Centre No.		Paper Reference						Surname	Initial(s)
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1380/4H

## Edexcel GCSE

Mathematics (Linear) - 1380

Paper 4 (Calculator)

## Trigonometry

Past Paper Questions Arranged by Topic

Materials required for examination

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

Examiner's one only

Team Leader's use only

#### Items included with question papers

#### 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  $\pi$  button, take the value of  $\pi$  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.

Return at the end to those you have left out.

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## **Paper 4 Calculator Trigonometry**

**Rosina Ehmann** 

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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

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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
  - o 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
  - o 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
  - o 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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vocabulary period a horizontal row of elements on the periodic table group elements in the same vertical column of the periodic table also called a family diatomic molecule consists of two atoms such as o 2 objectives the students will be able to classify elements based on their properties interpret data on the properties of elements

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table can you tell which elements on the human periodic table these alien names represent name date core alien periodic table write your suggestions for the proper placement of the alien elements in the blank periodic table below then answer the questions based on your answers 1 18 alien elements

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procedure fill in the blank periodic table below with the correct alien planet symbol for each element the symbol is given in parentheses after the element name in the data statements hints metals become more reactive as you go down

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