



Oxford Cambridge and RSA

**Friday 22 October 2021 – 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

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Candidate number

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First name(s)

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Last name

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**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 pages 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 **16** pages.

**ADVICE**

- Read each question carefully before you start your answer.

<b>1(a)(i)</b>	
<b>1(a)(ii)</b>	
<b>1(b)</b>	

**2(a)**

$x$	$f(x)$	$\Delta$	$\Delta^2$
1	-0.65		
2	-0.35		
3	1.77		
4	5.71		
5	11.47		

**2(b)****2(c)**

<b>3(a)</b>	
<b>3(b)</b>	
<b>3(c)</b>	

<b>3(d)</b>	

<b>4(a)</b>	
<b>4(b)</b>	

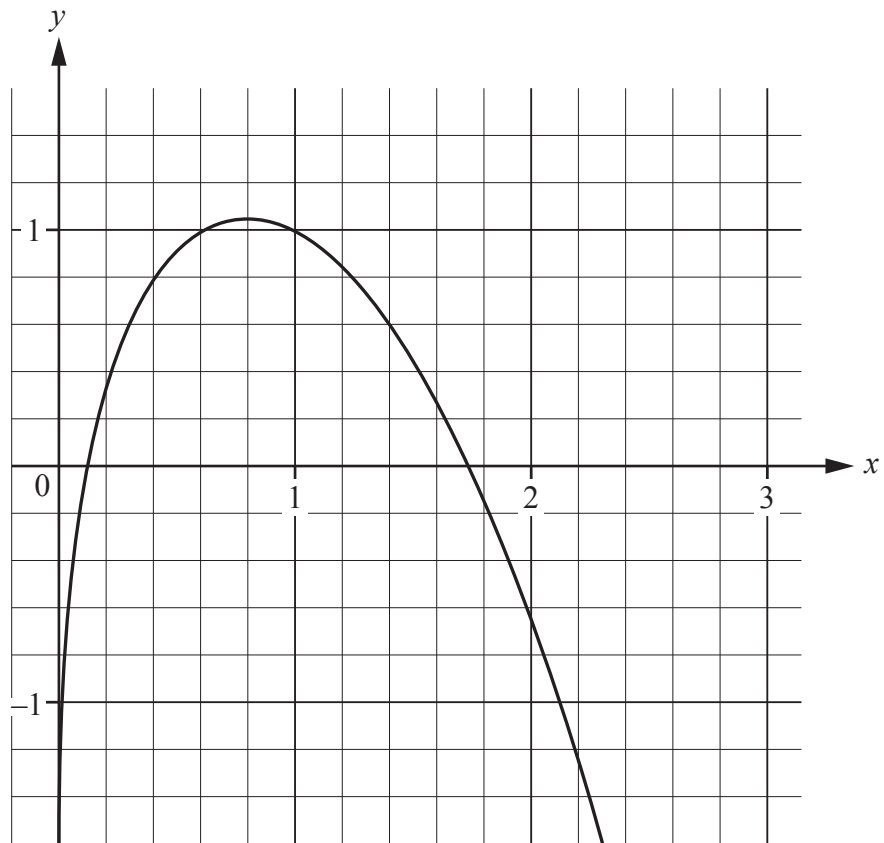
<b>5(a)</b>	
<b>5(b)</b>	
<b>5(c)</b>	

<b>5(d)</b>	
<b>5(e)</b>	
<b>5(f)</b>	





6(b)



6(c)


6(d)


**6(e)**


**6(f)**


<b>7(a)</b>	
<b>7(b)</b>	
<b>7(c)</b>	
<b>7(d)</b>	

<b>7(e)</b>	
<b>7(f)</b>	





