

M.K. HOME TUITION

Level: A-Level Year 1, AS-Level

LINKS TO EXAMINATION QUESTIONS

Here is a selection of questions by subject, taken from past GCE AS-Level examination papers. The older ones (pre-2017) are mostly grouped by subject topic, although there are also several longer multi-topic questions as well.

Current Past Paper Questions (2017 onwards)

These are condensed past papers, merged by year and edited to include only the pure mathematics questions.

Exam board

AQA	Specimen	2018	2019	2020	2021	2022
Pearson	Specimen	2018	2019	2020	2021	2022
OCR	Specimen	2018	2019	2020	2021	2022
OCR MEI	Specimen	2018	2019	2020	2021	2022

Legacy Past Paper Questions by Topic.

These questions are all from past AS-Level exam papers (2017 and earlier), providing a good overlap with current course material, even though several questions had to be modified, and certain other topics omitted.

Algebra

[Algebraic Manipulation](#)

[The Binomial Series](#)

[Polynomials](#)

[Indices](#)

[Surds](#)

[Quadratics](#)

[Inequalities](#)

[Graph Transformations](#)

Coordinate Geometry

[Straight Lines](#)

[Lines and Curves](#)

[Circles](#)

Trigonometry

[Sine and Cosine Rules](#)

[Solving Trigonometric Equations](#)

Logarithms

[Logarithmic and Exponential Functions](#)

[Graph Fitting Using Logarithms](#)

[Natural Logarithmic and Exponential Functions](#)

Calculus

[Differentiation](#)

[Maxima and Minima](#)

[Tangents and Normals](#)

[Integration](#)

[Definite Integrals - Area Under a Curve](#)

[Mixed Calculus Questions](#)

Other Topics

[Vectors](#)

[Algebraic Proof](#)