



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 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 3.

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



| | | |
|--|---|-----------------------------------|
| Place Value | Expand/Simplify | Fraction of Amount |
| Index Laws | Volume of 3D Shape | Error Intervals |
| Standard Form | Angles in a Triangle Properties of triangles | Converting Fractions, Decimals, % |
| Circles and Sectors | Currency/Harder Unit Conversions | Pie Chart |
| Types of Number (Square, Cube, Prime) | Factorising | Direct Proportion |



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|-------------------------------------|---|---|
| Write as ratio (including form 1:n) | Transformations | Metric Unit Conversions |
| Form Equation from context | Use of scales on a map or a ratio | Solve Linear Equations |
| Relate Ratio to Fraction/Percentage | % of amount | Factors and Multiples (Probably factors) |
| Sequences | Angles in a Quadrilateral Properties of quadrilaterals | Simplify Algebraic Expressions |



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|----------------------------------|--|-----------------------------|
| Rounding | % Profit or %change | Scatter Diagrams |
| Averages (and range) from a list | Angles in Polygons | SOHCAHTOA |
| Angle Facts | Changing the Subject | Angles in Parallel Lines |
| Frequency Trees | Compound Interest | Bearings |
| Line Charts | Density, Mass, Volume | Drawing Straight Line Graph |
| Mark on Probability Scale | Form and Solve Equations | Inequality Diagram |
| Naming Shapes | Frequency Polygons | Simultaneous Equations |
| Ordering Fractions | Increase/Decrease by % | Plans and Elevations |
| Scale Drawings | Write as a %/Write as a fraction | Substitution |
| Simplify Ratios | Pressure, Force, Area | Surface Area |
| Time Calculations | Probability | Tree Diagrams |
| Two way tables | Area of rectangle, triangle, parallelogram, trapezium | Column Vectors |



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|------------------------------------|---|-------------------------------|
| Area problem solving | Equivalent fraction/Simplify Fraction | Volume Problem solving |
| Convert Units of area/volume | Expression, Equation, Formula, Identity, Term | Inequalities (List values) |
| Coordinates problem solve | Faces, Edges, Vertices | Solve Quadratic Equation |
| Inverse Proportion in context | Find Gradient/Intercept from a given equation | Symmetry |
| Perimeter | Form Expression | Tally Charts |
| Reciprocal | Number Machines (Input and Outputs) | Use of inequality signs |
| Simultaneous Equations Graphically | Parts of a Circle | Congruent Shapes |
| Speed, Distance, Time | Pythagoras | Vertical and Horizontal Lines |
| Bar Charts | Distance Time Graphs | Vertical Line Graphs |



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|---------------------------------------|---------------------------------------|--------------------------|
| Constructions and Loci | Conversion Graphs | Multiply/Divide Decimals |
| HCF/LCM | Coordinates | Negative Numbers |
| Linear Inequality | Estimation | Order Numbers |
| Product of Primes | Exact Trig | Order of Operations |
| Quadratic Graphs | Find Equation of a Line | Pictograms |
| Share into ratio/Application of Ratio | Fraction Operations | Reverse % |
| Use of calculator | Identify Parallel/Perpendicular Lines | Show lines are Parallel |
| Venn Diagrams | Listing Outcomes | Similar Lengths |
| Average - From Diagram or Table | Measure Line/Angle | Square roots, Cube roots |
| Stem and Leaf Diagrams | Midpoint of line | |

