

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 2

Friday 23 May 2014 – Afternoon
Time: 2 hours

Paper Reference

4PM0/02**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 ►

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PEARSON

Answer all ELEVEN questions.

Write your answers in the spaces provided.

You must write down all stages in your working.

1

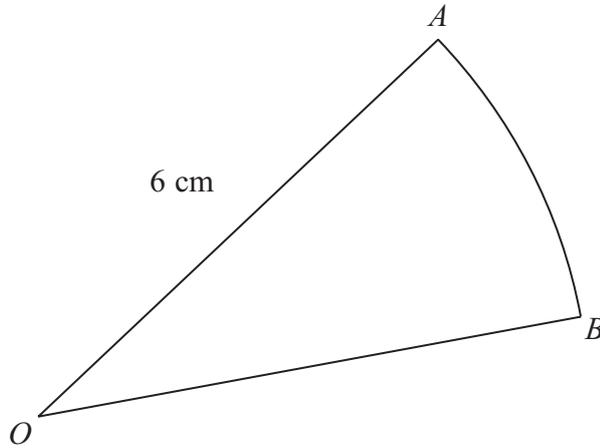


Diagram NOT accurately drawn

Figure 1

Figure 1 shows the sector OAB of a circle. The circle has centre O and radius 6 cm. The area of the sector is 12 cm^2 .

- (a) Find, in radians, the size of angle AOB . (2)

- (b) Find, in cm, the length of the arc AB . (2)

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Question 4 continued

Handwriting practice area consisting of 20 horizontal dotted lines.

(Total for Question 4 is 7 marks)



Question 6 continued

A series of horizontal dotted lines for writing.



Question 6 continued

A series of horizontal dotted lines for writing.



Question 7 continued

Handwriting practice area consisting of 25 horizontal dotted lines.



Question 7 continued

Handwriting practice area consisting of 25 horizontal dotted lines.



Question 8 continued

A series of horizontal dotted lines for writing.



Question 9 continued

A series of horizontal dotted lines for writing.



Question 10 continued

A series of horizontal dotted lines for writing.



Question 10 continued

A series of horizontal dotted lines for writing.



