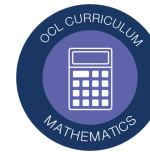


Year 10

Number of papers	2	
Time	1 hour and 30 minutes each	
Calculator/Non-Calc	<u>Thursday 23rd June 2022 -</u> Paper 1: Non Calculator (80 marks) <u>Tuesday 28th June 2022 –</u> Paper 2: Calculator (80 marks)	
Equipment required	Pen Pencil Ruler	Compass Protractor Calculator (for paper 2 only)

Year 10F Revision Checklist



Paper 1

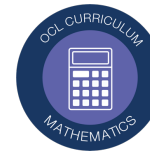
Topic	Detail	Hegarty Clip
Number		
Arithmetic	Negative numbers	41
	Word problems	20, 23
Decimals	Four operations	47, 48
Fraction	Fraction of an amount	77
	Four operations	72
Properties	Factors	27
	Lowest Common Multiple (LCM)	34
	Conversion	122
Standard form	Conversion	122
	Calculation	126, 123
Algebra		
Equations	Simple 1-step	178
Graphs	Plotting	199, 822, 895
	Interpret	894
Indices	Laws of indices	105, 106
Manipulation	Factorising	168
	Writing expressions	152, 156
	Change subject	280, 281
	Double brackets	163
Ratio		
Percentage	Percentage of amount	85
Ratio	Reverse percentage	96
	Simplify	329
	n : 1 form	331
	Share in a ratio	332
Geometry & Measures		
Angles	Types of angles	455
Shape	Quadrilaterals	824
	3D	829
Area and Volume	Cuboids	568
	Circles	542
Other	Bearing	492
Probability		
	Probability of single events	351
	Tree diagram	362
Statistics		
	Line graphs	425
	Range	410

Paper 2

Topic	Detail	Hegarty Clip
Number		
Fraction	Decimals to fractions	52
	Reverse fractions	79
Properties	Cube number	100
	Decimal place	56
	Reciprocal	71
Other	Using a calculator	129
	Bank Statements	757
	Inequality notation	267
Algebra		
Equations	Of a straight line	207
	Set up and solve	188
Graphs	Conversions	713
Manipulation	Writing expressions	153
Sequences	nth term	198
Ratio		
Percentage	Ratio and percentage	329
Fraction	Fraction to percentage	76
Ratio	Share into a ratio	333
	Write as an equation	336
Proportion	Graph	348
Conversions	Length	692
	Time	710
Application	Scale diagram	866
	Pressure	734
Geometry & Measures		
Angles	Around a point	812
Constructions	Regions	677
Shape	Line symmetry	568
	Pythagoras	499
Probability		
	Frequency tree	368, 752
	Venn diagram	383
Statistics		
	Bar chart	425
	Types of data	393
	Median	416

If you are struggling to login to Hegarty Maths, please see your maths teacher.

Year 10H Revision Checklist



Paper 1

Topic	Detail	Hegarty Clip
Number		
Fraction	Four operations	68
	Decimals to fractions	52
	Recurring decimals to fractions	53
Percentage	Reverse percentage	96
Indices	Laws of indices	105, 106
	Manipulating powers	791
Standard form	Conversion	122
	Calculation	126, 123
Other	Fibonacci sequence	263
Algebra		
Equations	Quadratic	245
	Simultaneous equations	194
Graphs	Drawing	895, 300
	Interpret	894
	Transformation	308, 202
	Turning points	256, 783
Manipulation	Factorisation of quadratics	224
	Algebraic fractions	229
Ratio		
Ratio	Similar triangles	611
	Share into a ratio	335, 337
Geometry & Measures		
Shape	Interior angles	560, 332, 333
	Pythagoras	498
	Circles	320
	Circle theorems	598, 486, 481
	Exact trig values	845
Area and Volume	Circle	542
	Prism	570, 557, 131
Other	Arc length	544
Vectors	Vector geometry	628
Probability		
	Tree diagram	362
Statistics		
	Cumulative frequency	437

Paper 2

Topic	Detail	Hegarty Clip
Number		
Properties	Error interval	776
	Bounds	139
Other	Inequality region	267
	Product rule for counting	671
Surds	Simplify	117
Algebra		
Equations	Of a straight line	209
	Quadratic inequality	277
Graphs	Cubic	298, 299
Manipulation	Substitution	785
	Triple brackets	166
	Proof	327
Functions	Inverse	288, 295
Ratio		
Fraction	To percentage	62, 76
Ratio	Simplify	87, 329
Application	Problem solving	336
	Average speed	722
Geometry & Measures		
Area and Volume	Triangle	557, 517
	Similar shapes	621
	Cone	587, 592
Constructions	Regions	677
Shape	Pythagoras	499
	Trigonometry	509, 559
Probability		
	Venn diagram	374
	Probability of a single event	351
Statistics		
	Types of data	393, 402
	Median	416
	Mean	418
	Histogram	402, 443

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