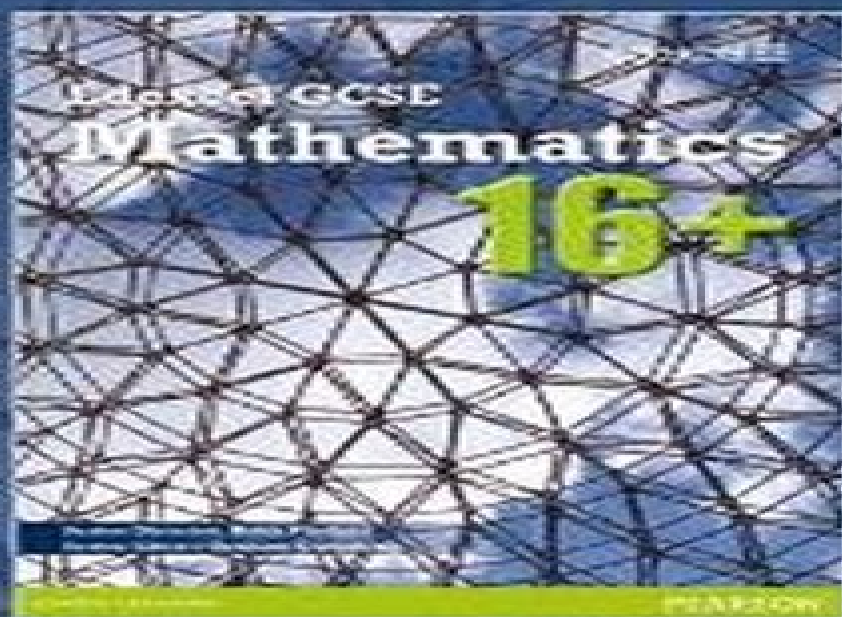


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GCSE Mathematics for Edexcel Higher Homework Book Karen Morrison, Nick Asker, 2015-06-25 A new series of bespoke full coverage resources developed for the 2015 GCSE Mathematics qualifications Endorsed for the Edexcel GCSE Mathematics Higher tier specification for first teaching from 2015 our Homework Book is an ideal companion to the Edexcel 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

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Revise for London GCSE Mathematics Keith Pledger, David Kent, 1997 A revision guide for the London Examinations Board GCSE higher maths exam The book offers key point summaries of candidates expected knowledge worked examples test yourself diagnostic questions and a further practice examination paper The text is cross referenced to the companion course text

Conceptual Maths Peter Mattock, 2023-04-05 Written by Peter Mattock Conceptual Maths Teaching about rather than just how to do mathematics in schools aims to empower teachers to support students on a comprehensive and coherent journey through school mathematics Showcasing the best models metaphors and representations it provides excellent examples explanations and exercises that can be used across the curriculum Concepts are at the heart of the study of

mathematics They are the ideas that remain constant whenever they are encountered but which combine and build upon each other to create the mathematical universe It is the structure of each concept that gives rise to the procedures that are used in calculation and problem solving and by learning about these structures a learner can make sense of how different processes work and use them flexibly as need demands In his first book *Visible Maths* Peter Mattock focused on the use of representations and manipulatives as images and tools and how this can provide a window into some of these mathematical structures His aim in *Conceptual Maths* is to go deeper beyond the procedures and to shed greater light on the structures of the subject's different concepts The book explores how a variety of visual tools and techniques can be used in the classroom to deepen pupils' understanding of mathematical structures concepts and operations including number addition and subtraction multiplication and multiples division and factors proportionality functionality measures accuracy probability shape and transformation and vectors among many others In so doing Peter equips teachers with the confidence and practical know how to help learners assimilate knowledge of mathematical concepts into their schema and take their learning to the next level Containing numerous full colour diagrams and models to illustrate the conceptual takeaways and teaching techniques discussed *Conceptual Maths* also includes a glossary covering the key mathematical terms Suitable for teachers of maths in primary secondary and post 16 settings *Rev Plus Gcse Math Foun Rev Gd* John Proctor, 2009-03 [GCSE Mathematics for Edexcel Foundation Homework Book](#) Nick Asker, Karen Morrison, 2015-06-18 A new series of bespoke full coverage resources developed for the 2015 GCSE Mathematics qualifications Endorsed for the Edexcel GCSE Mathematics Foundation tier specification for first teaching from 2015 our Homework Book is an ideal companion to the Edexcel 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 [Edexcel GCSE Mathematics](#), 2002 *Cognitive Development from a Strategy Perspective* Patrick Lemaire, 2017-09-21 Cognitive Development from a Strategy Perspective recognises the outstanding scientific legacy of Robert S Siegler as a pioneer of modern research on cognitive development throughout the lifespan This volume presents a collection of essays written by leading scholars in the field using cutting edge research to illustrate how Siegler's work and ideas lay the groundwork for much of the modern studies on cognitive development The collection includes chapters which examine strategic aspects of lifespan cognitive development change mechanisms underlying cognitive development and numeracy acquisition with emphasis given to the application of new strategies for education It explores conceptual and methodological frameworks to best study and understand development during childhood and adulthood and the role of foundational core knowledge on development and acquisition These foundational issues are examined from various angles and finally integrated in a

concluding panoramic chapter written by Siegler himself Cognitive Development from a Strategy Perspective offers valuable reading for graduates and researchers in cognitive development and mathematical cognition as well as those at the interface of psychology and education *Learning to Teach Mathematics in the Secondary School* Sue Johnston-Wilder, Clare Lee, David Pimm, 2010-09-13 What is the role of mathematics in the secondary classroom What is expected of a would be maths teacher How is mathematics best taught and learnt *Learning to Teach Mathematics in the Secondary School* combines theory and practice to present a broad introduction to the opportunities and challenges of teaching mathematics in the modern secondary school classroom Written specifically with the new and student teacher in mind the book covers a wide range of issues related to the teaching of mathematics including The role of ICT Assessment for Learning NEW Using mathematics in context NEW Communicating mathematically Planning mathematics lessons Including special needs pupils Teaching mathematics post 16 Professional Development Already a major text for many university teaching courses this fully revised third edition takes into account new developments in the National Curriculum as well as recent changes to the standards for Qualified Teacher Status Featuring two brand new chapters a glossary of useful terms addresses for resources and organisations and tasks designed to prompt critical reflection and support thinking and writing at Masters level this book will help you make the most of school experience during your training and beyond Designed for use as a core textbook this new edition of *Learning to Teach Mathematics in the Secondary School* provides essential guidance and advice for all trainee and practising teachers of secondary mathematics

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