**A Level A\*/A Aspirations**

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| Why Not Try This? | I’ve Done This!  (Tick the box  when done) |
| [Graded Exercise](https://www.amazon.co.uk/d/Books/Graded-Exercises-Pure-Mathematics-Advanced-Level/0521637538/ref=sr_1_1?ie=UTF8&qid=1493233786&sr=8-1&keywords=graded+exercises+in+pure+mathematics) Questions |  |
| [MEI Monthly Problem Solving Questions](http://mei.org.uk/month_item) (or arranged by topic [here](http://mei.org.uk/miotm)) |  |
| University Questions |  |
| [Underground Maths](https://undergroundmathematics.org) Questions |  |
| Learn all about [mathematical proof using the resources on this page](https://www.colmanweb.co.uk/maths/alevel/other.htm) |  |
| Complete the harder(underlined?) questions in your textbook |  |
| Try some of the exercises on [Integral maths](https://integralmaths.org/) |  |
| Try as many unstructured questions as you can |  |
| Attempt some [UKMT](https://www.ukmt.org.uk/), [MAT](https://www.maths.ox.ac.uk/study-here/undergraduate-study/maths-admissions-test) & [AEA](http://www.admissionstestingservice.org/for-test-takers/step/preparing-for-step/) questions (there’s loads [here](http://www.colmanweb.co.uk/problemsolving/index.htm)) |  |
| Complete the [STEP prep modules on Nrich](http://nrich.maths.org/11472) |  |
| Watch some [Khan Academy](https://www.khanacademy.org/) videos |  |
| Take part in maths based competitions |  |
| Mentor other students in your yeargroup |  |
| Try the [Advanced Problems in Maths](http://www.colmanweb.co.uk/Assets/PDF/advanced-problems-mathematics.pdf) or the [Advanced Problems in Core Maths](http://www.colmanweb.co.uk/Assets/PDF/advanced-problems-core-mathematics.pdf) |  |
| Take part in the [STEP Correspondence Course](https://correspondence.maths.org) |  |
| Read some maths reading books from the [Cambridge University undergraduate reading list](https://www.maths.cam.ac.uk/undergrad/admissions/files/admissions/reading-list.pdf) |  |
| Try some of the weekly competition questions on [NRich](https://nrich.maths.org/) |  |
| Practice and achieve 90%+ in [past exam papers](https://www.colmanweb.co.uk/pastpapers/index.htm) |  |
| Complete these [interesting A level maths questions](https://drive.google.com/file/d/11TFkRRjqYcctI5sT3PrdD4hgWaXGGpZZ/view?usp=sharing) |  |