

Friday 22 October 2021 – Afternoon

A Level Further Mathematics B (MEI)

Y436/01 Further Pure with Technology

Printed Answer Booklet

Time allowed: 1 hour 45 minutes

You must have:

- Question Paper Y436/01 (inside this document)
- the Formulae Booklet for Further Mathematics B (MEI)
- a computer with appropriate software
- · a scientific or graphical calculator



Please write clearly in black ink.	not write in the barcodes.
Centre number	Candidate number
First name(s)	
Last name	

INSTRUCTIONS

- Use black ink. You can use an HB pencil, but only for graphs and diagrams.
- Write your answer to each question in the space provided in the Printed Answer Booklet. You can use extra paper if you need to, but you must clearly show your candidate number, the centre number and the question numbers.
- · Answer all the questions.
- Where appropriate, your answer should be supported with working. Marks might be given for using a correct method, even if your answer is wrong.
- Give your final answers to a degree of accuracy that is appropriate to the context.

INFORMATION

This document has 12 pages.

ADVICE

· Read each question carefully before you start your answer.



1(a)	
1(b)	
1(c)	

1(d)	<i>y</i>
	3-
	-4 -3 -2 -1 0 1 2 3 4 x
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1(e)	
2(a)	

2(b)	
2(c)	<i>y</i> •
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	-4 -3 -2 -1 0 1 2 3 4 x
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2(d)	

3(a)(i)	
3(a)(ii)	
2000	
3(b)(i)	

3(b)(ii)	
3(b)(iii)	
3(b)(iv)	

3(c)(i)	
3(c)(ii)	
3(c)(iii)	

4(a)(i)	
4(a)(ii)	1.5
	0.5
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4(a)(iii)	

4(b)(i)		
4(b)(ii)		
4(b)(iii)	<i>y</i> .	<i>y</i> A , , , , , , , , , , , , , , , , , , ,
	1.2	1.2-11111111111111111111111111111111111
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	0.4-///////	0.4-111111111111111111111111111111111111
	0.2	0.2-//
		y 6/ 0.5 - 1 - 1.3 - 2 - 2.5 - 3 - x
4(b)(iv)		

4(c)(i)	
4(c)(ii)	
4()(***)	
4(c)(iii)	

4(-)(!)	
4(c)(iv)	

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