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A Level Further Mathematics for AQA Student Book 1 (AS/Year 1) Cambridge University Press New 2017 Cambridge A Level Maths and Further Maths resources to help students with learning and revision. Written for the AQA AS/A Level Further Mathematics specifications for first teaching from 2017, this print Student Book covers the compulsory 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. This book has entered an AQA approval process. AS and A Level Maths For Dummies John Wiley & Sons Pass your AS & A level maths with flying colours Looking to pass your AS and A level maths? Look no further. AS & A Level Maths For Dummies offers detailed, simple steps for all of the main types of problems you'll face in your exams, offering explanations of how the topics link together, advice on how to remember the key facts and methods, and ways to structure revision. Even if your head is spinning and you don't know where to begin, this fun and friendly guide gives in-depth support on exactly what you need to know. In the big data and digital age, maths skills have never been more important to career success. AS & A Level Maths For Dummies guides you through the skills needed to pass the exams taken at the end of the first and second year of the course. It begins with the knowledge needed to get a top grade at GCSE, followed by sections on Algebra (functions, graph-sketching, and logarithms), Geometry (coordinate geometry, trigonometry, and working with shapes) and Calculus (differentiation, integration, and differential equations). Helps you build the confidence you need to pass your exams Serves as an excellent supplement to classroom learning Makes difficult maths concepts easy to understand Offers in-depth support in a fun and friendly style If you're an AS & A level student looking to do your very best at exam time, AS & A Level Maths For Dummies makes it easier. A-Level Mathematics A Comprehensive and Supportive Companion to the Unified Curriculum Tarquin Group Contemporary, comprehensive text A new syllabus in the UK, without a history of questions to drill students on, is an opportunity for a fresh approach. We start with the assumption that mathematics at A Level should deliver good students for higher level studies - in mathematics and science. Contributions from mathematicians in industry provide real world links that will help with understanding and motivation. Our approach is therefore practical and inspirational. Our student text for Year 1 provides an excellent and fresh look at how mathematics is taught - designed to prepare students for examinations by going through the curriculum thoroughly and expertly. But more than that, by making the first class problem solvers. A Level Mathematics for OCR A Student Book 1 (AS/Year 1) Cambridge University Press New 2017 Cambridge A Level Maths and Further Maths resources to 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. Bridging GCSE and A-Level Maths Student Book Collins Ensure students are fully prepared for A-Level Maths with this revised second edition, fully updated to bridge the GCSE Maths 9-1 and A-level 2017 specifications. Written by an experienced A-Level author who is a practising A-Level teacher, this fully updated edition is an ideal resource to be used in the classroom or for independent study. Similar in structure to Collins Maths revision guides, the Bridging GCSE and A-level Maths Student Book is split into an explanation section and a practice section.* Identify and understand the transition from GCSE to AS and A-level Maths with 'What you should already know' objectives and 'What you will learn' objectives at the start of each topic* Get a head start on your AS/A-level Maths with introductions to key pure maths topics for all exam boards (AQA, OCR and Edexcel)* Boost your understanding with worked examples which include extra guidance in the form of 'Handy hint', 'Checkpoint', 'A-level Alert!' and 'Common error' boxes* Reinforce and build on your maths to fully prepare you for AS level/A-level with worked examples and plenty of practice questions from Grades 7-9 at GCSE Level extending to AS standard* Think and draw on different areas of maths with investigations at the end of some topics* Check your progress with answers to Maths practice questions at the back of the book* Test your understanding of the maths you've covered with the practice exam paper Edexcel AS and A Level Mathematics Pure Mathematics Year 2 Practice Workbook A level Maths and Further Maths 2017 Our A level Mathematics Pure Year 2 Practice Book is a brand-new addition to the market leading and most-trusted resources for Pearson Edexcel AS and A level Mathematics, to help you get exam-ready. Coverage: The practice workbooks cover all Pure, Statistics and Mechanics topics, reflecting the style of questions seen in the summer 2018 exams. Quantity: The most A level question practice available, with over 2000 extra questions per book. Practice at the right pace: Start with the essentials, build your skills with various practice questions to make connections between topics, then apply this to exam-style questions at the end of each