

A Level Further Mathematics B (MEI)**Y420 Core Pure**

Printed Answer Booklet

Version 2

Date – Morning/Afternoon

Time allowed: 2 hours 40 minutes

You must have:

- Question Paper Y420 (inserted)
- Formulae Further Mathematics B (MEI)

You may use:

- a scientific or graphical calculator

**First name****Last name****Centre
number****Candidate
number****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.
- Final answers should be given to a degree of accuracy appropriate to the context.

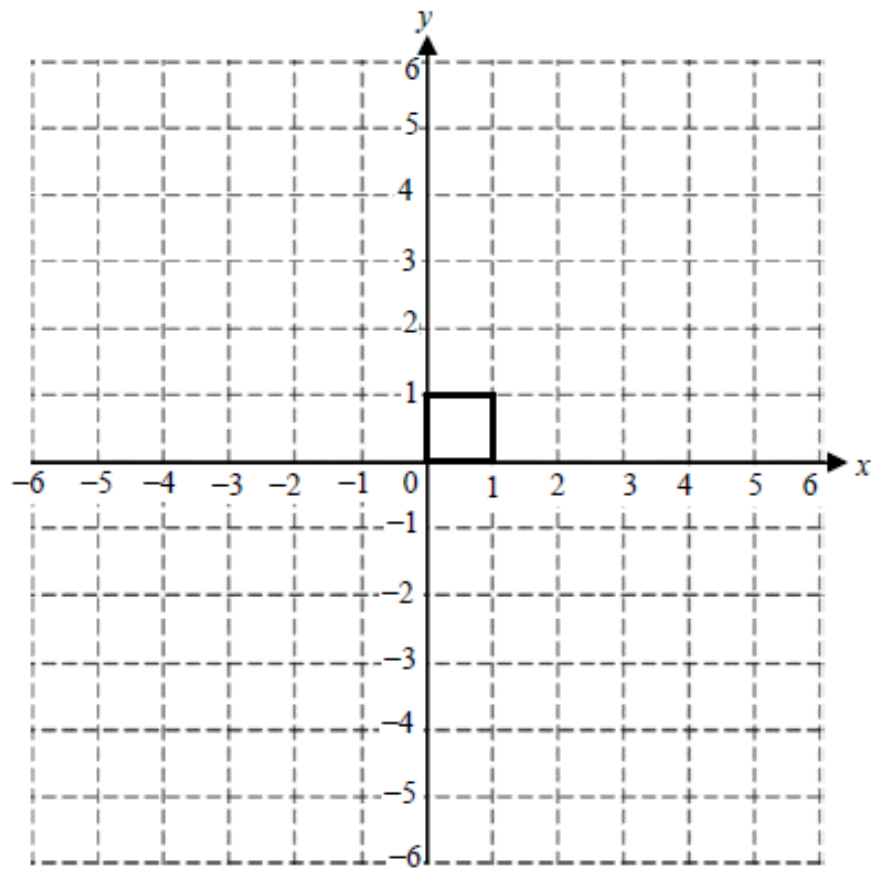
INFORMATION

- You are advised that an answer may receive **no marks** unless you show sufficient detail of the working to indicate that a correct method is used. You should communicate your method with correct reasoning.
- The Printed Answer Booklet consists of **24** pages. The Question Paper consists of **8** pages.

Section A (33 marks)

1	
	2 (i)

2 (ii)

3 (i)
(ii) (C)

A spare copy of this grid for question 3 (i) and (ii) can be found on page 22

3 (ii) (A)	
3 (ii) (B)	
4	

5(i)**5(ii)****(answer space continues on next page)**

5(ii) (continued)	
6 (i)	
6 (ii)	

Section B (111 marks)

7 (i)	
7 (ii) (A)	
7 (ii) (B)	
7 (iii)	
7 (iv) (A)	

7 (iv) (B)	
8	

9 (i)	
9 (ii)	

10 (i)

10 (ii)	
11 (i)	

DO NOT WRITE IN THIS SPACE

[illegible]

12 (i)	
12 (ii)	

[illegible]

13 (i)	
13 (ii)	

13 (iii) (A)	
13 (iii) (B)	
13 (iv)	
14 (i) (A)	

14 (i) (B)	
14 (ii)	

14 (iii)	
	14 (iv)

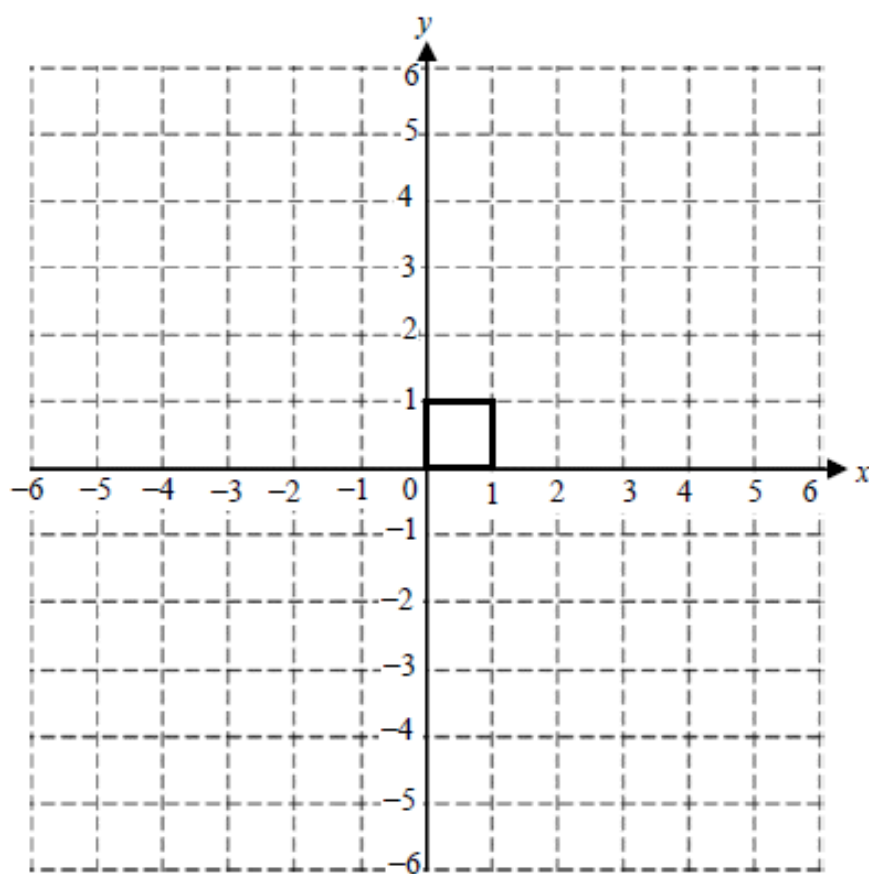
15

16 (i) (A)	
16 (i) (B)	
16 (ii) (A)	
16 (ii) (B)	

16 (iii)	
16 (iv)	

16 (v)

Spare copy of grid for question 3 (i) and (ii)



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