

FREE-STANDING MATHEMATICS QUALIFICATION
Advanced Level

ADDITIONAL MATHEMATICS

FRIDAY 6 JUNE 2008

0993/01

Afternoon
Time: 2 hours

Additional materials: Answer booklet (16 pages)
Graph paper

You are not allowed a formulae booklet in this paper.

INSTRUCTIONS TO CANDIDATES

- Write your name in capital letters, your Centre Number and Candidate Number in the spaces provided on the Answer Booklet.
- Read each question carefully and make sure you know what you have to do before starting your answer.
- Answer all the questions.
- You are permitted to use a scientific or graphical calculator in this paper.
- If an answer should be given correct to three significant figures, round appropriately.

INFORMATION FOR CANDIDATES

- The number of marks is given in brackets () at the end of each question or part question.
- The total number of marks for this paper is 100.
- You are advised that an answer may receive no marks unless you show sufficient detail of the working to indicate that a correct method is being used.

Ocr Additional Mathematics Past Papers 2013

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Independent Schools Yearbook 2012-2013 none, 2013-06-20 The highly respected book of reference of sought after Independent Schools in membership of the Independent Schools Council s Associations HMC GSA The Society of Heads IAPS ISA and COBIS

GCSE Mathematics for OCR Higher Student Book Karen Morrison, Julia Smith, Pauline McLean, Rachael Horsman, Nick Asker, 2015-04-16 A new series of bespoke full coverage resources developed for the 2015 GCSE Mathematics qualifications Endorsed for the OCR J560 GCSE Mathematics Higher tier specification for first teaching from 2015 this Student Book provides full coverage of the new GCSE Mathematics qualification With a strong focus on developing problem solving skills reasoning and fluency it helps students understand concepts apply techniques solve problems reason interpret and communicate mathematically Written by experienced teachers it also includes a solid breadth and depth of quality questions set in a variety of contexts GCSE Mathematics Online an enhanced digital resource incorporating progression tracking is also available as well as Problem solving Books Homework Books and a free Teacher s Resource

GCSE Mathematics for OCR Higher Homework Book Karen Morrison, Nick Asker, 2015-06-18 A new series of bespoke full coverage resources developed for the 2015 GCSE Mathematics qualifications Endorsed for the OCR J560 GCSE Mathematics Higher tier specification for first teaching from 2015 our Homework Book is an ideal companion to the OCR Higher tier Student Book and can be used as a standalone resource With exercises that correspond to each section of the Student Book it offers a wealth of additional questions for practice and consolidation Our Homework Books contain a breadth and depth of questions covering a variety of skills including problem solving and mathematical reasoning as well as extensive drill questions Answers to all questions are available free on the Cambridge University Press UK Schools website

GCSE Mathematics for OCR Foundation Homework Book Karen Morrison, Nick Asker, 2015-05-28 A new series of bespoke full coverage resources developed for the 2015 GCSE Mathematics qualifications Endorsed for the OCR J560 GCSE Mathematics Foundation tier specification for first teaching from 2015 our Homework Book is an ideal companion to the OCR Foundation tier Student Book and can be used as a standalone resource With exercises that correspond to each section of the Student Book it offers a wealth of additional questions for practice and consolidation Our Homework Books contain a breadth and depth of questions covering a variety of skills including problem solving and mathematical reasoning as well as extensive drill questions Answers to all questions are available free on the Cambridge University Press UK Schools website

PC Magazine , 1986

Additional Mathematics for Ocr Val Hanrahan, Roger Porkess, 2004 Teach with confidence knowing your students will be fully prepared for their exams with this detailed textbook that is closely tailored to the specification and has been endorsed by OCR Endorsed by OCR for use with the OCR Additional Mathematics specification This level 3 qualification in Key Stage 4 enables students to study higher level mathematics without having to embark on their AS modules Accessible and concise written by experienced authors to guide and encourage your higher level students towards

