

Write your name here

Surname	Other names
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Edexcel Centre Number

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 Candidate Number

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International GCSE

Further Pure Mathematics

Paper 1

Thursday 17 May 2012 – Afternoon Time: 2 hours	Paper Reference 4PM0/01
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Calculators may be used.	Total Marks
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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 ►

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2 In triangle ABC , $AB = 8$ cm, $BC = 5$ cm and $CA = 7$ cm.

(a) Find, to the nearest 0.1° , the size of angle BAC .

(3)

(b) Find, to 3 significant figures, the area of triangle ABC .

(2)

Area with horizontal dotted lines for writing answers.



Question 5 continued

A large rectangular area containing 25 horizontal dotted lines for writing the answer to Question 5.

Question 6 continued

A large rectangular area containing 25 horizontal dotted lines for writing answers.

Question 7 continued

A large rectangular area containing 25 horizontal dotted lines for writing answers.



Question 7 continued

A large rectangular area containing 25 horizontal dotted lines for writing answers.

Question 8 continued

A large rectangular area with rounded corners, containing 25 horizontal dotted lines for writing.

Question 9 continued

A large rectangular area containing 25 horizontal dotted lines for writing answers.



Question 9 continued

A large rectangular area containing 25 horizontal dotted lines for writing answers.

