

Number

Topics	Clip Number	R
Calculating with roots and indices	102, 103, 104, 105, 106, 107	
Converting recurring decimals to fractions	54	
Repeated percentage change	91, 92	
Compound interest and depreciation	94, 95	
Upper and lower bounds	137, 138, 139	
Error intervals	774, 775, 776	
Financial statements	758	
Best buys	768, 769, 771, 772	

Algebra

Topics	Clip Number	R
Substitution	782, 783, 278	
Manipulating algebraic expressions	175	
Changing the subject	285, 286, 287	
Identities	154	
Expanding double brackets	162, 163, 164, 165	
Factorising quadratics	221, 223, 224	
Gradient	203, 204	
Equation of a straight line	208, 209, 210, 211, 212, 213	
Equation of a straight line: Parallel lines	214	
Quadratic graphs	252, 253, 254, 255	
Cubic graphs	298, 299	
Reciprocal graphs	300, 301	
Linear equations in one variable	184, 185, 186	
Quadratic equations	230, 234	
Simultaneous equations	190, 191, 192, 193, 194, 195	
Simultaneous equations on graphs	218, 219, 220	
Representing linear inequalities	265, 266, 267, 268	
Solving linear inequalities	269, 270, 271, 272	
Writing algebraic expressions and equations	151, 152, 153, 155, 188	
Fibonacci sequences	263	
Geometric sequences	264	
Quadratic sequences	247	

Ratio and proportion

Topics	Clip Number	R
--------	-------------	---

Ratio problems	335, 336, 337, 338	
Scale drawings	870, 871	
Direct proportion	344, 345	
Inverse proportion	347	
Proportion graphs	348	

Geometry and measures

Topics	Clip Number	R
Angle problems	488, 489, 490, 491	
Angles in polygons	565	
Constructions	660, 661, 662, 663, 664, 665, 666, 667, 668, 669	
Loci	674, 675, 676, 677, 678, 679	
Congruence criteria	682, 683	
Enlargements	644, 645	
Plans and elevations of 3D shapes	837, 838, 839, 840, 841, 842, 843, 844	
Conversion problems	714, 715	
Compound units: Speed	721, 722, 723	
Compound units: Density	725, 726, 727, 728, 729, 731	
Compound units: Pressure	734, 735, 736, 737	
Other compound units	738	
Bearings	496	
Circumference	537, 538	
Circle area	542, 543	
Surface area	587, 588, 589, 590, 591	
Volume	576, 577, 579, 580, 581, 582	
Arc length	544, 545	
Sector area	546, 547	
Pythagoras' theorem	497, 498, 499, 501, 502	
Trigonometry	508, 509, 510, 511, 512, 513, 514, 515	
Similar shapes	612, 613, 614	
Vectors	622, 623, 624, 625, 626	

Probability

Topics	Clip Number	R
Experimental probability	357	
Independent events and probability trees	361, 362, 363	

Statistics

Topics	Clip Number	R
Types of data	392, 393	
Sampling	394, 395, 396, 397, 398	
Surveys	399, 400	
Time series	450, 451, 452	
Scatter graphs	453, 454	