

Number

Topics	Clip Number	R
Ordering positive integers	13, 14	
Ordering negative integers	37	
Ordering decimals	45, 46	
Ordering fractions	60	
Addition and subtraction of positive integers	18, 19, 20	
Multiplication and division of positive integers	21, 22, 23, 144, 145	
Addition and subtraction of negative integers	38, 39, 40, 41	
Multiplication and division of negative numbers	42, 43	
Addition and subtraction of decimals	47	
Multiplication and division of decimals	48, 49, 50, 51, 135, 136	
Addition and subtraction of fractions	65, 66	
Multiplication and division of fractions	67, 68, 69, 70, 71, 72	
Place value: multiplying and dividing by 10	15, 16	
Order of operations	24, 44, 120, 150	
Prime numbers, prime factorisation	28, 29, 30	
Factors, multiples, HCF and LCM	27, 31, 32, 33, 34, 35, 36	
Powers and roots	99, 100, 101	
Using standard form	121, 122, 123, 124	
Calculating with standard form	125, 126, 127, 128	
Converting decimals to/from fractions	52, 53, 73, 74, 149	
Converting percentages to/from fractions	75, 76, 82, 149	
Converting percentages to/from decimals	55, 83	
Simplifying fractions	59, 61	
Mixed numbers and improper fractions	63, 64	
Fractions of amounts	62, 77	
Increasing/decreasing by fractions	78, 79	
Fraction problems	80	
Percentages of amounts	84, 85, 86, 87	
Percentage increase/decrease	88, 89, 90	
Percentage change	97	
Reverse percentages	96	
Simple interest	93	
Percentage problems	98	
Rounding	17, 56, 134	
Rounding to significant figures	130	
Estimating answers	129, 131, 132, 133	
Working with money	747, 748, 749, 750, 751	
Money problems	752, 753, 754	
Financial statements	757	
Income and rates of pay	755, 756	
Profit and loss	759, 760, 761, 762	
Best buys	763, 764, 765, 766, 767	

Algebra

Topics	Clip Number	R
Algebraic expressions	151, 152, 153	
Collecting like terms	156, 157	
Multiplying and dividing algebra	158, 159	
Substitution	155, 780, 781	
Algebra terminology	154	
Expanding brackets	160, 161	
Factorising expressions	167, 168, 169, 170, 171	
Index laws	173, 174	
Changing the subject	280, 281, 282, 283, 284	
Coordinates	199	
Midpoints	200	
Plotting straight line graphs	205, 206, 207	
Gradient	201, 202	
Distance-time graphs	Coming soon	
Sketch quadratic graphs	251, 257	
Linear equations	176, 177, 178, 179, 180, 181, 182, 183, 188, 189	
Linear equations on graphs	217	
Quadratic expressions	222	
Linear sequences	196, 197, 198	
Other sequences	261	

Ratio and proportion

Topics	Clip Number	R
Scale diagrams	864, 865, 866, 867, 868, 869	
Simplifying ratios	328, 329, 331	
Dividing in a ratio	332, 333, 334	
Fractions and ratio	330	
Direct proportion	339, 340, 341, 343	
Inverse proportion	342, 346	
Proportion graphs	348	
Recipes	739, 740, 741, 742	

Geometry and measures

Topics	Clip Number	R
Geometric notation	456	
Points and lines	821	
Properties of 2D shapes	822, 823, 824, 825, 826, 827, 828	
Angle on a line	477, 478	
Complementary angles	815	
Angles around a point	812, 813, 814, 479, 480	
Angles on parallel lines	481, 482, 483	
Angles in a triangle	484, 485, 486, 487	
Angles in polygons	560, 561, 562, 563, 564	
Translations	637, 638	
Reflections	639, 640, 641	
Enlargements	642, 643	
Rotations	648, 649	
Describing transformations	650, 651, 652, 653, 654	
Congruence	680, 681	
Properties of 3D shapes	829, 830, 831, 832	
Nets of 3D shapes	833, 834, 835, 836	
Metric units	691	
Units of measure: Length	692, 693, 694	
Units of measure: Mass	695, 696, 697	
Units of measure: Volume/capacity	698, 699, 702, 703, 704	
Units of measure: Time	709, 710, 711	
Units of measure: Area	700, 701	
Imperial units	705, 706	
Currency conversion	707, 708	
Conversion graphs	712, 713	
Compound units: Speed	716, 717, 718, 719, 720, 724	
Angles: Recognising and Estimating	455, 457	
Angles: Measuring and Drawing	458, 459, 460, 461	
Bearings	492, 493, 494, 495	
Calculating perimeter	549, 550, 551, 552	
Calculating area	554, 555, 556, 557, 558, 559	
Circles	592	
Circumference	534, 535, 536	
Circle area	539, 540, 541	
Surface area	584, 585, 586	
Volume of cuboids	568, 569	
Volume of prisms and cylinders	570, 571, 572, 573, 574, 575	
Similar shapes	608, 609, 610, 611	

Probability

Topics	Clip Number	R
Probability scale	349, 350	
Probability of single events	351, 352, 353, 354	
Experimental probability	355, 356	
Multiple event probability	358, 359, 360	
Listing elements in a set	370, 371	
Venn diagrams	372, 373, 374, 375, 376, 377, 378, 379, 380	
Probability from Venn diagrams	383, 384	
Frequency trees	368, 369	
Listing systematically	670	

Statistics

Topics	Clip Number	R
Collecting data, frequency tables	401, 402, 403	
Two-way tables	422, 423, 424	
Bar charts	425	
Pictograms	426	
Pie charts	427, 428, 429	
Stem and leaf diagrams	430, 431, 432, 433	
Mode	404, 415	
Mean	405, 406, 407, 408, 417	
Median	409, 416	
Range	410, 414	
Choosing averages	413	
Averages problems	419, 420	
Scatter graphs	453, 454	