

# **IGCSE Math**

## **Paper 4 (extended)**

**0580/41**

**May/June 2022**



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# Maths Paper 4 Extended

**David Baker**



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*Leadership Rules: What Leaders Need to Know and Do to Run Great Schools* Jo Facer, 2024-10-22 What do great leaders need to do to run great schools This exciting new book from Jo Facer takes the theory ideas and vision that so many leaders share and translates it into the small steps that busy school leaders can take that together lead to big positive changes Exploring the three cornerstones of a great education behaviour curriculum and teaching as well as the oft neglected operations the book outlines the theory and what best practice looks like in each area and then reveals the leadership actions that enable schools to get there Each chapter also features real case studies from school leaders who explain how they have implemented the ideas and the impact they have had in their settings Full of practical sustainable ideas to implement in the short and long term this is essential reading for all leaders in primary and secondary schools

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*Maths. Pyramid* Janet Sinclair, Sheila Renshaw, 2000 Maths Pyramid is a comprehensive teaching resource written specifically to support the development of more able children in the context of the Daily Maths Lesson It allows a top set to be stretched beyond the core class work while keeping them on the same topic as the rest of the class

**Key Maths 7/1** David Baker, 2000 These resources provide invaluable support within the Key Maths series for all mathematics teachers whether specialists or non specialist experienced or new to the profession

Leading Primary Mathematics Catherine Foley, Jane McNeill, Stephanie Suter, 2019-03-18 This book provides guidance and insight into what mathematics leadership looks like in practice and shows readers how they can develop from a confident teacher into a curriculum subject leader It does this through a careful blend of pedagogy and practical application supported by a range of real world case studies and opportunities to reflect critically on classroom practice Key coverage includes The planning and application that underpins subject leadership How international perspectives can influence leadership of mathematics How to develop fluency through

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**II. Quantum Theories and Algebraic Geometry** Sergey Novikov, Igor Krichever, Oleg Ogievetsky, Senya Shlosman, 2021-04-12 This book is a collection of articles written in memory of Boris Dubrovin 1950 2019 The authors express their admiration for his remarkable personality and for the contributions he made to mathematical physics For many of the authors Dubrovin was a friend colleague inspiring mentor and teacher The contributions to this collection of papers are split into two parts Integrable Systems and Quantum Theories and Algebraic Geometry reflecting the areas of main scientific interests of Dubrovin Chronologically these interests may be divided into several parts integrable systems integrable systems of hydrodynamic type WDVV equations Frobenius manifolds isomonodromy equations flat connections and quantum cohomology The articles included in the first part are more or less directly devoted to these areas primarily with the first three listed above The second part contains articles on quantum theories and algebraic geometry and is less directly connected with Dubrovin's early interests

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