success Includes an introduction to each topic followed by worked examples with commentaries Provides plenty of practice with hundreds of questions Ideal for students considering maths at AS A level accelerating their progress and aiding their future choices Table of Contents 1 Algebra I review 2 Algebra II techniques 3 Algebra III polynomials 4 Algebra IV applications 5 Co ordinate geometry I 6 Co ordinate geometry II applications 7 Trigonometry I 8 Trigonometry II applications 9 Calculus I differentiation 10 Calculus II integration 11 Calculus III applications to kinematics OCR Advanced FSMQ - Additional Mathematics Stephen Doyle, 2015-02-24 The OCR endorsed textbook is an excellent step by step approach to Advanced FSMQ Additional Maths 2002 specification and covers the majority of the content for first teaching 2018 specification helping students make the transition to A Level Plenty of examples practice questions and advice on exam skills help prepare students to succeed *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 CONTENTS Section 1 Algebra 1 Basic algebra 2 Quadratic equations 3 Simultaneous equations 4 Setting up equations 5 Inequalities 6 Polynomials 7 The binomial expansion Section 2 Co ordinate Geometry 1 Straight lines 2 Circles 3 Linear programming Section 3 Trigonometry 1 The trigonometrical ratios 2 Identities and equations 3 Area and the sine and cosine rules 4 2 D and 3 D problems Section 4 Calculus 1 Differentiation 2 Tangents and normals 3 Stationary points 4 Integration 5 Definite integrals and area 6 Kinematics **Additional Mathematics** Vali Nasser, 2014-08-28 This book will prepare you well for the Additional Mathematics exam set by OCR Although it starts gently with a few reminders it builds up quickly to the level required in the various topics you can expect in the exam The book assumes that you have achieved or can achieve a good grade B A or A in GCSE maths The content covers the four essential areas that you will be tested on which includes Algebra Co ordinate Geometry Trigonometry and Calculus It also includes some Kinematics to familiarize you with Applied Mathematics The FSMQ Advanced Free Standing Mathematics Qualification will prepare you well for doing mathematics at a higher level This will be particularly true if you want to progress to AS or A2 and get familiar with most aspects of Core1 syllabus with ease **Fsmq in a Nutshell** The Maths Clinic, 2017-02-17 FSMQ in a nutshell the ultimate revision and study guide for the OCR Free Standing Mathematics Qualification This book covers the four main branches of Pure Mathematics Algebra Co ordinate Geometry Trigonometry and Calculus and introduces with each branch a topic of Applied Mathematics Absolutely all you need to know to ace your exam **Additional Mathematics** ,2023 **Additional Mathematics** ,2023 *Additional Mathematics* ,2023 Additional Mathematics ,2023 *OCR LEVEL 3 FREE STANDING MATHEMATICS QUALIFICATION* ANDREW; HANRAHAN GINTY

(VAL.), Exam Board OCR Level Free Standing Mathematics Qualification Subject Additional Mathematics First Teaching September 2018 First Exam June 2019 Benefit from the expert input of subject specialists with examining experience in this assessment led Exam Practice Book tailored to the 2018 specification and packed with exam style questions Prepare for the exam with hundreds of exam style questions that are matched to the new specification Provide structured support and extra practice with questions focused on reasoning and problem solving Create opportunities for self directed learning

OCR Level 3 Free Standing Mathematics Qualification Val Hanrahan, 2019 Exam Board OCR Level Free Standing Mathematics Qualification Subject Additional Mathematics First Teaching September 2018 First Exam Summer 2019 Enhance the skills learnt at GCSE and build the confidence to tackle higher level Mathematics using this comprehensive textbook tailored to the new OCR Additional Mathematics specification 2018 Consolidate GCSE Maths skills and prepare for A level using hundreds of questions designed to bridge the gap between Key Stages 4 and 5 Expand on GCSE knowledge and confidently tackle new concepts with clear introductions to every topic and plenty

My Revision Notes Michael Ling, 2019 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

AS-Level Maths OCR A Complete Revision and Practice Richard Parsons, CGP Books, 2011-03-01 AS Level Maths OCR A Complete Revision and Practice

OCR Year 1/AS Mathematics Exam Practice Jan Dangerfield, Rose Jewell, Sue Pope, Andrew Roberts, Nick Geere, 2018-03-29

Ocr Additional Mathematics Past Papers 2013 Book Review: Unveiling the Power of Words

In some sort of driven by information and connectivity, the power of words has be more evident than ever. They have the capacity to inspire, provoke, and ignite change. Such is the essence of the book **Ocr Additional Mathematics Past Papers 2013**, a literary masterpiece that delves deep into the significance of words and their affect our lives. Written by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we will explore the book is key themes, examine its writing style, and analyze its overall impact on readers.

<https://crm.avenza.com/data/detail/Documents/Pediatric%20Board%20Practice%20Questions.pdf>

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