

Write your name here

Surname

Other names

**Pearson Edexcel**  
**International GCSE**

Centre Number

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Candidate Number

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# Further Pure Mathematics

## Paper 1

Tuesday 13 June 2017 – Morning  
**Time: 2 hours**

Paper Reference

**4PM0/01**

**Calculators may be used.**

Total Marks

### Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Without sufficient working, correct answers may be awarded no marks.
- Answer the questions in the spaces provided  
– *there may be more space than you need.*

### Information

- The total mark for this paper is 100.
- The marks for **each** question are shown in brackets  
– *use this as a guide as to how much time to spend on each question.*

### Advice

- Read each question carefully before you start to answer it.
- Check your answers if you have time at the end.

Turn over ►

P48407A

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1/1/1/



Pearson



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

**Question 1 continued**

Area for writing answers, consisting of multiple horizontal dotted lines.

**(Total for Question 1 is 5 marks)**





DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

**Question 2 continued**

Area for writing answers, consisting of multiple horizontal dotted lines.

**(Total for Question 2 is 5 marks)**





DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

**Question 3 continued**

Area for writing answers, consisting of multiple horizontal dotted lines.

**(Total for Question 3 is 6 marks)**





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DO NOT WRITE IN THIS AREA

**Question 4 continued**

A large rectangular area with horizontal dotted lines for writing.

**(Total for Question 4 is 7 marks)**





**Question 5 continued**

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DO NOT WRITE IN THIS AREA

A large rectangular area with horizontal dotted lines for writing.

**(Total for Question 5 is 8 marks)**





**Question 6 continued**

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DO NOT WRITE IN THIS AREA

A large rectangular area with horizontal dotted lines for writing, intended for the student's answer to Question 6.





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DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

**Question 6 continued**

A large rectangular area with horizontal dotted lines for writing.

**(Total for Question 6 is 11 marks)**





**Question 7 continued**

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DO NOT WRITE IN THIS AREA

A large rectangular area with horizontal dotted lines for writing.



**Question 7 continued**

Area with horizontal dotted lines for writing answers.

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DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

**Question 7 continued**

Area for writing answers, consisting of multiple horizontal dotted lines.

**(Total for Question 7 is 13 marks)**





**Question 8 continued**

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DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

A large rectangular area containing numerous horizontal dotted lines for writing answers.



**Question 8 continued**

Area for writing answers, consisting of multiple horizontal dotted lines.

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DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



**Question 8 continued**

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DO NOT WRITE IN THIS AREA

A large area of the page is filled with horizontal dotted lines, providing space for the student to write their answers to Question 8.

**(Total for Question 8 is 14 marks)**





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DO NOT WRITE IN THIS AREA

**Question 9 continued**

A large rectangular area with horizontal dotted lines for writing.





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DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

**Question 9 continued**

A large rectangular area containing numerous horizontal dotted lines for writing answers.

**(Total for Question 9 is 15 marks)**





**Question 10 continued**

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

A large rectangular area containing numerous horizontal dotted lines for writing.





**Question 10 continued**

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

A large rectangular area with horizontal dotted lines for writing.



