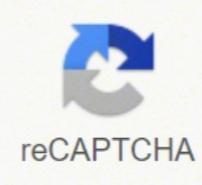
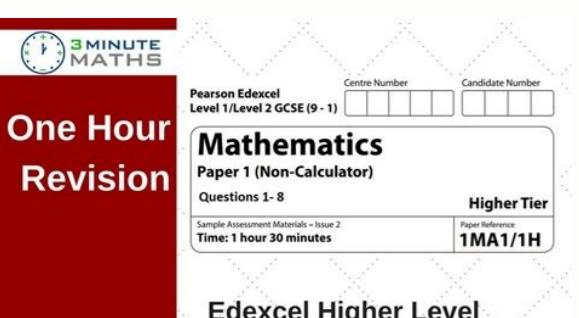


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Open



Mathematics

Paper 1 (Non-Calculator)

Higher Tier

Questions 1-8

Time: 1 hour 30 minutes

1MA1/H

Edexcel Higher Level

Question	Answer	Mark	Mark scheme	Additional guidance
15 (a)	$(a - b)(a + b)$	B1	cao	Accept reversed brackets
(b)	$12(x^2 + 1)$	M1	for using ' $a^2 = x^2 + 4$ ' and ' $b^2 = x^2 - 2$ ' OR multiplying out both brackets, at least one fully correct	Correct 4 terms if not simplified or 3 terms if simplified
		M1	(deg) for a correct expression for $(a^2 + b^2)(a^2 - b^2)$ with no additional brackets, simplified or unsimplified eg. $(x^2 + 4 + x^2 - 2)(x^2 + 4 - x^2 + 2)$ or $(2x^2 + 2) \times 6$	
		A1	OR if for a correct expression without brackets, simplified or unsimplified eg. $x^4 + 8x^2 + 16 - x^4 + 4x^2 - 4$ for $12x^2 + 12$ or $12x^2 = 12$ os	

Write your name here:

Surname _____ Other names _____

Pearson Edexcel Level 1/Level 2 GCSE (9 - 1) Centre Number _____ Candidate Number _____

Mathematics
Paper 3(Calculator)

Foundation Tier

Specimen Papers Set 1 Paper Reference 1MA1/3F

Time: 1 hour 30 minutes

You must have: Ruler graduated in centimetres and millimetres, protractor, pair of compasses, pen, HB pencil, eraser, calculator.

Surname _____ Other Names _____

Centre Number _____ Candidate Number _____

Edexcel GCSE Mathematics A

Paper 1 (Non-Calculator)
Higher Tier

Practice Paper 1 Paper Reference 1MA1/1H
Time: 1 hour 45 minutes

You must have: Ruler graduated in centimetres and millimetres, protractor, pair of compasses, pen, HB pencil, eraser. Trace paper may be used.

Instructions:

- Use black ink or ball-point pen.
- Fill in the boxes on this page with your name, centre number and candidate number.
- Answer all questions.
- Answer each question in the spaces provided.
- There may be more space than you need.
- Calculators may be used.

Information:

- The total mark for this paper is 100.
- The marks for each question are shown in brackets.
- Use this as a guide as to how much time to spend on each question.
- Quality of written communication will be assessed.

Advice:

- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Try to answer every question.
- Show your answers if you have time at the end.

Teacher: _____ Class: _____

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Bim says,
~75% of the staff take more than 20 minutes to travel to school."

(c) Is Bim correct?
Explain your answer.

Edexcel gcse maths higher past papers and answers.

Wishing you every success with your studies! It might also be useful to work through some topic questions, and here are some posts that might be useful. More will be added soon! This series of GCSE revision by grade, and past papers, will help you to be more prepared for your GCSE exam. I hope you find these useful, and please do add a comment on the post, or through the 3 minute maths YouTube channel if you need any additional support. Always pleased to help. Grade Boundaries For GCSE Maths I am using the Casio Scientific Calculator: Casio Scientific Calculator Foundation GCSE Exam Papers Higher GCSE Exam Papers Old Specification Papers (Higher Only) Even Older Papers (Higher Only) Here's a range of walkthrough GCSE maths past papers. By MY GCSE SCIENCE This guide for parents of GCSE students explains all you need to know about the Science GCSEs. Pearson Education accepts no responsibility whatsoever for the accuracy or method of working in the answers given. They might be useful to give you an idea of the types of problems you are likely to be asked. These are very useful for revision and please do: Stop the video Work through the question Compare your solution I'll be updating this page on a fairly regular basis, and please let me know if there is any particular paper I can help with. Here's some other posts that might be of interest: Summer GCSE Revision Keep Building Your Skills Summer Maths GCSE Revision Keep Building Your Skills These two posts offer short tests of GCSE questions. Here's a link to the About Me page, for further details. Although, if you need any help, please do contact.

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