OCR
Oxford Cambridge and RSA

Monday 27 June 2022 – Afternoon

A Level Further Mathematics B (MEI)

Y436/01 Further Pure with Technology

Printed Answer Booklet

Time allowed: 1 hour 45 minutes

7818798327

You must have:
- Question Paper Y436/01 (inside this document)
- the Formulae Booklet for Further Mathematics B (MEI)
- a computer with appropriate software
- a scientific or graphical calculator

Y43601

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 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 **12** pages.

ADVICE
- Read each question carefully before you start your answer.

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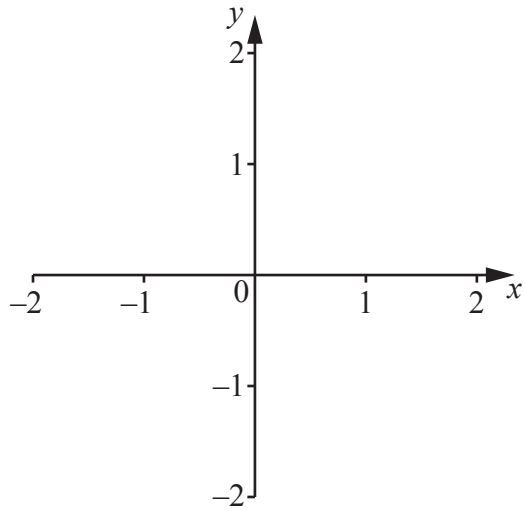
1(a)(i) $a = 0$



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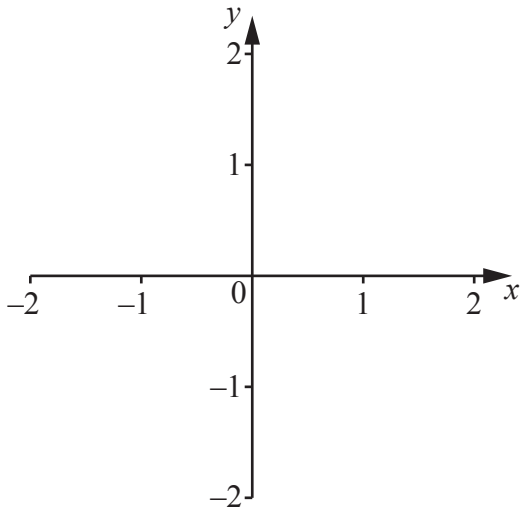
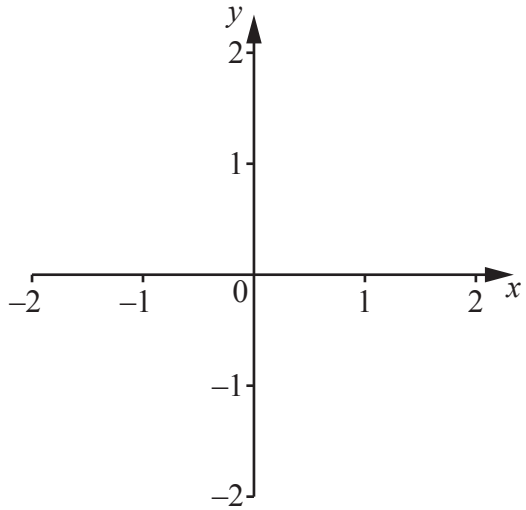


$a = 2$



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

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1(b)(ii)	
1(c)	

(answer space continued on next page)

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1(c)	(continued)

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2(a)(i)	
2(a)(ii)	
2(a)(iii)	
2(a)(iv)	
2(a)(v)	
2(a)(vi)	

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

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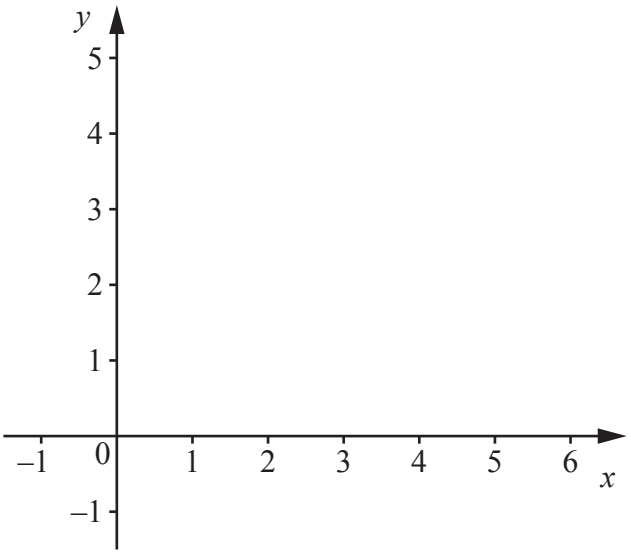
3(a)(i)



3(a)(ii)

3(a)(iii)

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3(b)(i)

3(b)(ii)

3(b)(iii)

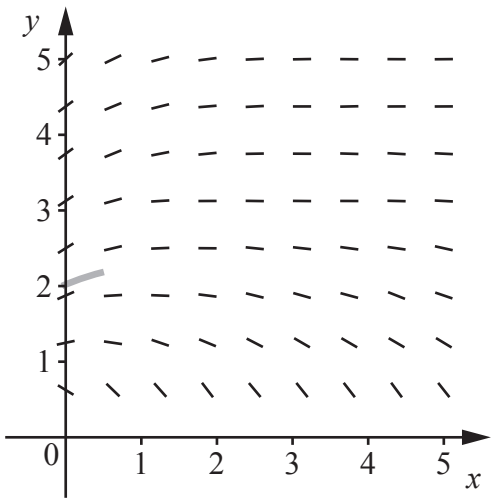

Fig. 3.1

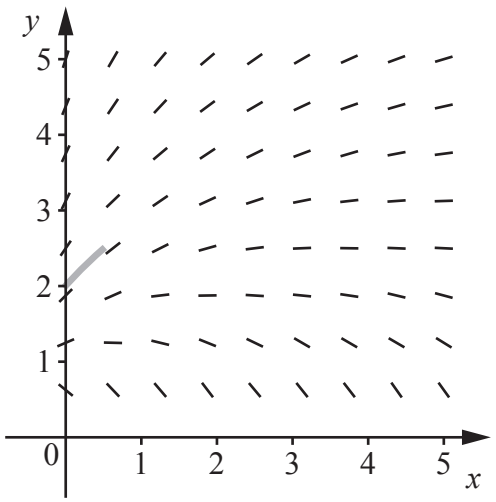

Fig. 3.2

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3(b)(iv)	
3(c)(i)	
3(c)(ii)	

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3(c)(iii)	

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ADDITIONAL ANSWER SPACE

If additional space is required, you should use the following lined page(s). The question number(s) must be clearly shown in the margin(s).

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