

IGCSE MATHS

0580/22

PAPER 2

October November-22

Full Solution

Cambridge IGCSE™

Candidate
name

Candidate
number

Candidate
number

MATHEMATICS

Paper 2 (Extended)

0580/22

October/November 2022

1 hour 45 minutes

You must answer on the question paper.

For use with: Calculator (non-programmable)

Solved

INSTRUCTIONS

- Answer all questions.
- Use a pencil in both hand parts. You may use an HB pencil for any diagrams or graphs.
- Write your name, centre number and candidate number in the boxes at the top of the page.
- Write your answers in black ink in the spaces provided.
- Do not use an erasable pen or correction fluid.
- Do not write on any bar codes.
- Any rough work should be done on separate paper.

1. The diagram shows the number of items in a box at regular intervals.

(a) Find the gradient of the line.

(b) Find the number of items in the box at 5 minutes.

(c) Find the time when the number of items in the box is 50.

2. The diagram shows three triangles, A, B and C.

(a) Find the area of triangle A. Give your answer in cm^2 .

(b) Find the area of triangle B. Give your answer in cm^2 .

(c) Find the area of triangle C. Give your answer in cm^2 .

3. The table shows the number of items in a box at regular intervals.

Time (minutes)	Number of items
0	0
1	10
2	20
3	30
4	40
5	50
6	60
7	70
8	80
9	90
10	100

(a) Find the gradient of the line.

(b) Find the number of items in the box at 5 minutes.

(c) Find the time when the number of items in the box is 50.

October November 2012 Mathematics As Level 97paper

J Ma



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Table of Contents October November 2012 Mathematics As Level 97paper

1. Understanding the eBook October November 2012 Mathematics As Level 97paper
 - The Rise of Digital Reading October November 2012 Mathematics As Level 97paper
 - Advantages of eBooks Over Traditional Books
2. Identifying October November 2012 Mathematics As Level 97paper
 - 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 October November 2012 Mathematics As Level 97paper
 - User-Friendly Interface
4. Exploring eBook Recommendations from October November 2012 Mathematics As Level 97paper

- Personalized Recommendations
 - October November 2012 Mathematics As Level 97paper User Reviews and Ratings
 - October November 2012 Mathematics As Level 97paper and Bestseller Lists
5. Accessing October November 2012 Mathematics As Level 97paper Free and Paid eBooks
- October November 2012 Mathematics As Level 97paper Public Domain eBooks
 - October November 2012 Mathematics As Level 97paper eBook Subscription Services
 - October November 2012 Mathematics As Level 97paper Budget-Friendly Options
6. Navigating October November 2012 Mathematics As Level 97paper eBook Formats
- ePub, PDF, MOBI, and More
 - October November 2012 Mathematics As Level 97paper Compatibility with Devices
 - October November 2012 Mathematics As Level 97paper Enhanced eBook Features
7. Enhancing Your Reading Experience
- Adjustable Fonts and Text Sizes of October November 2012 Mathematics As Level 97paper
 - Highlighting and Note-Taking October November 2012 Mathematics As Level 97paper
 - Interactive Elements October November 2012 Mathematics As Level 97paper
8. Staying Engaged with October November 2012 Mathematics As Level 97paper
- Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers October November 2012 Mathematics As Level 97paper
9. Balancing eBooks and Physical Books October November 2012 Mathematics As Level 97paper
- Benefits of a Digital Library
 - Creating a Diverse Reading Collection October November 2012 Mathematics As Level 97paper
10. Overcoming Reading Challenges
- Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine October November 2012 Mathematics As Level 97paper
- Setting Reading Goals October November 2012 Mathematics As Level 97paper
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of October November 2012 Mathematics As Level 97paper

- Fact-Checking eBook Content of October November 2012 Mathematics As Level 97paper
- 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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