

Wednesday 3 June 2026 – Afternoon

A Level Mathematics A

H240/01 Pure Mathematics

Printed Answer Booklet

Time allowed: 2 hours



You must have:

- Question Paper H240/01 (inside this document)
- 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)

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 non-exact numerical answers correct to **3** significant figures unless a different degree of accuracy is specified in the question.
- The acceleration due to gravity is denoted by $g \text{ m s}^{-2}$. When a numerical value is needed use $g = 9.8$ unless a different value is specified in the question.

INFORMATION

- The total mark for this paper is **100**.
- The marks for each question are shown in brackets [].
- This document has **16** pages.

ADVICE

- Read each question carefully before you start your answer.

1(a)(i)	
1(a)(ii)	
1(b)(i)	
1(b)(ii)	

2(a)(i)	
2(a)(ii)	
2(b)	

3(a)

3(b)(i) $\vec{AB} =$ $\vec{DC} =$

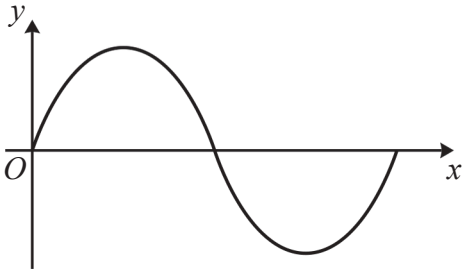
3(b)(ii)

[illegible]

[illegible]

6(a)(i)	
6(a)(ii)	
6(b)	
6(c)	

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

8(a)(i)	
8(a)(ii)	
	$a =$
$b =$	
8(b)(i)	
8(b)(ii)	

9(a)	
9(b)	
9(c)	
9(d)	
10(a)	

10(b)	
10(c)	
10(d)(i)	
10(d)(ii)	
10(e)	

11(a)	
	11(b)
(answer space continued on next page)	

11(b)	(continued)
11(c)	

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(answer space continued on next page)

[illegible]

[illegible]

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