



FOUNDATION MATHS REVISION CHECKLIST 2017+ (Grades 5 – 1)

Geometry and Measures

Title	Estimated Grade	Confidence level 	Revised on...	Confidence level 	Revised on...	Confidence level
Arc lengths and sectors	5					
Derive triangle results	5					
Enlargements and negative SF	5					
Loci	5					
Pythagoras	5					
Similarity and Congruence	5					
Standard constructions	5					
Surface Area	5					
Trigonometric ratios	5					
Volume	5					
Alternate and corresponding angles	4					
Area of a circle	4					
Areas of composite shapes	4					
Areas of triangles, trapezia and parallelograms	4					
Bearings	4					
Circle terminology	4					
Circumference of a circle	4					
Congruent triangles	4					
Enlargements and fractional SF	4					
Perimeter of 2D shapes	4					
Plans and elevations	4					
Polygons	4					
Solve geometrical problems	4					
Vector arithmetic	4					
Volume of prisms	4					
3-D Shapes	3					
Congruent and similar shapes	3					
Geometrical terminology and diagrams	3					
Measuring lines and angles	3					
Properties of quadrilaterals	3					
Properties of triangles	3					
Translations and vectors	3					
Using standard units	3					





FOUNDATION MATHS REVISION CHECKLIST 2017+ (Grades 5 – 1)

Algebra

Title	Estimated Grade	Confidence level   	Revised on...	Confidence level   	Revised on...	Confidence level   
Algebraic terminology	5					
Cubic and Reciprocal graphs	5					
Deduce quadratic roots algebraically	5					
Derive an equation	5					
Equation of a line	5					
Expand double brackets	5					
Factorising quadratic expressions	5					
Fibonacci, quadratic + simple geometric sequences	5					
Graphical solution to equations	5					
Inequalities on number lines	5					
Linear equations	5					
Quadratic graphs	5					
Reciprocal real-life graphs	5					
Simplify indices	5					
Simplify surds	5					
Solving linear inequalities with one variable	5					
Writing formulae and expressions	5					
Changing the subject	4					
Collecting like terms	4					
Expressions	4					
Factorise single bracket	4					
Finding the equation of a line	4					
Graphs of linear functions	4					
Graphs of quadratic functions	4					
Linear equations one unknown	4					
Multiplying single brackets	4					
Non-standard real life graphs	4					
nth term of a linear sequence	4					
Number machines	4					
Substitution	4					
Using "y = mx + c"	4					
Coordinates in four quadrants	3					
Plotting straight line graphs	3					
Position to term rules	3					
Sequences of square, triangular and cube numbers	3					
Using Formulae	3					























FOUNDATION MATHS REVISION CHECKLIST 2017+ (Grades 5 – 1)

Sequences and Rules	2					
---------------------	---	--	--	--	--	--

Statistics

Title	Estimated Grade	Confidence level   	Revised on...	Confidence level   	Revised on...	Confidence level   
Histograms with equal class widths	5					
Scatter graphs	5					
Comparing data using graphs	4					
Comparing Distributions	4					
Correlation	4					
Population	4					
Sampling	4					
Scatter Diagrams	4					
Time series	4					
Charts and Diagrams	3					
Pie Charts	3					
Types of data	3					
Vertical Line Charts	3					
Histograms with equal class widths	5					
Scatter graphs	5					
Comparing data using graphs	4					

Probability

Title	Estimated Grade	Confidence level   	Revised on...	Confidence level   	Revised on...	Confidence level   
Probability of dependent events	5					
Probability of independent events	5					
Mutually exclusive sum	4					
Relative Frequency	4					
Tables and Grids	4					
Theoretical Probability	4					
Unbiased Samples	4					
Venn Diagrams	4					
Frequency Trees	3					
Probability of equally likely outcomes	3					





FOUNDATION MATHS REVISION CHECKLIST 2017+ (Grades 5 – 1)

Number

Title	Estimated Grade	Confidence level   	Revised on...	Confidence level   	Revised on...	Confidence level   
Calculating with fractions	5					
Error intervals	5					
Index Laws	5					
Limits of accuracy	5					
Adding and subtracting fractions	4					
Checking calculations	4					
Compound measures	4					
Converting metric units	4					
Estimation	4					
Fractions and percentages	4					
Fractions and ratio problems	4					
Interpret calculator displays	4					
LCM and HCF	4					
Multiples and factors	4					
Multiplying fractions	4					
Operations	4					
Order of operations	4					
Powers	4					
Rounding	4					
Standard Form	4					
Terminating decimals and fractions	4					
Decimals	3					
Listing outcomes	3					
Prime numbers	3					
Using standard units	3					
Add and Subtract integers	2					
Dividing integers	2					
Multiplying integers	2					
Ordering numbers	2					
Place value	2					





FOUNDATION MATHS REVISION CHECKLIST 2017+ (Grades 5 – 1)

Ratio, Proportion and rates of change

Title	Estimated Grade	Confidence level 	Revised on...	Confidence level 	Revised on...	Confidence level
Compound Units	5					
Gradient & the rate of change	5					
Growth and decay	5					
Interpret Proportion	5					
Percentage change	5					
Problems with compound units	5					
Scale factors and similarity	5					
Simple Interest and Financial Maths	5					
Solve Proportion Problems	5					
Compare Fractions, Decimals and Percentages	4					
Compare lengths, area, volume	4					
Comparing quantities as a ratio	4					
Division of a quantity as a ratio	4					
Express one quantity as a % of another	4					
Percentage change	4					
Problems involving ratio	4					
Proportion and ratio	4					
Ratio and fractions	4					
Ratio Sharing	4					
Convert standard units	3					
Express one quantity as a fraction of another	3					
Use ratio notation	3					
Use scale factors, diagrams and maps	3					

Exam details:

GCSE Mathematics A - Foundation

Exam Dates:

Paper 1 (non-calc) – Usually final teaching week of May

Paper 2 (calc) – Usually first teaching week of June

Paper 3 (calc) – Usually second teaching week of June

All papers 90 mins each

