

Year 11 December Mock Revision List - Mathematics - Foundation

Exam(s):

Paper 1: Non-Calculator (80 marks – 90 minutes)

Paper 2: Calculator (80 marks – 90 minutes)

Paper 3: Calculator (80 marks – 90 minutes)

Equipment list:

- Pen x2 - Pencil x2 – Calculator – Compass – Protractor – Ruler

Foundation Revision Topic List		
Content	SKILL	
Sparx Code		
NUMBER	Word problem involving money	U721
	Metric Unit Conversion	U388
	Division calculation	U735
	Write a number as a product of its prime factors	U739
	Estimation	U225
	Find the value of a number written in index form	U534
	Write a number in standard form	U330
	Interest Calculations	U533
	Represent an inequality on a number line	U509
	Fractions	U679
	Ordering Numbers	U600
	Word problem involving money	U478
	Factors	U211
	Fraction Decimal Percentage	U176
	Word problem involving currency	U610
	Find the reciprocal of a number	M216
	Using a Calculator	U926
	Rounding to 10s 100s 1000s	U480
	Ordering Decimals	U435
	Converting Time	U902
	Write a percentage as a decimal	U888
	Combinations	U369
	Highest common factor	U529
	Lowest common factor	U751
	Percentage Change	U671
	Percentage Calculations	U349
	Error intervals	U657
RATIO PROPORTION	Word problem involving time	U902
	Ratio and Fractions	U176
	Distance Time Graphs	U914, U403
	Ratio Problem Solving	U753
	Speed Distance Time	U151
	Compound Measure Density	U910
	Word problem involving money	U721
	Inverse proportion	U357

ALGEBRA	Sequences	U213, U530
	Solve an inequality	U759
	Complete a table of values	U741
	Simplify an algebraic expression	U105
	Create an expression	U613
	Substitute into an expression	U201
	Give an example to contradict a given statement	U735, U417, U851
	Solving Linear Equations	U325
	Algebraic Perimeter	U226
	Index Form	U235, U694
	Solve a simultaneous equation	U760
	Expanding Brackets	U179
	Factorise an expression	U365
	Equations	U755
	Change the subject	U181
	Expanding double brackets	U768
	Index Laws	U662
	Simplify an expression	U103
	Form and Solve Equation	U599
GEOMETRY MEASURE	Quadrilaterals	U732
	Transformations	U519
	Area of Shaded Region	U343
	Symmetry	U849
	Scale Drawings and Bearings	U525
	Properties of straight lines	U669
	Pythagoras Theorem	U385, U828
	Midpoints	U933
	Write down the coordinates of a point	U789
	Quadrilateral	U329
	Drawing a Straight Line	U741
	Properties of Triangles	U628
	Angles in Polygons	U427
	Volume of Cubes and Cuboids	U786
	Volume of Cylinder	U915
	Vectors	U632
	Right angled Trigonometry	U545
STATISTICS PROBABILITY	Bar Charts	U363, U557
	Frequency Tables	U569
	Averages From Frequency Table	U877
	Frequency Polygon	U840
	Use a probability tree	U558
	Median	U456
	Interpret a pie chart	U172
	Probability Tables	U104
	Expected Outcomes	U166
	Scatter Graphs	U199, U277
	Mean	U291
	Grouped frequency table	U312

	Stem and Leaf Diagram	U200, U909
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Tips on different revision techniques, including subject specific activities can be found in the [Student Study Support Guide](#).

Maths genie - www.mathsgenie.co.uk Corbett maths - corbettmaths.com Sparx maths - www.sparxmaths.com