chapter. Get exam-ready with confidence: Differentiated questions including 'Bronze, Silver, Gold' in each chapter, and a mixed problem-solving section for each book, will guide and help you to develop the skills you need for your exams. Designed to be used flexibly, the practice books are fully mapped to the scheme of work and textbooks so you can use them seamlessly in and out of the classroom and all year round. Use them lesson by lesson, topic by topic, for homework, revision and more - the choice is yours. Great value practice materials that are cheaper than photocopying, saves more time than independently sourcing questions and answers, and are all in one place. A Level Mathematics for AQA Student Book 2 (Year 2) Cambridge University Press A comprehensive series of bespoke resources developed for the 2017 AS/A Level Mathematics specifications. Written for the AQA 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 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. AS/A Level Maths for AQA - Core 1: Student Book AS/A Level Maths for AQA - Core 1: Student Book Basic Maths For Dummies John Wiley & Sons Whether you are returning to school, studying for an adult numeracy test, helping your kids with homework, or seeking the confidence that a firm maths foundation provides in everyday encounters, Basic Maths For Dummies, UK Edition, provides the content you need to improve your basic maths skills. Based upon the Adult Numeracy Core Curriculum, this title covers such topics as: Getting started with the building blocks of maths and setting yourself up for success Dealing with decimals, percentages and tackling fractions without fear Sizing Up weights, measures, and shapes How to handle statistics and gauge probability Filled with real-world examples and written by a PhD-level mathematician who specialises in tutoring adults and students, Basic Maths For Dummies also provides practical advice on overcoming maths anxiety and a host of tips, tricks, and memory aids that make learning maths (almost) painless - and even fun. A-Level Mathematics for AQA Core 4 The Complete Course for AQA C4 Coordination Group Publication AS/A Level Maths for AQA - Core 4: Student Book A -Level Mathematics Collins Level & Subject: AS / A-level Year 1 Maths First teaching: September 2017 First exams: June 2018 Prepare to excel in the new linear A-level Mathematics with this student book suitable for use with all UK exam boards. It covers all the pure, mechanics and statistics content needed for AS and A-level Year 1 for the 2017 A-level Mathematics specifications, and combines comprehensive and supportive explanations with plenty of exam-style practice. Written by expert authors, this Student Book will:* prepare you for linear assessment with topic links and exam-style practice questions in every chapter, plus an additional exam review chapter to extend and challenge* help you take control of your learning with prior knowledge checks to assess readiness and end-of-chapter summaries that test understanding* support you through the course with detailed explanations, clear worked examples and plenty of practice on each topic, with short answers in the book and full worked solutions available to teachers* build the key A-level skills of problem-solving, modelling, communicating mathematically and working with proofs, with questions to test these skills in every section* give you plenty of practice in working with your exam board's large data set with specially designed activities in the Statistics chapters* set maths in the real-world contexts that emphasise practical applications and develop your skills using technology in maths. Includes free Student ebook to give you flexibility to study and wherever and whenever you like. A Level Mathematics: First Aid Kit Hachette UK Master essential skills and boost progress in A-level Maths with extra support and practice for every topic. This book provides structured guidance through clear explanations, worked examples and practice questions. - Improve understanding with clear explanations, worked examples and links that highlight relationships between topics - Put skills into practice and check understanding with skills-focused and problem-solving questions, plus carefully structured multiple-choice questions with detailed answers online that explain each correct and incorrect answer - Build confidence and develop awareness of potential misconceptions with 'Be the examiner' exercises - Learn to apply GCSE knowledge to A-level concepts with questions that bridge the gap between Key Stages 4 and 5 - Identify and avoid common mistakes with worked solutions in the back of the book - Develop advanced calculator skills with links to extra online material designed to enhance understanding and develop checking strategies using a graphical calculator AQA A Level Further Maths: Year 2 Oxford University Press - Children This Student Book provides full support for the second year of AQA's new specification. Covering both the compulsory content (further pure) and all the optional content (mechanics, statistics and discrete maths), it offers dedicated problem-solving exercises, along with abundant worked examples. Edexcel