

Write your name here

Surname	Other names
---------	-------------

**Pearson Edexcel**                      Centre Number                      Candidate Number

**International GCSE**

--	--	--	--	--

--	--	--	--

# Further Pure Mathematics

## Paper 1

Monday 20 January 2014 – Morning <b>Time: 2 hours</b>	Paper Reference <b>4PM0/01</b>
--	-----------------------------------

<b>Calculators may be used.</b>	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 ►

P42950A

©2014 Pearson Education Ltd.

3/6/1/

















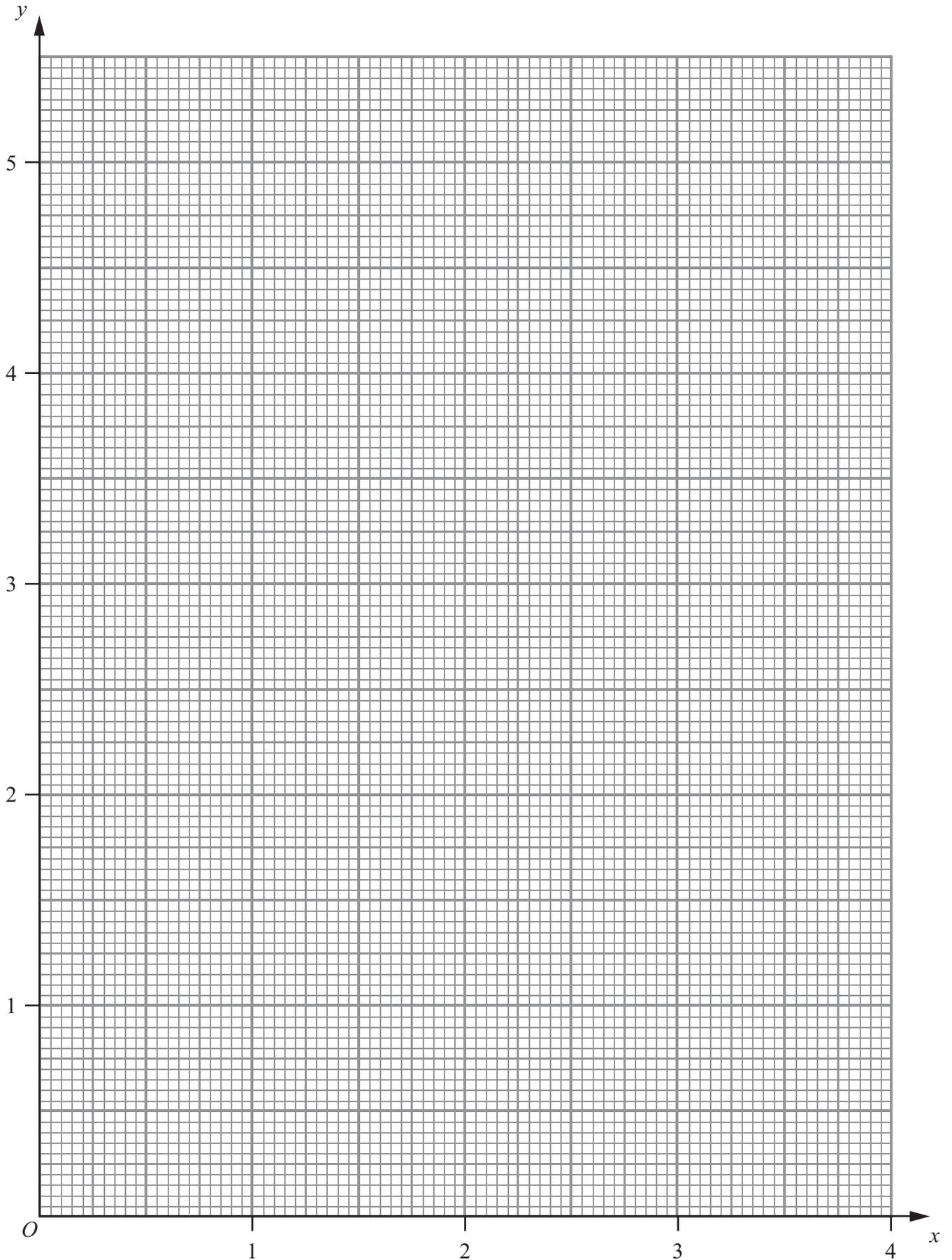








**Question 7 continued**



Use the grid on page 15 if you need to redraw your graph.



