

## M.K. HOME TUITION

Level: A-Level Year 2

## LINKS TO EXAMINATION QUESTIONS

Here is a selection of questions by subject, taken from past GCE A-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

<b>AQA</b>	<a href="#">Specimen</a>	<a href="#">2018</a>	<a href="#">2019</a>	<a href="#">2020</a>	<a href="#">2021</a>	<a href="#">2022</a>
<b>Pearson</b>	<a href="#">Specimen</a>	<a href="#">2018</a>	<a href="#">2019</a>	<a href="#">2020</a>	<a href="#">2021</a>	<a href="#">2022</a>
<b>OCR</b>	<a href="#">Specimen</a>	<a href="#">2018</a>	<a href="#">2019</a>	<a href="#">2020</a>	<a href="#">2021</a>	<a href="#">2022</a>
<b>OCR MEI</b>	<a href="#">Specimen</a>	<a href="#">2018</a>	<a href="#">2019</a>	<a href="#">2020</a>	<a href="#">2021</a>	<a href="#">2022</a>

### **Older Past Paper Questions by Topic.**

These questions are all from past GCE A-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**

[Functions](#)

[The Modulus Function](#)

[Rational Expressions](#)

[Partial Fractions](#)

[Cartesian and Parametric Form](#)

### **Sequences and Series**

[Sequences](#)

[The Arithmetic Series](#)

[The Geometric Series](#)

[The Binomial Series for Rational Powers](#)

[Mixed Series](#)

## **Trigonometry**

[Radian Measure](#)

[Further Trigonometric Equations and Identities](#)

[Trigonometric Equations – Harmonic Form](#)

[Trigonometric Equations – Compound Angles](#)

## **Calculus**

[Differentiation - Chain, Product and Quotient Rules](#)

[Parametric Differentiation](#)

[Implicit Differentiation](#)

[Miscellaneous Integration](#)

[Integration by Substitution](#)

[Integration by Parts](#)

[Differential Equations](#)

[Mixed Calculus Questions](#)

## **Numerical Methods**

[Formula Iteration](#)

[The Newton-Raphson Method](#)

[Numerical Integration – Trapezium Rule](#)