Number

	Topics	Clip Number	R	A	G
Arithmetic	Calculations with integers	18 – 23, 144, 145, 146			
	Calculations with decimals	47 – 51, 135, 136			
Whole number theory	Prime numbers	28			
	Factors, multiples and LCM	27, 31 – 36			
	Sequence rule to find a term	196, 197, 198			
	Understand number definitions and terms	25			
Fractions	Fraction, decimals and percentages	52, 55, 74, 76, 82, 83, 149			
	Fraction of a quantity	77			
	Fraction arithmetic	65 – 70, 72			
Percentages	Percentage of a quantity	87			
	Percentage change	90, 91, 92, 94, 95, 97, 98			
Powers and roots	Powers of integers	99 – 103			
Calculator	Use of calculator	129			

Ratio, proportion, and rates of change

	Topics	Clip Number	R	A	G
Calculations with ratio	Write in a ratio	328			
	Simplify ratio	329, 331			
	Calculate with proportions	330			
	Share in a ratio	332 – 335			
Direct and inverse proportion	Direct proportion	339, 340, 341, 343, 344, 345, 348, 739 – 742			
Growth and decay	Simple interest	93			
	Growth and decay problems and graphs	94, 95, 898			

Algebra

	Topics	Clip Number	R	A	G
Algebraic expressions	Simplify algebraic products and quotients	158, 159, 173, 174			
	Multiply out brackets and simplify	160 – 165			
	Factorise quadratic expressions	223, 224			
Algebraic formulae	Substitute into an expression	780 – 785			
Algebraic equations	Solve linear equation	177 – 186, 188, 189			
	Solve simultaneous equations	190 – 195			
Sequences	Continue sequence	196, 197, 198, 249, 250, 261, 263, 264			

Algebra (continued)

	Topics	Clip Number	R	A	G
Graphs	Quadratic graphs	251 – 255			
	Graphs of real-world contexts	712, 713, 874 – 880, 894 – 902			

Geometry and measures

	Topics	Clip Number	R	A	G
Conventions, notation and terms	Symmetry	827, 828			
	Circle terms	592			
Properties of polygons	Quadrilaterals	824, 825, 826			
Units of measurement	Mass, Volume, Density	695 – 699, 702 – 706, 725 – 729			
Perimeter calculations	Perimeters of triangles and quadrilaterals	549 – 552			
Volume and surface area calculations	Cuboid and prism	567 – 571			

Probability

	Topics	Clip Number	R	A	G
Basic probability and experiments	Understand the probability scale	349, 350			
	Probability calculation	351, 352			
Combined events and probability diagrams	Listing outcomes and related probabilities	670, 358, 359			
	Tree diagram	361, 362, 363			
	Calculation with the laws of probability	353 – 357, 360			

Statistics

	Topics	Clip Number	R	A	G
Analysing data	Averages	404 – 409, 413, 415, 416, 417, 419, 420			