



Oxford Cambridge and RSA

Wednesday 18 June 2025 – Afternoon

A Level Further Mathematics B (MEI)

Y434/01 Numerical Methods

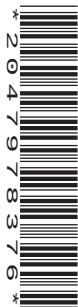
Printed Answer Booklet

Time allowed: 1 hour 15 minutes



You must have:

- Question Paper Y434/01 (inside this document)
- the Formulae Booklet for Further Mathematics B (MEI)
- a scientific or graphical calculator



Please write clearly in black ink. **Do 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**. If you need extra space use the lined page at the end of the Printed Answer Booklet. The question numbers must be clearly shown.
- 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)	
2(a)(i)	
2(a)(ii)	

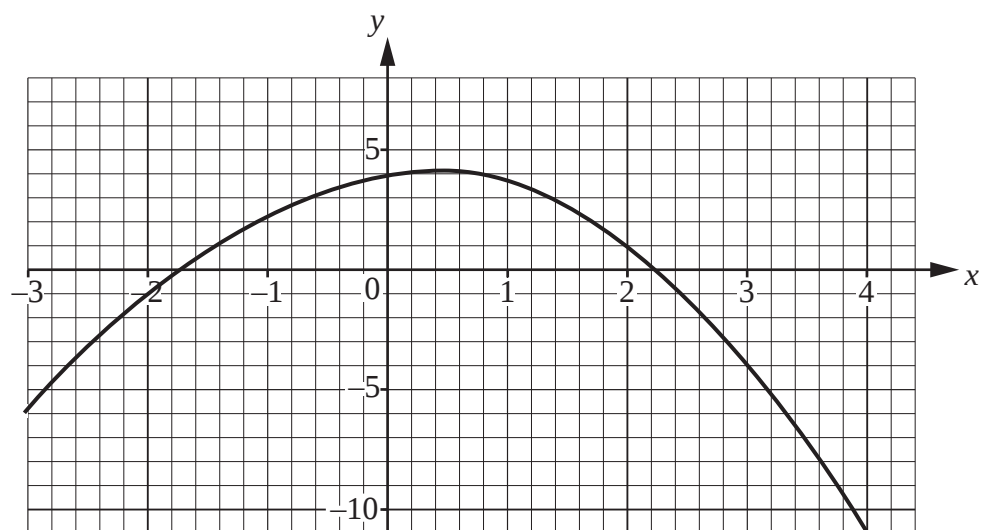
[illegible]

3(a)

n	M_n	T_n	S_{2n}
1			1.081111
2	1.074256		

3(b)

4(a)



4(b)

4(c)	
5(a)	
5(b)	
5(c)	

5(d)	
5(e)	
5(f)	
6(a)	

6(b)	
7(a)	
7(b)	
7(c)	

7(d)	
7(e)(i)	
	$x_1 =$
	$x_2 =$
	$x_3 =$
	$x_4 =$
7(e)(ii)	
7(f)	

8(a)	
8(b)	

8(c)	
	$B =$
	$C =$
8(d)	
8(e)	
8(f)	

