

Monday 3 June 2024 – Morning

GCSE (9–1) Mathematics

J560/05 Paper 5 (Higher Tier)

Time allowed: 1 hour 30 minutes

You must have:

- the Formulae Sheet for Higher Tier (inside this document)

You can use:

- geometrical instruments
- tracing paper

Do not use:

- a calculator

H



Please write clearly in black ink. Do not write in the barcodes.

Centre number

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Candidate number

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First name(s)

Last name

INSTRUCTIONS

- Use black ink. You can use an HB pencil, but only for graphs and diagrams.
- Write your answer to each question in the space provided. If you need extra space use the lined pages at the end of this booklet. The question numbers must be clearly shown.
- Answer **all** the questions.
- Where appropriate, your answer should be supported with working. Marks might be given for using a correct method, even if your answer is wrong.

INFORMATION

- The total mark for this paper is **100**.
- The marks for each question are shown in brackets [].
- This document has **20** pages.

ADVICE

- Read each question carefully before you start your answer.



Ocr Maths June 2013 Paper

Paul Sanders

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

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The Times Index, 2013-06 Indexes the Times Sunday times and magazine Times literary supplement Times educational supplement Time educational supplement Scotland and the Times higher education supplement *Parliamentary Debates (Hansard)*. Great Britain. Parliament. House of Commons, 2010 **Key Maths GCSE**, 2002 These resources offer a range of material for the OCR Specification

OCR A Level Mathematics Year 2 Sophie Goldie, Susan Whitehouse, Val Hanrahan, Cath Moore, Jean-Paul Muscat, 2018-06-04 Boost your students knowledge skills and understanding so that they can reason and apply mathematical techniques in solving problems with resources developed specifically for the OCR specification by subject experts and in conjunction with MEI Mathematics in Education and Industry Boosts students confidence approaching assessment with plenty of practice questions and skill focused exercises Build connections between topics with points of interest and things to notice such as links to real world examples and noticing patterns in the mathematics Ensure targeted development of problem solving proof and modelling with dedicated sections on these key areas Help students to overcome misconceptions and develop insight into problem solving with annotated worked examples Enhance individual understanding with discussion points designed for the classroom and end of chapter summaries of the key points Tackle the new statistics requirements with five dedicated statistics chapters and questions around the use of large data sets Address the use of technology in Mathematics with a variety of questions based around the use of spreadsheets graphing software and graphing calculators Provide clear paths of progression that combine pure and applied maths into a coherent whole Reinforce Year 1 content with short review chapters Year 2 only **OCR A Level**

Mathematics Year 1 (AS) Sophie Goldie, Val Hanrahan, Cath Moore, Susan Whitehouse, Jean-Paul Muscat, 2017-08-25

Maths, 2021-12 **A Level Mathematics for OCR A Student Book 1 (AS/Year 1)** Ben Woolley, 2017-07-06 New 2017 Cambridge A Level Maths and Further Maths resources help students with learning and revision Written for the OCR AS A Level Mathematics specifications for first teaching from 2017 this print Student Book covers the content for AS and the first year of A Level It balances accessible exposition with a wealth of worked examples exercises and opportunities to test and consolidate learning providing a clear and structured pathway for progressing through the course It is underpinned by a strong pedagogical approach with an emphasis on skills development and the synoptic nature of the course Includes answers to aid independent study A-Level Maths for OCR C1 Paul Sanders, 2005 This brand new Advanced Level course has been written specifically to match to the OCR A A Level specification and provides individual board specific textbooks for each module *A Level Mathematics for OCR A Student Book 2 (Year 2)* Vesna Kadelburg, Ben Woolley, 2018-01-25 New 2017 Cambridge A Level Maths and Further Maths resources help students with learning and revision Written for the OCR A Level Mathematics specification for first teaching from 2017 this print Student Book covers the content for the second year of A Level It balances accessible exposition with a wealth of worked examples exercises and opportunities to test and consolidate

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skills with practice questions and differentiated exercises that build mathematical techniques Help students to overcome misconceptions and develop insight into problem solving with annotated worked examples Build connections between topics with points of interest and things to notice such as links to real world examples and noticing patterns in the mathematics Enhance individual understanding with discussion points designed for the classroom Consolidate understanding with end of chapter summaries of the key points Provide clear paths of progression that combine pure and applied maths into a coherent whole

My Revision Notes: OCR Level 3 Free Standing Mathematics Qualification: Additional Maths (2nd edition) Michael Ling, 2019-11-18 Exam Board OCR Level Free Standing Mathematics Qualification Subject Additional Mathematics First Teaching September 2018 First Exam June 2019 Target success in OCR Additional Mathematics with this proven formula for effective structured revision Key content coverage is combined with numerous worked examples and exam style questions to create a revision guide that students can rely on to review strengthen and test their knowledge Develop the key skills needed for success with skills focused questions around problem solving covering the 2018 specification Strategically target revision with diagnostic questions that establish which topics need focus Get assessment ready with exam style questions and advice on common mistakes and how to show the correct workings Reinforce knowledge and identify weaknesses using hundreds of questions supported by answers in the back of the book

OCR Additional Mathematics Revision Guide for Advanced Free Standing Mathematics Qualification Michael Ling, 2012-01-01 Essential revision guide matching the OCR specification will help your students refresh their knowledge of tricky concepts with past paper exam questions Detailed worked answers are also included so students can better prepare for their exam Reinforces and refreshes your original teaching by referencing the endorsed textbook Revision is kept stress free and focused with key information explained in concise terms Written by specialist authors with experience and vast knowledge of the covered topics

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