




GCSE Mathematics: FOUNDATION SUMMER PREP

Topic List	Hegarty Maths Clip Numbers			
Number				
Decimal multiplication and division	48 , 49 , 50			
Add, subtract, multiply and divide fractions	66 , 68 ,			
Significant figures and estimation	130 , 131			
Prime factor decomposition, HCF and LCM	30 , 32 ,			
Fractions of an amount (non-calculator)	62 , 67			
Percentages of an amount	84 , 85 ,			
Percentage increase and decrease	88 , 89 ,			
Ratio and Proportion	332 , 333 , 334 ,			
Algebra				
Collecting like terms	156 , 157 ,			
Expand and simplify expressions with brackets	160 , 161 ,			
Factorisation	168 , 169			
Sequences: finding the n^{th} term rule	198			
Substitution	155 , 278 ,			
Forming and solving equations	179 , 180 ,			
Drawing straight line graphs; Finding the equation of a straight line	205 , 206 ,			
Geometry & Measures				
Compound area	554 , 555			
Area of triangles, parallelograms and trapezia	556 , 557			
Area of a circle	534 , 535 ,			
Circumference of a circle	539 , 540 ,			
Volume of cuboids, prisms and cylinders	568 , 569 ,			
Angles on a line and around a point	477 , 478 ,			
Angles in a triangle (including isosceles triangles)	485 , 486 ,			
Alternate and corresponding angles (parallel lines)	481 , 482 ,			
Interior and exterior angles of polygons	561 , 562 ,			
Statistics & Probability				
Scatter graphs	453 , 454			
Frequency polygons	441			
Two way tables	422 , 423			
Pie Charts	427 , 428			
Probability from a table	351 , 352 ,			

HegartyMaths

www.hegartymaths.com



School Name: The Archer Academy

Log-in with your first name, last name and date of birth