amount (Non-Calc.)	Number	3	Y			175	Harder Tree Diagrams	Probability	5		
88	Change to a Percentage (Calc.)	Number	3				176	Stratified sampling	Probability	5		
89	Change to a Percentage (Non-Calc.)	Number	3	Y (fraction)								
90	Rounding to Significant Figures	Number	3		Y							
91	Estimating Answers	Number	3	Y								
92	Using Place Value	Number	3			Y						