

Centre No.						Paper Reference						Surname	Initial(s)	
Candidate No.						1	3	8	0	/	4	H	Signature	

Paper Reference(s)

1380/4H

Edexcel GCSE

Mathematics (Linear) – 1380

Paper 4 (Calculator)

Trigonometry

Past Paper Questions

Arranged by Topic



Examiner's use only

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Team Leader's use only

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Materials required for examination

Ruler graduated in centimetres and millimetres, protractor, compasses, pen, HB pencil, eraser, calculator. Tracing paper may be used.

Items included with question papers

Nil

Instructions to Candidates

In the boxes above, write your centre number, candidate number, your surname, initials and signature.

Check that you have the correct question paper.

Answer ALL the questions. Write your answers in the spaces provided in this question paper.

You must NOT write on the formulae page.

Anything you write on the formulae page will gain NO credit.

If you need more space to complete your answer to any question, use additional answer sheets.

Information for Candidates

The marks for individual questions and the parts of questions are shown in round brackets: e.g. (2).

There are 26 questions in this question paper. The total mark for this paper is 100.

There are 24 pages in this question paper. Any blank pages are 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.

Advice to Candidates

Show all stages in any calculations.

Work steadily through the paper. Do not spend too long on one question.

If you cannot answer a question, leave it and attempt the next one.

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Paper 4 Calculator Trigonometry

Lisa Zimmer Hatch, Scott A. Hatch

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Trigonometry with Calculators Marshall D. Hestenes, Richard O. Hill, 1982

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examinations marks are often lost through carelessness or from not properly understanding the mathematics involved When there are only a few marks on offer for a part of a question there may be full marks for a right answer and none for a wrong one regardless of the thought that went into the answer If you want to avoid losing these marks by improving the clarity both of your mathematical work and your mathematical understanding then Essential Maths for Engineering and Construction is the book for you We all make mistakes who doesn't But mistakes can be avoided when we understand why we make them Taking mistakes commonly made by undergraduate students as its entry point this book not only looks at how you can prevent mistakes but also provides a primer for the fundamental mathematical skills required for your degree discipline Whether you struggle with different types of interest rates geometry statistics calculus or any of the other mathematical areas vital to your degree this book will guide you around the pitfalls

Core Mathematics for Cambridge IGCSE Audrey Simpson, 2011-03-24 Completely covers the syllabus for Cambridge IGCSE Mathematics Core Level

Trigonometry Cynthia Y. Young, 2011-10-04 The third edition of Cynthia Young's Trigonometry brings together all the elements that have allowed instructors and learners to successfully bridge the gap between classroom instruction and independent homework by overcoming common learning barriers and building confidence in students ability to do mathematics Written in a clear voice that speaks to students and mirrors how instructors communicate in lecture Young's hallmark pedagogy enables students to become independent successful learners Varied exercise types and modeling projects keep the learning fresh and motivating Young continues her tradition of fostering a love for succeeding in mathematics by introducing inquiry based learning projects in this edition providing learners an opportunity to master the material with more freedom while reinforcing mathematical skills and intuition The seamless integration of Cynthia Young's Trigonometry 3rd edition with WileyPLUS a research based online environment for effective teaching and learning continues Young's vision of building student confidence in mathematics because it takes the guesswork out of studying by providing them with a clear roadmap what to do how to do it and whether they did it right WileyPLUS sold separately from text

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Cambridge O Level Mathematics Coursebook Audrey

Simpson,2016-03-17 Cambridge O Level Mathematics is a resource to accompany the revised 4024 syllabus This coursebook provides a complete course for developing and practising the skills required for the O Level Mathematics qualification The content has been written to offer a range of tasks that support all aspects of the Cambridge O Level Mathematics syllabus 4024 giving students the confidence to use the mathematical techniques required to solve the range of maths problems required With detailed explanations of concepts worked examples and exercises this coursebook can be used as a classroom text and for self study Trigonometry Activities for the TI-82 and TI-85 Graphing Calculators Cynthia R. Dennis,1995

Featuring updated content vivid applications and integrated coverage of graphing utilities the ninth edition of this hands on trigonometry text guides readers step by step from the right triangle to the unit circle definitions of the trigonometric functions Examples with matched problems illustrate almost every concept and encourage readers to be actively involved in the learning process Key pedagogical elements such as annotated examples think boxes caution warnings and reviews help readers comprehend and retain the material **Make: Trigonometry** Joan Horvath,Rich Cameron,2023-08-21

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Cambridge O Level Mathematics: Volume 1 Audrey Simpson,2012-05-10 Endorsed by University of Cambridge International Examinations Cambridge O Level Mathematics Volume 1 provides a two year course leading to O Level

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Table of Contents Paper 4 Calculator Trigonometry

1. Understanding the eBook Paper 4 Calculator Trigonometry
 - The Rise of Digital Reading Paper 4 Calculator Trigonometry
 - Advantages of eBooks Over Traditional Books
2. Identifying Paper 4 Calculator Trigonometry
 - 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 Paper 4 Calculator Trigonometry
 - User-Friendly Interface
4. Exploring eBook Recommendations from Paper 4 Calculator Trigonometry

- Personalized Recommendations
- Paper 4 Calculator Trigonometry User Reviews and Ratings
- Paper 4 Calculator Trigonometry and Bestseller Lists
- 5. Accessing Paper 4 Calculator Trigonometry Free and Paid eBooks
 - Paper 4 Calculator Trigonometry Public Domain eBooks
 - Paper 4 Calculator Trigonometry eBook Subscription Services
 - Paper 4 Calculator Trigonometry Budget-Friendly Options
- 6. Navigating Paper 4 Calculator Trigonometry eBook Formats
 - ePub, PDF, MOBI, and More
 - Paper 4 Calculator Trigonometry Compatibility with Devices
 - Paper 4 Calculator Trigonometry Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Paper 4 Calculator Trigonometry
 - Highlighting and Note-Taking Paper 4 Calculator Trigonometry
 - Interactive Elements Paper 4 Calculator Trigonometry
- 8. Staying Engaged with Paper 4 Calculator Trigonometry
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Paper 4 Calculator Trigonometry
- 9. Balancing eBooks and Physical Books Paper 4 Calculator Trigonometry
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Paper 4 Calculator Trigonometry
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Paper 4 Calculator Trigonometry
 - Setting Reading Goals Paper 4 Calculator Trigonometry
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Paper 4 Calculator Trigonometry

- Fact-Checking eBook Content of Paper 4 Calculator Trigonometry
- 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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