

Question	Answer	Mark	Comments
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6(a)	2.5×12 or 30 and 7.5×7 or 52.5 and $12.5 (\times 1)$ or 95	M1	allow one incorrect midpoint or $[2, 3] \times 12$ and $[7, 8] \times 7$ and $[12, 13] (\times 1)$ ignore $t \geq 15$ row
	$\frac{\text{their } 30 + \text{their } 52.5 + \text{their } 12.5}{12 + 7 + 1}$ or $95 + 20$	M1dep	$t \geq 15$ product must be 0 if seen condone bracket error seen eg $30 + 52.5 + 12.5 + 20$
	4.75	A1	accept 4.8 or 5 if full working shown using correct midpoints
	Additional Guidance		
	Two correct from 30, 52.5 and 12.5 implies the first mark and could be used to score up to M2		M1
	Midpoints used in the ranges [2, 3], [7, 8] and [12, 13] must be seen eg 2.5×12 and 7×7 and $12 (\times 1)$ or 3×12 and 7×7 and $13 (\times 1)$ NB These could be used to score up to M2		M1
	Correct products seen in the table but a different method shown in the working lines eg $20 + 4 = 5$		M0

6(b)	Lower than part (a)	B1	
	Additional Guidance		

Gcse Maths Exam Papers 22

Maria Goulding



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GCSE Maths Edexcel Student Book - Higher ,2021-10-08 This superb CGP in depth Student Book covers everything you need to succeed in Edexcel 9 1 GCSE Maths It s packed with detailed accessible notes backed up with fully worked examples Practice questions and exam style questions are included throughout complete with worked solutions Each section is rounded off with a review exercise perfect for recapping all of the content pupils have learnt We ve even included handy references to the Edexcel specification and learning objectives so you know exactly which bits of the spec are covered by each part of the book

Key Maths Paul Hogan,Barbara Job,Diane Morley,2002 Written and developed for the Edexcel specifications by leading authors this resource provides full summaries of all key concept and skill areas Pages of exam questions with worked solutions and hints and tips are included

GCSE Intermediate Maths Janet Crawshaw,Paul Langley,1998-08 A textbook covering all the requirements for GCSE Intermediate Maths in three graded stages It also serves as a revision programme consisting of a summary and mixed exam questions at the end of each stage Included are reminders of key topics and work done at Key Stage 3 with fact sheets phased throughout Stage 1 A range of icons guide the user throughout the material indicating the topics covered key objectives definitions formulas dos and don ts and sample questions

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The Art of Uncertainty David Spiegelhalter,2025-03-04 Named a Best Book of the Year by Forbes and The Economist From our greatest living statistical communicator Tim Harford comes an invaluable data driven guide for understanding and learning to embrace risk and uncertainty in our daily lives How dangerous is our diet How much of sports falls into the realm of luck When authorities categorize a given event as highly likely how likely is that really Whether we re trying to decide if the benefits of a new medication are worth the chance of side effects or if artificial intelligence truly threatens humanity our

lives are riddled with uncertainties both everyday and existential yet it can be difficult to know how to properly weigh all those unknowns Luckily for us renowned statistician David Spiegelhalter has spent his career dissecting data to resolve the apparently random and decode the many decisions we face with imperfect information In *The Art of Uncertainty* he shows how we can become better at dealing with what we don't know to make smarter choices in a world so full of puzzling variables In lucid lively prose Spiegelhalter guides us through the principles of probability illustrating how they can help us think more analytically about everything from medical advice to sports to climate change forecasts He demonstrates how taking a mathematical approach to phenomena we might otherwise attribute to fate or luck can help us sort hidden patterns from mere coincidences better evaluate cause and effect and predict what's likely to happen in the future Along the way we learn how a misinterpretation of a probability contributed to the infamous Bay of Pigs fiasco why a ship twice the size of the Titanic sank without a trace and why we can be so confident that no two properly shuffled decks of cards have ever been in the same order Sparkling with wit and fascinating real world examples this is an essential guide to navigating uncertainty while also retaining the humility to admit what we don't or simply cannot know *GCSE Mathematics for Edexcel*

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