AS and A Level Mathematics Pure Mathematics Year 1/AS Practice Book A level Maths and Further Maths 2017 Our A level Mathematics Pure Year 1 Practice Book is a brand-new addition to the market leading and most-trusted resources for Pearson Edexcel AS and A level Mathematics, to help you get exam-ready. Coverage: the practice workbooks cover all Pure, Statistics and Mechanics topics, reflecting the style of questions seen in the summer 2018 exams. Quantity: the most A level question practice available, with over 2,000 extra questions per book. Practice at the right pace: start with the essentials, build your skills with various practice questions to make connections between topics, then apply this to exam-style questions at the end of each chapter. Get exam-ready with confidence: differentiated questions including 'Bronze, Silver, Gold' in each chapter, and a mixed problem-solving section for each book, will guide and help you to develop the skills you need for your exams. Designed to be used flexibly, the practice books are fully mapped to the scheme of work and textbooks so you can use them seamlessly in and out of the classroom and all year round. Use them lesson by lesson, topic by topic, for homework, revision and more - the choice is yours. Great value practice materials that are cheaper than photocopying, saves more time than independently sourcing questions and answers, and are all in one place. Cambridge International AS & A Level Mathematics Pure Mathematics 1 second edition Hachette UK Exam board: Cambridge Assessment International Education Level: A-level Subject: Mathematics First teaching: September 2018 First exams: Summer 2020 Endorsed by Cambridge Assessment International Education to provide full support for Paper 1 of the syllabus for examination from 2020. Take mathematical understanding to the next level with this accessible series, written by experienced authors, examiners and teachers. - Improve confidence as a mathematician with clear explanations, worked examples, diverse activities and engaging discussion points. - Advance problem-solving, interpretation and communication skills through a wealth of questions that promote higher-order thinking. - Prepare for further study or life beyond the classroom by applying mathematics to other subjects and modelling real-world situations. - Reinforce learning with opportunities for digital practice via links to the Mathematics in Education and Industry's (MEI) Integral platform in the eTextbooks.* *To have full access to the eTextbooks and Integral resources you must be subscribed to both Dynamic Learning and Integral. To trial our eTextbooks and/or subscribe to Dynamic Learning, visit:

www.hoddereducation.co.uk/dynamic-learning; to view samples of the Integral resources and/or subscribe to Integral, visit integralmaths.org/international Please note that the Integral resources have not been through the Cambridge International endorsement process. This book covers the syllabus content for Pure Mathematics 1, including quadratics, functions, coordinate geometry, circular measure, trigonometry, series, differentiation and integration. Available in this series: Five textbooks fully covering the latest Cambridge International AS & A Level Mathematics syllabus (9709) are accompanied by a Workbook, and Student and Whiteboard eTextbooks. Pure Mathematics 1: Student Textbook (ISBN 9781510421721), Student eTextbook (ISBN 9781510420762), Whiteboard eTextbook (ISBN 9781510420779), Workbook (ISBN 9781510421844) Pure Mathematics 2 and 3: Student Textbook (ISBN 9781510421738), Student eTextbook (ISBN 9781510420854), Whiteboard eTextbook (ISBN 9781510420878), Workbook (ISBN 9781510421851) Mechanics: Student Textbook (ISBN 9781510421745), Student eTextbook (ISBN 9781510420953), Whiteboard eTextbook (ISBN 9781510420977), Workbook (ISBN 9781510421837) Probability & Statistics 1: Student Textbook (ISBN 9781510421752), Student eTextbook (ISBN 9781510421066), Whiteboard eTextbook (ISBN 9781510421097), Workbook (ISBN 9781510421875) Probability & Statistics 2: Student Textbook (ISBN 9781510421776), Student eTextbook (ISBN 9781510421158), Whiteboard eTextbook (ISBN 9781510421165), Workbook (ISBN 9781510421882) Essentials of Statistics, Global Edition Essentials of Statistics raises the bar with every edition by incorporating an unprecedented amount of real and interesting data that will help instructors connect with students today, and help them connect statistics to their daily lives. The 5th Edition contains more than 1,585 exercises, 89% of which use real data and 86% of which are new. Hundreds of examples are included, 92% of which use real data and 85% of which are new. A Level Further Mathematics for AQA Mechanics Student Book (AS/A Level) Cambridge University Press New 2017 Cambridge A Level Maths and Further Maths resources to help students with learning and revision. Written for the AQA AS/A Level Further Mathematics specification for first teaching from 2017, this print Student Book covers the Mechanics content for AS and 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. This book has entered an AQA approval process. GCSE Maths Edexcel Higher Student Book (Collins