

AS Level Further Mathematics A Y531 Pure Core

Printed Answer Booklet

Version 2

Date – Morning/Afternoon

Time allowed: 1 hour 15 minutes

You must have:

- Question Paper Y531 (inserted)
- Formulae AS Level Further Mathematics A

You may have:

- a scientific or graphical calculator



First name

Last name

Centre
number

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Candidate
number

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INSTRUCTIONS

- The Question Paper will be found inside the Printed Answer Booklet.
- Use black ink. HB pencil may be used for graphs and diagrams only.
- Complete the boxes provided on the Printed Answer Booklet with your name, centre number and candidate number.
- Answer **all** the questions.
- **Write your answer to each question in the space provided in the Printed Answer Booklet.** Additional paper may be used if necessary but you must clearly show your candidate number, centre number and question number(s).
- Do **not** write in the bar codes.
- You are permitted to use a scientific or graphical calculator in this paper.
- 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 $g \text{ m s}^{-2}$. Unless otherwise instructed, when a numerical value is needed, use $g = 9.8$.

INFORMATION

- **You are reminded of the need for clear presentation in your answers.**
- The Printed Answer Booklet consists of **12** pages. The Question Paper consists of **4** pages.

1	

2(i)	

2(ii)	

3(i)

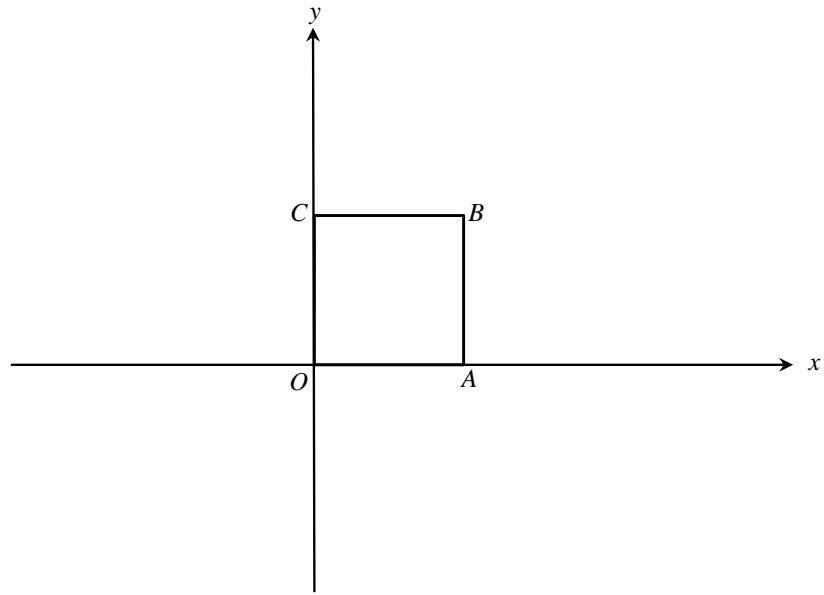
3(ii)

3(iii)

(answer space continued on next page)

3(iii) (continued)	
4	

5(i)



5(ii)

5(iii)(a)	
5(iii)(b)	

PLEASE DO NOT WRITE IN THIS SPACE

6(i)	
6(ii)	
6(iii)	

7

9(i)	
9(ii)	

9(iii)	

PLEASE DO NOT WRITE ON THIS PAGE

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