



Paper 2 Key Topics

Edexcel Higher

In this document you will find lists of topics to help you focus your revision for Paper 2. To do this I have carefully analysed the topics that appeared in your Paper 1 but also the trends 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 2.

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.

I will do this again after Paper 2 to help you focus revision for Paper 3. You should note that since there are still 2 papers left, many of the topics could appear on Paper 3 instead of, or as well as, Paper 2.

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





Standard Form	SOHCAHTOA
Sequences	Pythagoras
Share into ratio/Application of Ratio	Probability



Index Laws	Compound Interest (Repeated % change)
Error Intervals	Area (triangle, parallelogram, trapezium)
Bounds	$1/2ab\sin C$
Algebraic Fractions	Transformations



Use of calculator + round answer	Reverse %	Angles in Polygons
HCF/LCM	Functions	Cosine Rule
Expand Triple Brackets	Direct/Inverse Proportion	3D Trig/Pythagoras
Change Subject (subject twice)	Speed, Distance, Time	Circle Theorems
Quadratic Inequality	Density, Mass, Volume	Vectors
Form and Solve Equation	General Iterative Processes	Venn Diagrams
% of amount	Circles (area/circumference) and Sectors (Area/Arc Length)	Averages (and range)
Linear Simultaneous Equations	Surface Area 3D shapes	Cumulative Frequency
Quadratic Graphs	Volume of 3D Shapes	Frequency Polygons
Types of Graphs (not trig though)	Similar Lengths	Histograms
Speed Time Graphs	Similar Area/Volume	Multiple Ratio Problem Solve
Parallel/Perpendicular Lines	Increase/Decrease by %	



Order Numbers	Volume Problem solve	Simultaneous Equations Graphically
Non-Linear Simultaneous Equations	Fraction Operations	Iteration (equations)
Solve Linear Inequality	Angle Facts e.g. angles in triangle	Algebraic Proof
Inequality Diagrams	Bearings	Draw Straight Line Graphs
Reciprocals	Angles in Parallel Lines	Distance Time Graph
Perimeter	Geometric Proof	Pressure, Force, Area
Product of Prime Factors	Identify Congruent Triangles	Coordinates problem solve
Estimation	Plans and Elevations	Midpoint of line
Product Rule for Counting	Constructions	Gradient, intercepts, or use $y = mx + c$
Surds	Two way tables	Inverse Proportion (in context)
Quadratic Formula	Quartiles	Equation of tangent to circle
Substitution	Pie Charts	Write as ratio
Expand/Simplify Brackets	Capture, re-capture	Currency/Unit Conversions
Factorising	Criticise Chart	Convert Units of area/volume
Inequality Regions	%change	Use of scales on a map
Solve Linear Equations	Write as a %/Write as Frac	Fraction of Amount



Recurring Decimals to Fractions	Relate Ratio to Fraction	Column Vectors
Solve Quadratic Equation	Area problem solve	Box Plots
Complete the Square	Sine Rule	Scatter Diagrams
Transformations of Graphs	Exact Trig	% Profit



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