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Mathematics

Paper 3 (Calculator)

Higher Tier

June 2020 - Morning
Time: 1 hour 30 minutes

Paper Reference
1MA1/3H

You must have: Ruler graduated in centimetres and millimetres, protractor, pair of compasses, pen, HB pencil, eraser, calculator. Tracing paper may be used.

Total Marks

Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided
- *there may be more space than you need.*
- You must **show all your working**.
- Diagrams are **NOT** accurately drawn, unless otherwise indicated.
- **Calculators may be used.**
- If your calculator does not have a π button, take the value of π to be 3.142 unless the question instructs otherwise.



Information

- The total mark for this paper is 80.
- The marks for **each** question are shown in brackets
- *use this as a guide as to how much time to spend on each question.*

Advice

- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Try to answer every question.
- Check your answers if you have time at the end.

Turn over ►

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Table of Contents Maths Past Papers Edexcel Higher Tier

1. Understanding the eBook Maths Past Papers Edexcel Higher Tier
 - The Rise of Digital Reading Maths Past Papers Edexcel Higher Tier
 - Advantages of eBooks Over Traditional Books
2. Identifying Maths Past Papers Edexcel Higher Tier
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Maths Past Papers Edexcel Higher Tier
 - User-Friendly Interface
4. Exploring eBook Recommendations from Maths Past Papers Edexcel Higher Tier
 - Personalized Recommendations
 - Maths Past Papers Edexcel Higher Tier User Reviews and Ratings
 - Maths Past Papers Edexcel Higher Tier and Bestseller Lists
5. Accessing Maths Past Papers Edexcel Higher Tier Free and Paid eBooks
 - Maths Past Papers Edexcel Higher Tier Public Domain eBooks

- Maths Past Papers Edexcel Higher Tier eBook Subscription Services
- Maths Past Papers Edexcel Higher Tier Budget-Friendly Options
- 6. Navigating Maths Past Papers Edexcel Higher Tier eBook Formats
 - ePub, PDF, MOBI, and More
 - Maths Past Papers Edexcel Higher Tier Compatibility with Devices
 - Maths Past Papers Edexcel Higher Tier Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Maths Past Papers Edexcel Higher Tier
 - Highlighting and Note-Taking Maths Past Papers Edexcel Higher Tier
 - Interactive Elements Maths Past Papers Edexcel Higher Tier
- 8. Staying Engaged with Maths Past Papers Edexcel Higher Tier
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Maths Past Papers Edexcel Higher Tier
- 9. Balancing eBooks and Physical Books Maths Past Papers Edexcel Higher Tier
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Maths Past Papers Edexcel Higher Tier
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Maths Past Papers Edexcel Higher Tier
 - Setting Reading Goals Maths Past Papers Edexcel Higher Tier
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Maths Past Papers Edexcel Higher Tier
 - Fact-Checking eBook Content of Maths Past Papers Edexcel Higher Tier
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks

14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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