

IGCSE MATHS

0580/22

PAPER 2

October November-22

Full Solution

Cambridge IGCSE™

Candidate
name

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number

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number

MATHEMATICS

Paper 2 (Extended)

0580/22

October/November 2022

1 hour 45 minutes

You must answer on the question paper.

For help, visit: [Cambridge International](https://www.cambridgeinternational.org)

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 your candidate's language 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 of 100 items. The number of items in each box is given in the table.

Number of items in a box	Frequency
10	1
20	2
30	3
40	4
50	5
60	6
70	7
80	8
90	9
100	10

(a) Find the mean number of items in a box. (4 marks)

(b) Find the standard deviation of the number of items in a box. (4 marks)

2. The diagram shows three triangles, A, B and C, with vertices marked by dots. The triangles are similar.

(a) Find the value of x . (2 marks)

(b) Find the value of y . (2 marks)

3. The diagram shows a circle with centre O. The points A, B, C and D are on the circumference. The lines AB and CD are parallel. The angle AOC is 120° and the angle BOD is 100° .

(a) Find the value of x . (2 marks)

(b) Find the value of y . (2 marks)

4. The table shows the number of items in a box of 100 items.

Number of items in a box	Frequency
10	1
20	2
30	3
40	4
50	5
60	6
70	7
80	8
90	9
100	10

(a) Find the mean number of items in a box. (4 marks)

(b) Find the standard deviation of the number of items in a box. (4 marks)

Math Igcse Paper May June 23

Léo Pomar



Math Igcse Paper May June 23:

This book delves into Math Igcse Paper May June 23. Math Igcse Paper May June 23 is a vital topic that needs to be grasped by everyone, ranging from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Math Igcse Paper May June 23, encompassing both the fundamentals and more intricate discussions.

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 - Chapter 3: Math Igcse Paper May June 23 in Everyday Life
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 - Chapter 5: Conclusion
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Table of Contents Math Igcse Paper May June 23

1. Understanding the eBook Math Igcse Paper May June 23
 - The Rise of Digital Reading Math Igcse Paper May June 23
 - Advantages of eBooks Over Traditional Books
2. Identifying Math Igcse Paper May June 23
 - 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 Math Igcse Paper May June 23
 - User-Friendly Interface
4. Exploring eBook Recommendations from Math Igcse Paper May June 23
 - Personalized Recommendations
 - Math Igcse Paper May June 23 User Reviews and Ratings
 - Math Igcse Paper May June 23 and Bestseller Lists
5. Accessing Math Igcse Paper May June 23 Free and Paid eBooks
 - Math Igcse Paper May June 23 Public Domain eBooks
 - Math Igcse Paper May June 23 eBook Subscription Services
 - Math Igcse Paper May June 23 Budget-Friendly Options
6. Navigating Math Igcse Paper May June 23 eBook Formats
 - ePub, PDF, MOBI, and More
 - Math Igcse Paper May June 23 Compatibility with Devices
 - Math Igcse Paper May June 23 Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Math Igcse Paper May June 23
 - Highlighting and Note-Taking Math Igcse Paper May June 23
 - Interactive Elements Math Igcse Paper May June 23
8. Staying Engaged with Math Igcse Paper May June 23

- Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Math Igcse Paper May June 23
9. Balancing eBooks and Physical Books Math Igcse Paper May June 23
- Benefits of a Digital Library
 - Creating a Diverse Reading Collection Math Igcse Paper May June 23
10. Overcoming Reading Challenges
- Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Math Igcse Paper May June 23
- Setting Reading Goals Math Igcse Paper May June 23
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Math Igcse Paper May June 23
- Fact-Checking eBook Content of Math Igcse Paper May June 23
 - 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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