

# Year 9 Foundation Exam Revision Help Sheet Paper 1

<u>Number &amp; Ratio</u>	<u>Hegarty Clips</u>	<u>RAG</u>
Square numbers	99	
Cube numbers	100	
Place values	13	
Rounding significant figures	130	
Rounding decimal places	56	
Estimation	131	
Decimal multiplication	48,51	
Decimal addition	47	
Fraction of an amount	77	
Negative numbers	42	
Square roots	101	
Prime numbers	28	
<u>Algebra</u>	<u>Hegarty Clips</u>	<u>RAG</u>
Function machines		
Algebra Notation	151	
Forming expressions	152	
Sequences	196,197	
Inequality signs	265	
<u>Statistics and Probability</u>	<u>Hegarty Clips</u>	<u>RAG</u>
Pictograms	426	
Drawing bar charts	425	
Listing Outcomes	382	
	670	
<u>Shape and Measure</u>	<u>Hegarty Clips</u>	<u>RAG</u>
Line of symmetry	827	
Rotational symmetry	828	
Angles at a point	812-814	
Angles on a straight line	477-478	
Coordinates	199	
Scale drawings	865	

## Year 9 Foundation Exam Revision Help Sheet Paper 2

<u>Number &amp; Ratio</u>	<u>Hegarty Clips</u>	<u>RAG</u>
Odd numbers	25	
Square numbers	99	
Equivalent fractions	59	
Ordering fractions decimals percentages	73,75,60,149	
Percentage profit	760	
Fraction of an amount	77	
Lowest common multiple problem	34	
Fractions percentages decimals	75,82,83	
Money problems discounts	752,753.754	
Fraction to percentage	76	
<u>Algebra</u>	<u>Hegarty Clips</u>	<u>RAG</u>
Substitution	780-783	
Solving one step equations	178	
Solving two step equations	179,180	
Simplifying algebra addition and subtractions	156,157	
Simplifying algebra multiplication	158	
Expanding single bracket	160	
<u>Statistics and Probability</u>	<u>Hegarty Clips</u>	<u>RAG</u>
Mode	404	
Mean	405	
Range	410	
<u>Shape and Measure</u>	<u>Hegarty Clips</u>	<u>RAG</u>
Perimeter	548-550	
Volume of cuboids	568	
Conversions m/cm	692	
Line angle notation	456	
Naming 2-D shapes	822,823	

# Year 9 Higher Exam Revision Help Sheet Paper 1

<u>Number &amp; Ratio</u>	<u>Hegarty Clips</u>	<u>RAG</u>
Calculating problems	752-754	
Costing problems	763-768	
Error intervals	774-776	
Worded ratio problems	333	
Harder ratio	335	
Simplify a ratio	329	
<u>Algebra</u>	<u>Hegarty Clips</u>	<u>RAG</u>
Solving equations unknowns each side	184	
Solving equations with brackets	185	
Solving inequalities	269	
<u>Statistics and Probability</u>	<u>Hegarty Clips</u>	<u>RAG</u>
Listing outcomes	382	
Mean from a table	417	
Questionnaire's Bias	399	
Questionnaire's criticisms	399	
Venn diagrams	383,384	
<u>Shape and Measure</u>	<u>Hegarty Clips</u>	<u>RAG</u>
Missing angles in polygons	562	
Area of a rectangle	554	
Perimeter with algebra	550,552	
Locus problem	675,677	
Column vectors	623,625,626	

# Year 9 Higher Exam Revision Help Sheet Paper 2

<u>Number &amp; Ratio</u>	<u>Hegarty Clips</u>	<u>RAG</u>
Ratio worded problems	<u>332</u>	
Fractions percentages decimals	149	
Percentage decrease	90	
Standard from multiplying	125	
Proportion problem	339,340	
Percentage change	97	
<u>Algebra</u>	<u>Hegarty Clips</u>	<u>RAG</u>
Expanding double brackets	162,164	
Rearranging formula	280,281	
Plotting a straight line graph	206	
Substitution	780-783	
<u>Statistics and Probability</u>	<u>Hegarty Clips</u>	<u>RAG</u>
Nth Term	198	
Sample space diagram	359	
Estimate the mean from grouped data	418	
Scatter graphs	453,454	
<u>Shape and Measure</u>	<u>Hegarty Clips</u>	<u>RAG</u>
Area of a circle	539,540	
Missing angles in parallel lines	481,482,483	
Bearings	492,493	
Scale	869	
Average speed	716,717	