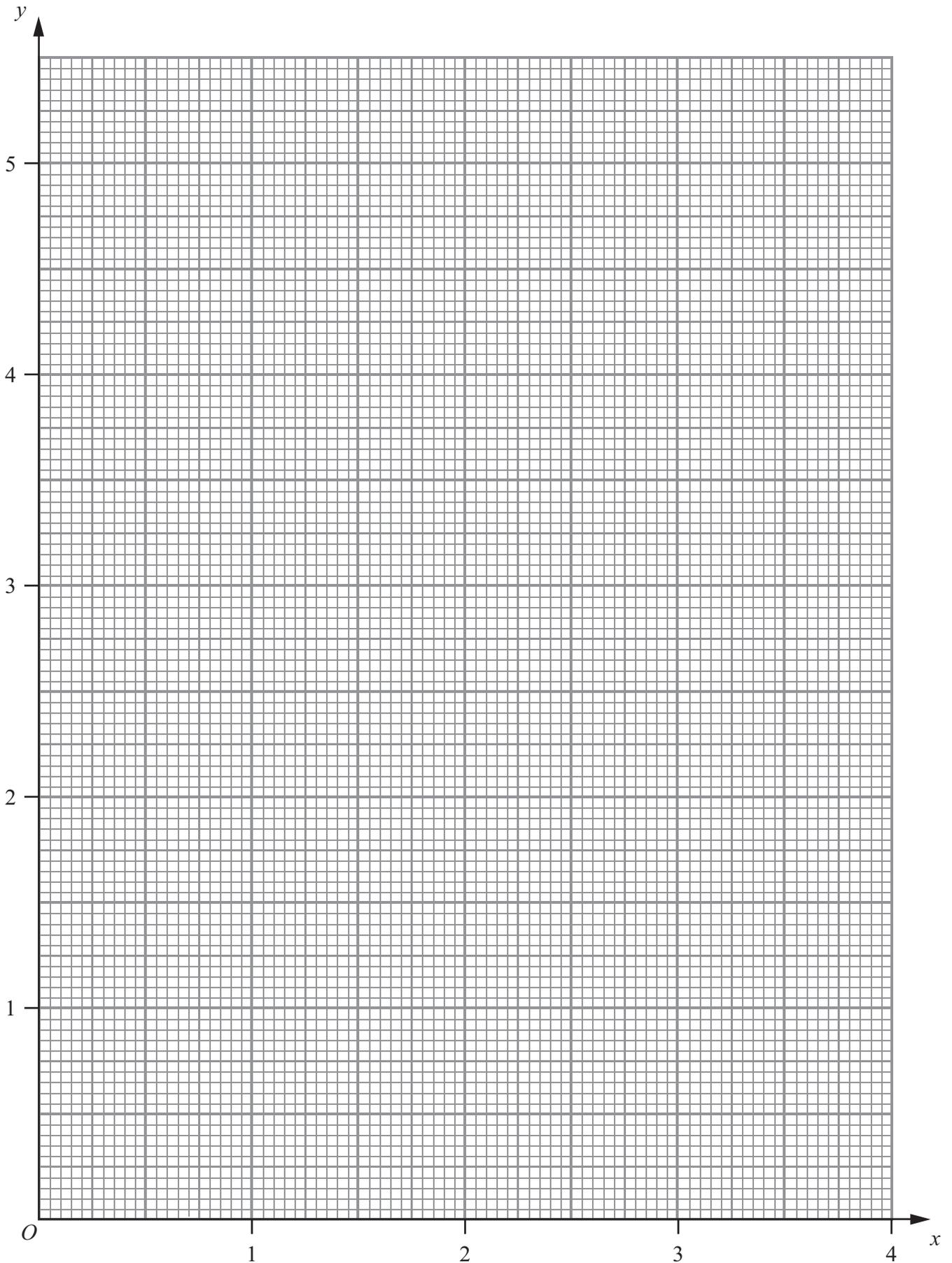
**Question 7 continued**

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



**Question 7 continued**

Use this page if you need to redraw your graph.



(Total for Question 7 is 10 marks)







**Question 8 continued**

A large rectangular area containing 25 horizontal dotted lines for writing the answer to Question 8.







**Question 9 continued**

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















**Question 11 continued**

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