GCSE Maths) HarperCollins UK Exam Board: Edexcel Level & Subject: GCSE Maths First teaching: September 2015 First exams: June 2017 Endorsed by Edexcel A Level Further Mathematics for OCR A Statistics Student Book (AS/A Level) Cambridge University Press New 2017 Cambridge A Level Maths and Further Maths resources to help students with learning and revision. Written for the OCR AS/A Level Further Mathematics specification for first teaching from 2017, this print Student Book covers the Statistics content for AS and 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. Cambridge International AS & A Level Mathematics: Pure Mathematics 2 & 3 Practice Book Cambridge University Press This series has been developed specifically for the Cambridge International AS & A Level Mathematics (9709) syllabus to be examined from 2020. This title offers additional practice exercises for students following the Pure Mathematics 2 & 3 unit of the Cambridge International AS & A Level Mathematics syllabus (9709). The materials follow the same order as the corresponding coursebook and contain extra worked examples to help students understand the skills required of the syllabus. End-of-chapter review exercises are also provided to help students conduct self assessment, with answers at the back of the book to check understanding. Essential Maths "This book is for students working towards A Level Mathematics. Together with Book 1 it covers all the Pure Mathematics necessary for the full A level. It can be used in the classroom, and also contains sufficient explanations and worked examples for students working on their own. The exercises are plentiful, and graded in difficulty, to allow students to build confidence where necessary, and to extend themselves where possible. The work is collected into sections on Algebra, Coordinate Geometry, Binomial Expansion, Calculus, Trigonometry, Exponentials and Logarithms, Vectors and Proof, in line with the 2017 syllabus, and is suitable for use by students studying under any of the main examination boards."--Page v. AQA A Level Maths: Year 1 / AS Student Book This Student Book provides full support for AQA's new linear AS Level and for Year 1 of the full A Level. Written by a team of experienced teachers, this book supports the major changes in assessment style. Using clear and concise explanations, and abundant worked examples, it covers all the pure, mechanics and statistics content needed. Edexcel AS and a Level Modular Mathematics Statistics 1 S1 Pearson Education Ltd Includes student-friendly worked examples and solutions that lead up to practice questions, this title gives students revision advice, ideas, summaries and exam practice, with hints and tips. AQA A Level Maths: AS Level Exam Practice Workbook Oxford University Press - Children With rubric at the front, and space to write answers directly onto the page, this book provides realistic practice of the actual exam. The full mark scheme is available on this website. UK schools save 40% off the RRP! Discount will be automatically applied when you order on your school account. Edexcel A Level Mathematics Year 2 Hachette UK Help students to develop their knowledge and apply their reasoning to mathematical problems with worked examples, stimulating activities and assessment support tailored to the 2017 Edexcel specification. The content benefits from the expertise of subject specialist Keith Pledger and the support of MEI (Mathematics in Education and Industry). - Prepare students for assessment with skills-building activities, worked examples and practice questions tailored to the changed criteria. - Develop a fuller understanding of mathematical concepts with real world examples that help build connections between topics and develop mathematical modelling skills. - Cement understanding of problem-solving, proof and modelling with dedicated sections on these key areas. - Confidently teach the new statistics requirements with five dedicated statistics chapters and questions around the use of large data sets. - Cover 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. A-Level Mathematics Exam Board: Edexcel A Level Maths for OCR C3 Nelson Thornes 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. Edexcel A-Level Mathematics Student Book Year 2 Collins Exam Board: Edexcel Level & Subject: A-level Maths First teaching: September 2017 First exams: June 2018 Covering all the material needed for Year 2 of the 2017 Edexcel specification, this Student Book combines comprehensive and supportive explanations with plenty of practice to prepare students for the new linear examinations. Written by expert authors, this Student Book will: * cover all the pure, statistics and mechanics content for Year 2 of A-level in one handy volume * prepare you for linear assessment with chapter links and exam-style practice questions that draw on different areas of mathematics to help build synoptic understanding * help you take control of your learning with prior knowledge checks to assess readiness and end-of-chapter summaries that test understanding * support you through the course with detailed explanations, clear worked examples and plenty of practice on each topic with