

Paper 3 Key Topics

AQA Foundation

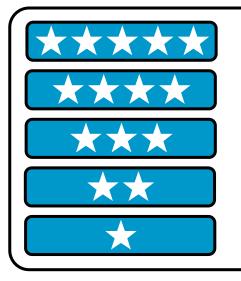
In this document you will find lists of topics to help you focus your revision for Paper 3. To do this I have carefully analysed the topics that appeared in your Paper 1/2 but also the topics frequencies from all previous exam papers.

Each topic has been rated from 1 star to 5 stars. The more stars I have given it, the more likely I believe it could appear in Paper 3 based on previous frequencies.

This does not guarantee the topics with more stars will appear or those with low stars will not but it may help you to prioritise topics for revision.

Be sure to subscribe to my YouTube channel and check the website to not miss out on resources. I will write more practice papers for each tier for Edexcel and AQA to help you revise. The dates for these are on the website.

- 1st Class Maths



<< Most likely topics to appear

<< Least likely topics to appear</p>



Listing Outcomes	Percentage of amount Increase/Decrease by %	Symmetry
Use of calculator	Speed, Distance, Time	Transformations
Draw/Use Straight Line Graph	Pythagoras	Venn Diagrams
Fractions, decimals and percentages	Perimeter	Pie Charts



Square roots, Cube roots	Factorising (including quadratics)	Area of Shapes
Simplify Algebraic Expressions	Solve Linear Equations	Column Vectors
Substitution	Fraction of Amount	Probability
Sequences	Share into ratio Application of Ratio	Averages - From Diagram or Table



Use of inequality signs	Gradients, Intercepts, y = mx + c	Faces, Edges, Vertices
Order of Operations	Coordinates	Congruent Shapes
Order Numbers	Form and Solve Equations	Angle Facts
Negative Numbers	Time Calculations	Angles in a Triangle Properties of triangles
Types of Number (Square, Cube, Prime etc) + even/odd	% Profit or %change	Angles in a Quadrilateral Properties of quadrilaterals
Linear Inequalities	Write as a %/Write as Fraction	Angles in Parallel Lines
Index Laws	Direct Proportion	Surface Area 3D shape
Place Value	Direct/Inverse Proportion Graphs/Tables/Equations	Circles and Sectors
Money problem (Deposits, change given, total cost etc)	Reverse %	Plans and Elevations
Number Machines	Compound Interest	Angles in Polygons
Form Algebraic Equation/Inequality/Expression From Context	Relative Frequency	Constructions and Loci
Quadratic Graphs	Scale Drawing	Scatter Diagrams
Expression, Equation, Formula, Identity, Term, Inequality	Metric Units	Probability
Distance Time Graphs	Name Shape	



Bearings	Equivalent Calculations	Inequality (List values)
Measure Line/Angle	Equivalent fraction/Simplify Fraction	Inequality Diagram
Identify Parallel/Perpendicular Lines	Fraction Operations	Vertical and Horizontal Lines (and their equations)
Parts of a Circle	Order Fractions	Midpoint of line
Volume of 3D Shapes	Coordinates problem solving	Show lines are Parallel
Area problem solving	Factors and Multiples	Identities
Volume Problem solving	Product of Primes	Simple Interest
Expand/Simplify (includes double brackets)	HCF/LCM	Relate Ratio for Fraction/Percentage
Sample Space Diagrams	Error Intervals - maximum/minimum	Pressure, Force, Area
Averages/Mean Problem Solve	Rounding	Population Density
Two way tables	Approximations	Sampling
Set notation	Standard Form	Use of scales on a map or a ratio
Bar Charts	Reciprocals	Convert Units of area/volume
Tally Charts	Simultaneous Equations Graphically	Bank Statements
Vertical Line Graphs	Types of Graphs (Cubic, Reciprocal)	Simultaneous Equations
Types of data (discrete, continuous)		

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Multiply/Divide Decimals	Write as ratio (including form 1:n)	Exact Trig Values
Change Subject/Rearrangement	Interpret Ratios	Similar Lengths
Solve Quadratic Equation	Density, Mass, Volume	Tree Diagrams
Inverse Proportion (context)	Compass Directions	Averages (and range) from a list
Conversion Graphs	SOHCAHTOA	Frequency Trees
Simplify Ratio	Time Series	Pictograms