



## A Level Mathematics – summer work 2016

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In order to ensure a smooth and effective start to your A-Level studies, you need to have a solid grasp of a number of key skills you will have covered at GCSE. If you can demonstrate a good understanding of these skills at the start of the year, your teacher will be able to move more quickly through the start of the course, allowing more time to be spent on new and unfamiliar topics in Core 1.

### You must

- ✓ Complete the “C1 – GCSE Revision” assessment sheet.

Each question should be answered, with full working shown, on lined paper and **marked** using the answers on the back. This will be collected in on your first maths lesson of the term for your teacher to assess your understanding of key GCSE skills.

- ✓ Complete the “C1: Surds” and “C1: Indices” assessment sheets

You will be required to conduct whatever research is necessary in order to successfully answer all of the questions. The skills required are similar to those at GCSE, but the questions themselves will require more careful thought.

These will be formally marked and assessed by your teacher in the same way as all future A Level homework tasks, and will be used to inform planning. Please have them ready to hand in during the first lesson of term.

### You should

- ✓ Work through the “Introduction to A Level Maths” booklet, which gives further practise on the essential skills required to be successful at AS Level maths.

### You could

- ✓ Visit [www.mymaths.co.uk](http://www.mymaths.co.uk) → A Level → Core 1 and work through some of the lessons and online worksheets in preparation for your lessons next year. Your current log-in details will still work to help you track your scores.