




GCSE Mathematics




Revision List (Foundation)



Paper 1 - Non-Calculator

Paper 2 & 3 – Calculator

Topic List	Hegarty Maths Clip Numbers			
Number				
Using place value	13 , 14 , 15 , 16 , 17			
Decimal multiplication and division	48 , 49 , 50			
Add, subtract, multiply and divide fractions	66 , 68 , 69 , 70			
Significant figures and estimation	130 , 131			
Standard form	122 , 123 , 128			
Prime factor decomposition, HCF and LCM	30 , 32 , 35 , 36			
Fractions of an amount (non-calculator)	62 , 67 , 80			
Percentages of an amount	84 , 85 , 86 , 87			
Percentage increase and decrease	88 , 89 , 90 , 97			
Compound interest and depreciation	94 , 95			
Reverse percentages	96			
Value for money (best buy)	Coming soon...			
Ratio and Proportion	332 , 333 , 334 , 339			
Algebra				
Collecting like terms	156 , 157 , 158 , 159			
Simplifying using the index laws	172 , 174 , 175			
Expand and simplify expressions with brackets	160 , 161 , 162 , 163			
Factorisation	168 , 169			
Sequences: finding the n^{th} term rule	198			
Substitution	155 , 278 , 279			
Trial and improvement	321			
Forming and solving equations	179 , 180 , 184 , 185			
Represent inequalities on a number line; Solving linear inequalities	265 , 266 , 267			
Simultaneous linear equations	190 , 191 , 192 , 193			
Drawing straight line graphs; Finding the equation of a straight line	205 , 206 , 207 , 208			
Drawing quadratic graphs	251			
Real life graphs	Coming soon...			
Solving quadratic equations by factorising	223 , 224 , 225 , 230			
Difference of two squares	165			
Geometry & Measures				
Compound area	554 , 555			
Area of triangles, parallelograms and trapezia	556 , 557 , 558 , 559			
Area of a circle	534 , 535 , 536 , 537			
Circumference of a circle	539 , 540 , 541 , 542			
Volume of cuboids, prisms and cylinders	568 , 569 , 571 , 572			

Topic List	Hegarty Maths Clip Numbers			
Geometry & Measures (continued)				
Angles on a line and around a point	477 , 478 , 479 , 480			
Angles in a triangle (including isosceles triangles)	485 , 486 , 487			
Alternate and corresponding angles (parallel lines)	481 , 482 , 483			
Interior and exterior angles of polygons	561 , 562 , 563 , 564			
Multi-step angle problems	488 , 489 , 490 , 491			
Draw and measure bearings	494 , 493 , 494 , 495			
Constructions and loci	Coming soon...			
Transformations: reflections, rotations, enlargements, translations	Coming soon...			
Pythagoras' theorem	498 , 499			
Trigonometry in right-angled triangles	509 , 510 , 511 , 512			
Similar shapes	608 , 609 , 610			
Compound measures; converting metric units	Coming soon...			
Statistics & Probability				
Stem and leaf diagrams	430 , 431			
Questionnaires	399 , 400 , 401			
Scatter graphs	453 , 454			
Frequency polygons	441			
Two way tables	422 , 423			
Mean from a grouped frequency table	417 , 418			
Pie Charts	427 , 428			
Box plots	434 , 435 , 436			
Cumulative frequency graphs	437 , 438 , 439			
Stratified sampling	396 , 397			
Histograms	442 , 443			
Probability from a table	351 , 352 , 353 , 354			
Probability: expected outcomes	355 , 356			
Probability tree diagrams	361 , 362			