

ADVANCED SUBSIDIARY GCE MATHEMATICS (MEI)

Concepts for Advanced Mathematics (C2) INSERT for Question 12 4752

Friday 15 January 2010 Afternoon

Duration: 1 hour 30 minutes



Candidate Forename	Candidate Surname	
-----------------------	----------------------	--

Centre Number						Candidate Number					
---------------	--	--	--	--	--	------------------	--	--	--	--	--

INSTRUCTIONS TO CANDIDATES

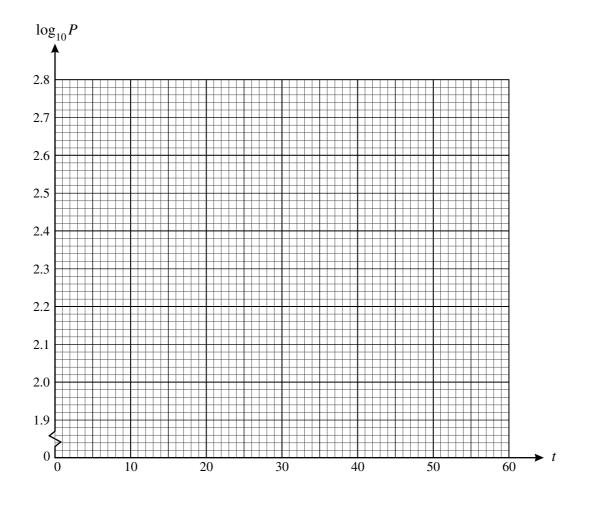
- Write your name clearly in capital letters, your Centre Number and Candidate Number in the boxes above.
- Use black ink. Pencil may be used for graphs and diagrams only.
- This insert should be used to answer Question 12 part (ii).
- Write your answers to Question 12 part (ii) in the spaces provided in this insert, and attach it to your Answer Booklet.

INFORMATION FOR CANDIDATES

• This document consists of **2** pages. Any blank pages are indicated.

12 (ii)

Year	1955	1965	1975	1985	1995	2005
t	10	20	30	40	50	60
Р	131	161	209	277	372	492
$\log_{10} P$	2.12	2.21				





Copyright Information

OCR is committed to seeking permission to reproduce all third-party content that it uses in its assessment materials. OCR has attempted to identify and contact all copyright holders whose work is used in this paper. To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced in the OCR Copyright Acknowledgements Booklet. This is produced for each series of examinations, is given to all schools that receive assessment material and is freely available to download from our public website (www.ocr.org.uk) after the live examination series.

If OCR has unwittingly failed to correctly acknowledge or clear any third-party content in this assessment material, OCR will be happy to correct its mistake at the earliest possible opportunity. For queries or further information please contact the Copyright Team, First Floor, 9 Hills Road, Cambridge CB2 1GE.

OCR is part of the Cambridge Assessment Group; Cambridge Assessment is the brand name of University of Cambridge Local Examinations Syndicate (UCLES), which is itself a department of the University of Cambridge.