

AQA GCE Further Mathematics - Paper 1 Pure Mathematics

1.5 hours

The paper will consist of four multiple choice questions and a mix of written questions.

Topics to Revise

Pure Mathematics

- Product and determinant of matrices
- Method of differences
- Transformations using 3-D matrices
- Proof by induction
- Hyperbolic functions and their inverses
- Roots of polynomials
- Rational functions
- Polar graphs
- Mean value function
- Vectors
- Inequalities
- Volumes of revolutions
- Locus of a complex number

Revision Resources

- Notes and examples
- Textbook and www.integralmaths.org
- DIRT from past assignments including exemplar answers
- Past, practice and specimen papers

Revision Tips

- Level 2 additional exercises on www.integralmaths.org
- Textbook practice exercises
- Q&A dominoes
- Summary A3 sheets/mindmaps
- Answering past paper questions and using the markschemes

AQA GCE Further Mathematics - Paper 2 Further Mechanics
1.5 hours

The paper will consist of a mix of written questions.

Topics to Revise

Mechanics

- Momentum and collisions
- Work, energy and power
- Circular motion

Revision Resources

- Notes and examples
- Textbook and www.integralmaths.org
- DIRT from past assignments including exemplar answers
- Past, practice and specimen papers

Revision Tips

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AQA GCE Further Mathematics - Paper 3 Further Statistics
1.5 hours

The paper will consist of a mix of written questions.

Topics to Revise

Mechanics

- Discrete random variables and expectation
- Poisson Distribution
- Continuous random variables
- Chi Squared tests for association
- Confidence intervals

Revision Resources

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- Past, practice and specimen papers

Revision Tips

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