



Paper 3 Key Topics

Edexcel 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



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Types of Number (Square, Cube, Prime)	Place Value	Pictograms
Indices Evaluate e.g. 2^4	Use of calculator	Converting Fractions Decimals and Percentages
Index Laws	Factorising (including quadratics)	Fraction of Amount
Error Intervals	Expand/Simplify (includes double brackets)	Write as a Percentage
Direct Proportion	Change the Subject	Write as Fraction
Compound Interest (Repeated % change)	Averages (From Diagram or Table)	Transformations
Currency/Harder Unit Conversions		



Money (Deposits, change given, total cost etc)	Sequences (not Fibonacci)	Scale Drawings
Order Decimals	Finding a % of amount	Angles in a Quadrilateral Properties of quadrilaterals
Factors and Multiples	Write as ratio (including form 1:n)	Similar Lengths
Rounding	Speed, Distance, Time incl speed conversions	Mark on Probability Scale



Order Fractions	% Profit or %change	Form and Solve Equations
Square roots, Cube roots	Increase/Decrease by a %	Bearings
Standard Form	Simplify Ratio	Angles in Parallel Lines
Listing Outcomes	Area of Shapes (less likely to be a triangle)	Volume of 3D Shapes
Substitution	Conversion Graphs	Plans and Elevations
Simultaneous Equations	Reverse %	Scatter Diagrams
Linear Inequalities	Metric Unit Conversions	Probability
Draw Straight Line Graph	Measure Line/Angle	Tree Diagrams
Coordinates	Name Shape	Frequency Trees
Solve Linear Equation	Angle Facts (already had on a straight line)	Venn Diagrams
Pythagoras	Angles in a Triangle Properties of triangles	Frequency Polygon
Perimeter		





Time Calculations	Fraction Operations	List values for an Inequality
Use of scales on a map or a ratio	Order of Operations	Equations of Vertical and Horizontal Lines
Share into ratio	Averages (and range) from a list	Midpoint of line
Pressure, Force, Area	Using inequality signs	Find Gradients/Intercepts given an equation
Convert Units of area/volume	Equivalent fractions/Simplify Fractions	Coordinates problem solving
Identify Parallel/Perpendicular Lines	Negative Numbers	Solve Quadratic Equations
Parts of a Circle	Reciprocals	Inverse Proportion in Context
Faces, Edges, Vertices	Number Machines	Relate Ratio for Fraction/Percentage
Congruent Shapes	Simultaneous Equations Graphically	Symmetry
Circles and Sectors	Types of Graphs	Set notation
Area problem solving	Expression, Equation, Formula, Identity, Term (Algebraic Language)	Vertical Line Graphs
Volume Problem solving	Tally Charts	Bar Charts



Exact Trig Values	Quadratic Graphs	Column Vectors
Averages problem solving	Distance Time Graphs	SOHCAHTOA)
Multiply/Divide Decimals	Inequality Diagrams	Angles in Polygons
Product of Prime Factors	Find Equation of a line	Constructions and Loci
HCF/LCM	Form Expressions from context	Stem and Leaf Diagrams
Estimation	Density, Mass, Volume	Two way tables
Simplify Algebraic Expressions	Surface Area 3D shape	Pie Charts



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