

M.K. HOME TUITION

Level: GCSE Higher Tier

LINKS TO EXAMINATION QUESTIONS

Here is a selection of questions by subject, taken from past examination papers. They are mostly grouped by subject topic, although there are also several longer multi-topic questions as well.

Question Sets from 2018 on

Number

[Basic Arithmetic](#)

[Arithmetic Problems](#)

[Indices and Powers](#)

[Approximation and Rounding](#)

[Fractions and Decimals](#)

[Percentages](#)

[Ratio and Proportion](#)

[Ratio : Similar Figures and Maps](#)

[Direct and Inverse Proportion](#)

[Factors, Multiples, H.C.F. , L.C.M.](#)

[Surds](#)

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Algebra

[Mixed Algebra Problems](#)

[Algebraic Methods](#)

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[Functions](#)

[Simultaneous Equations](#)

[Inequalities](#)

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[Algebraic Proof](#)

[Numerical Methods – Iteration](#)

[Sequences](#)

[Straight Lines](#)

[Real-Life Graphs \(AQA\)](#)

[Real-Life Graphs \(Pearson Edexcel\)](#)

[Real-Life Graphs \(OCR\)](#)

[Plotting Non-Linear Graphs](#)

[Recognising Non-Linear Graphs](#)

[Transformations of Graphs](#)

Shape and Space

[Mixed Shape and Space Problems](#)

[Angle Problems](#)

[Triangles, Quadrilaterals and Polygons](#)

[Right-Angled Triangles, Pythagoras](#)

[General Triangles, Sine and Cosine Rules](#)

[Three-Dimensional Trigonometry](#)

[Circle Theorems](#)

[Measuring Shapes](#)

[Solid Shapes](#)

[Transformations](#)

[Circular Measure](#)

[Loci, Measures and Constructions](#)

[Vectors](#)

[Areas, Volumes and Similarity](#)

Data and Statistics

[Surveys and Sampling](#)

[Averages](#)

[Histograms](#)

[Cumulative Frequency](#)

[Box Plots](#)

[Scatter Diagrams](#)

[Bar Charts, Pie Charts, Stem & Leaf etc.](#)

[Time Series](#)

[Frequency Trees](#)

[Set Theory and Venn Diagrams](#)

[Probability \(AQA\)](#)

[Probability \(Edexcel\)](#)

[Probability \(OCR\)](#)

Earlier Question Sets (2015-2018)

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[Arithmetic Problems](#)

[Indices and Powers](#)

[Approximation and Rounding](#)

[Fractions and Decimals](#)

[Percentages](#)

[Ratio and Proportion](#)

[Ratio : Similar Figures and Maps](#)

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[Scatter Diagrams](#)

[Bar Charts, Pie Charts, Stem & Leaf etc.](#)

[Time Series](#)

[Frequency Trees](#)

[Set Theory and Venn Diagrams](#)

[Probability \(AQA\)](#)

[Probability \(Edexcel\)](#)

[Probability \(OCR\)](#)

Legacy Question Sets (prior to 2017)

The questions are all from past papers from 2010 to 2016, and some of the content in them has been altered to reflect the current course material.

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[Arithmetic Problems \(AQA\)](#)

[Arithmetic Problems \(Pearson Edexcel\)](#)

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[Linear Equations](#)

[Formulae \(Algebraic\)](#)

[Formulae \(Real Life\)](#)

[Functions](#)

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[Triangles, Quadrilaterals and Polygons](#)

[Right-Angled Triangles, Pythagoras](#)

[General Triangles, Sine and Cosine Rules](#)

[Three-Dimensional Problems and Trigonometry](#)

[Circle Theorems](#)

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[Transformations \(AQA\)](#)

[Transformations \(Pearson Edexcel\)](#)

[Transformations \(OCR\)](#)

[Circular Measure](#)

[Loci, Measures and Constructions](#)

[Vectors](#)

[Areas, Volumes and Similarity](#)

Data and Statistics (Legacy)

[Mixed Stats Questions](#)

[Surveys and Sampling](#)

[Pie Charts, Bar Charts, Frequency Polygons etc](#)

[Stem and Leaf Diagrams](#)

[Averages](#)

[Histograms \(AQA\)](#)

[Histograms \(Edexcel\)](#)

[Histograms \(OCR\)](#)

[Cumulative Frequency and Box Plots \(AQA\)](#)

[Cumulative Frequency and Box Plots \(Pearson Edexcel\)](#)

[Cumulative Frequency and Box Plots \(OCR\)](#)

[Scatter Diagrams \(AQA\)](#)

[Scatter Diagrams \(Pearson Edexcel\)](#)

[Scatter Diagrams \(OCR\)](#)

[Time Series](#)

[Probability \(AQA\)](#)

[Probability \(Edexcel\)](#)

[Probability \(OCR\)](#)