

ADVANCED SUBSIDIARY GCE

MATHEMATICS (MEI)

Concepts for Advanced Mathematics (C2)

INSERT for Questions 5 and 12

4752

Tuesday 13 January 2009
Morning

Duration: 1 hour 30 minutes



Candidate Forename		Candidate Surname	
Centre Number		Candidate Number	

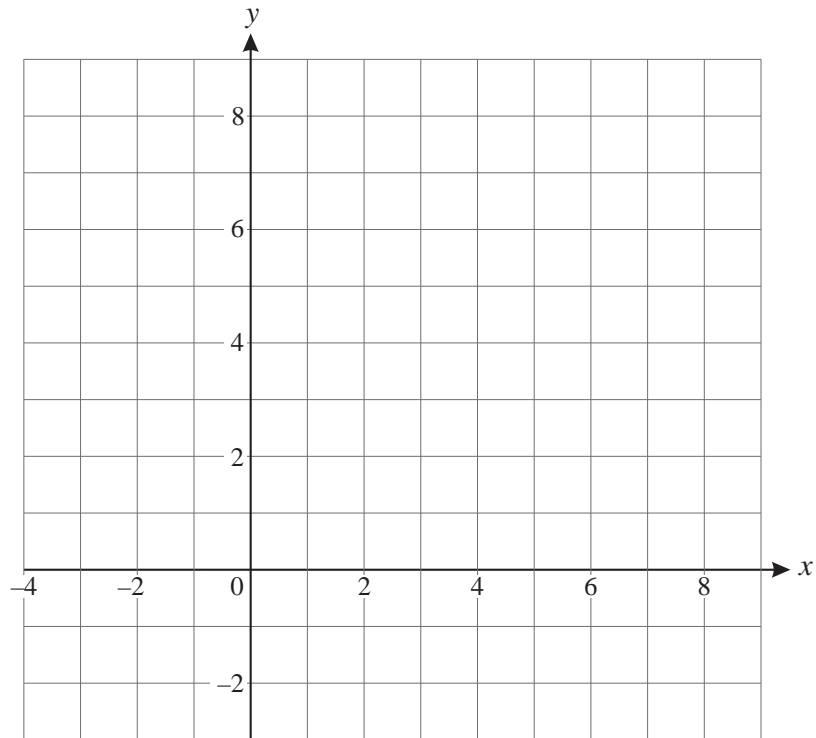
INSTRUCTIONS TO CANDIDATES

- 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 5 and Question 12 part (ii).
- Write your answers to Question 5 and Question 12 part (ii) in the spaces provided in this insert, and **attach it to your Answer Booklet**.

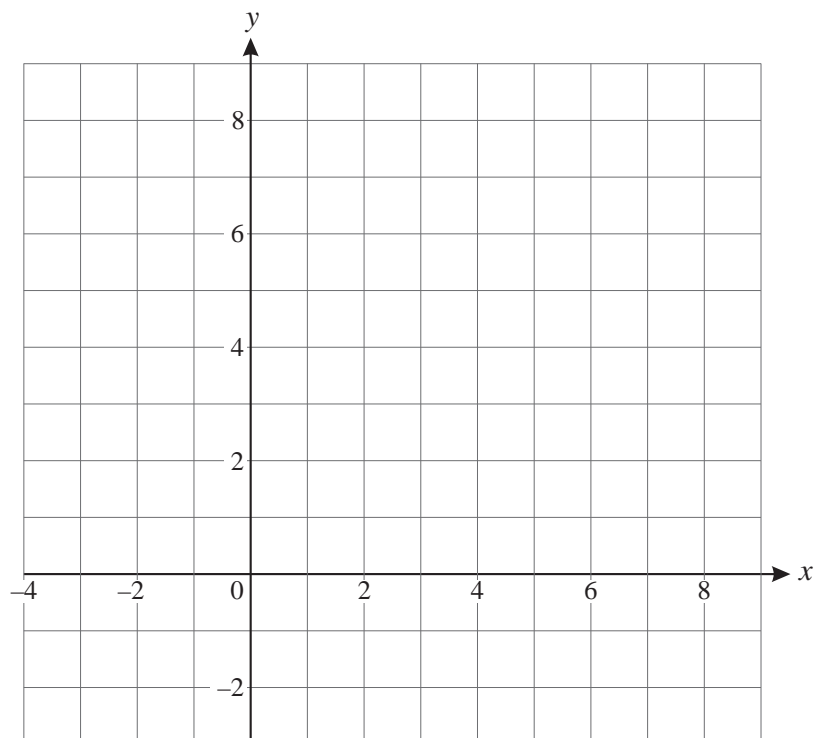
INFORMATION FOR CANDIDATES

- This document consists of 4 pages. Any blank pages are indicated.

5 (i) $y = f(x - 2)$



(ii) $y = 3f(x)$



12 (ii)

Years after proposal accepted (t)	1	2	3	4	5
Cost (£ y million)	250	300	360	440	530
$\log_{10} y$	2.398				

