

AQA GCE Mathematics - Paper 1 Pure Mathematics and Mechanics

1.5 hours

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

Topics to Revise

Pure Mathematics

- Solving trigonometrical equations
- Binomial Expansions
- Differentiation from first principles
- The Factor Theorem
- Transformations of functions
- Equations of tangents
- Proof
- Modelling with logarithms

Mechanics

- Velocity-time graphs
- Newton's second law
- SUVAT
- Variable acceleration
- Forces and pulleys

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 Mathematics - Paper 2 Pure Mathematics and Statistics
1.5 hours

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

Topics to Revise

Pure Mathematics

- Solving trigonometrical equations
- Differentiation of polynomials
- Binomial expansions
- Equations of circles
- Rates of growth
- Logarithmic equations
- Integration of polynomials
- Turning points and increasing/decreasing functions

Statistics

- Sampling
- Standard deviation
- Binomial Distribution
- Probability distributions
- Probability tree diagrams
- Hypothesis testing

Revision Resources

- Notes and examples
- Textbook and www.integralmaths.org
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Revision Tips

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