full workings shown for each answer * build your confidence in the key A-level skills of problem-solving, modelling, communicating mathematically and working with proofs * set maths in the real-world contexts that emphasise practical applications and develop your skills using technology in maths. A Level Mathematics for OCR A Student Book 2 (Year 2) Cambridge University Press 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 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 Mathematics for AQA Decision Maths 1 The Complete Course for AQA Coordination Group Publication AS/A Level Maths for AQA - Decision Maths 1: Student Book Edexcel AS and A Level Mathematics Pure Mathematics Year 2 Practice Workbook My Revision Notes: Edexcel A Level Maths (Applied) Hachette UK Exam board: Edexcel Level: A-level Subject: Mathematics First teaching: September 2017 First exams: Summer 2018 Target success in Edexcel A Level Mathematics with this proven formula for effective, structured revision; key content coverage and plentiful worked examples are combined with exam-style and multiple choice questions to create a revision guide that students can rely on to review, strengthen and test their knowledge. - Help develop the key skills needed for success with skills-focused questions around problem-solving, proof, modelling and the use of ICT (spreadsheets, graphing software and graphing calculators). - Strategically target revision with diagnostic questions to establish which areas need focus. - Get assessment-ready with exam-style questions and advice on common examination pitfalls. - Embed knowledge and identify weaknesses with hundreds of multiple choice 'Test Yourself' questions, all carefully written to elicit misconceptions; full worked solutions online offer detailed, instructive explanations for all choices (whether they are correct or incorrect) - Consolidate revision with summaries for each topic that focus on what to concentrate on in the build-up to exams, with special focus on common pitfalls such as how to show correct workings. -Access answers at the back of the book, with detailed step-by-step worked solutions for ALL questions available for free online. Includes all Year 1 and Year 2 A-level Maths content. Maths Skills for a Level Business Studies Suitable for all awarding bodies, this practical handbook clearly addresses the mathematical elements of the A Level Business Specifications. Within each topic, double-page spreads cover the mathematical skills your students will need to practise to fully understand that topic. AS/a Level Maths for Edexcel - Core 1 Student Book Coordination Group Publication AS/A Level Maths for Edexcel - Core 1: Student Book My Revision Notes: Edexcel A Level Maths (Pure) STEP, MAT, TMUA: Skills for success in University Admissions Tests for Mathematics Hodder Education Stand out, showcase your ability and succeed in your university admissions test. Whether you're taking STEP, MAT or TMUA, this essential guide reveals tried-and-tested strategies for building the problem-solving skills you need to secure a high score. Containing expert advice and worked examples, followed by multiple-choice and extended questions that replicate the exams, this guide is designed to improve your understanding of the admissions tests and help to build the skills universities are looking for. - Learn to think like a university student - detailed guidance, thought-provoking questions and worked solutions show you how to advance your mathematical thinking - Improve your mathematical reasoning - practise the problem-solving skills you need with 'Try it out' activities throughout the book and end-of-chapter exercises to track progress - Build a path through every problem - our authors guide you through each type of problem so that you can approach questions confidently, think on the spot and apply your knowledge to new contexts - Maximise marks and make the most of the time you have - at the end of each chapter, our authors give advice on how to tackle questions in the most time-efficient way and help you to figure out which ones will show off your ability What are the STEP (Sixth Term Examination Paper), MAT (Mathematics Admissions Test) and TMUA (Test of Mathematics for University Admission) admissions tests? These admissions tests are used by universities as part of the application process to test problem-solving skills and identify candidates with the highest ability, motivation and ingenuity. MEI (Mathematics in Education and Industry) endorses this book and provided two of the authors. MEI is a charity and works to improve maths education, offering a range of support for teachers, including expertly written resources. OUR AUTHORS David Bedford has a PhD in Combinatorics and has been a mathematics lecturer in UK universities for over 30 years. He is also an A level examiner and has extensive experience in preparing students for mathematics admissions tests. David is the author of the Hodder 'MEI Further Mathematics: Extra Pure Maths' textbook. Phil Chaffé is the Advanced Maths Support Programme 16-19 Student Support and Problem Solving Professional Development Lead. He is the creator and lead writer for the