



Subject	Further Maths		
Title/Topic	Format	Length	WC
Pure Paper 1	Written exam	2 hrs 40mins	
Paper 2 Modelling with Algorithms	Written exam	1 hr 15mins	
Paper 3 Statistics	Written exam	1 hr 15mins	

In this Advent assessment I will be asked to show I can...

Paper 1 (all of the Pure content)

Complex numbers

Matrices and transformations

Vectors and 3D spaces

Algebra

Sequences, series and induction

Calculus

Polar coordinates

Hyperbolic functions

Differential Equations

Maclaurin Series

Roots of polynomials

Paper 2 – Modelling with Algorithms

Algorithms

Networks

Linear Programming

Simplex method



Paper 3 – Statistics

Sampling

Discrete random variables

Bivariate data

Chi-squared tests

What should I do to revise and prepare for this assessment?

To prepare for this assessment:

1. Review the work you have completed in class this term. Work through the practice questions you have been provided after each lesson again so that you have a deep understanding of all the topics covered.
2. Complete and revisit the integral assessments for the first two units covered this year.
3. Complete questions from your text book.
4. Use revision techniques such as flashcards on problematic topics.

What useful websites/resources could I use to help me prepare?



www.integralmaths.org

Text book pdf (saved online)