Problem Solving Matters course which is designed to prepare students for mathematics admissions tests and is run in partnership with the Universities of Oxford, Warwick, Durham, Manchester, Bristol and Imperial College London. He is also the course designer for Imperial College's A* in A Level Mathematics course. He is also the MEI University Sector Lead. Tim Honeywill has been teaching at King Henry VIII School, Coventry, since 2008. Before that, he was the Coventry and Warwickshire Centre Manager for the Further Mathematics Network (now the AMSP), based at the University of Warwick where he did his PhD. He leads a ten-week Problem Solving course for Year 12 students and is a presenter on both the Problem Solving Matters course and on a STEP support course for Year 13 students. Richard Lissaman has a PhD in Ring Theory, a branch of abstract algebra. He has over 10 years' experience as a mathematics lecturer in UK universities and 20 years' experience of supporting students with A level Mathematics, Further Mathematics and mathematics admissions tests. Edexcel AS and A Level Mathematics Statistics and Mechanics Year 1/AS Practice Workbook A level Maths and Further Maths 2017 Our A Level Mathematics Statistics and Mechanics Year 1 Practice Book is a brand-new addition to the market leading and most-trusted resources for Pearson Edexcel AS and A level Mathematics, to help you get exam-ready. Coverage: The practice workbooks cover all Pure, Statistics and Mechanics topics, reflecting the style of questions seen in the summer

2018 exams. Quantity: The most A level question practice available, with over 2000 extra questions per book. Practice at the right pace: Start with the essentials, build your skills with various practice questions to make connections between topics, then apply this to exam-style questions at the end of each chapter. Get exam-ready with confidence: Differentiated questions including 'Bronze, Silver, Gold' in each chapter, and a mixed problem-solving section for each book, will guide and help you to develop the skills you need for your exams. Designed to be used flexibly, the practice books are fully mapped to the scheme of work and textbooks so you can use them seamlessly in and out of the classroom and all year round. Use them lesson by lesson, topic by topic, for homework, revision and more - the choice is yours. Great value practice materials that are cheaper than photocopying, saves more time than independently sourcing questions and answers, and are all in one place. AS and A Level Mathematics Mechanics Collins This book provides in-depth coverage of Mechanics for Cambridge International AS and A Level Mathematics 9709, for examination from 2020 onwards. With a clear focus on mathematics in life and work, this text builds the key mathematical skills and knowledge that will open up a wide range of careers and further study. Exam Board: Cambridge Assessment International Education First teaching: 2018 First exams: 2020 This student book is part of a series of nine books covering the complete syllabus for Cambridge International AS and A Level Mathematics (9709) and Further Mathematics (9231), for first teaching from September 2018 and first examination from 2020. We are working with Cambridge Assessment International Education towards endorsement of this series. Written by expert authors, this Student Book* covers the complete content of Mechanics (formerly Mechanics 1) with clear references to what you will learn at the start of each chapter, and coverage that clearly and directly matches the Cambridge syllabus* sets mathematics in real-world contexts that emphasise practical applications and career paths, with inspiring case studies and discussion activities that showcase how mathematics is relevant to different roles* develops the key A Level mathematical skills of mathematical modelling, problem-solving and communication through dedicated questions and teaching* helps you master mathematics with varied practice to develop understanding, exam-style questions to test comprehension, and selected Cambridge past paper questions to help prepare for examination* gives you control of your learning with prior knowledge checks to assess readiness and end-of-chapter summaries that test understanding* supports you through the course with detailed explanations, clear worked examples and plenty of practice on each topic with full workings shown for each answer* provides clear progression from IGCSE® Mathematics and develops confident, independent and reflective mathematicians through extension questions and group discussions* supports mathematical communication and literacy with key terms for each topic explained and supported by a comprehensive glossary. Advanced Level Mathematics Letts & Lonsdale A Level Further Mathematics for OCR A Mechanics Student Book (AS/A Level) Cambridge University Press New 2017 Cambridge A Level Maths and Further Maths resources to help students with learning and revision. Written for the OCR AS/A Level Further Mathematics specification for first teaching from 2017, this print Student Book covers the Mechanics content for AS and 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.