	UNIVERSITY OF CAMBRIDGE IN International General Certificate of	
CANDIDATE NAME		
CENTRE NUMBER		CANDIDATE NUMBER
MATHEMATIC	 ;S	0580/02, 0581/02
Paper 2 (Extended)		October/November 2007
		1 hour 30 minutes
Candidates an	swer on the Question Paper.	
Additional Mat	erials: Electronic calculator	Geometrical instruments

Tracing paper (optional)

## **READ THESE INSTRUCTIONS FIRST**

Write your Centre number, candidate number and name on all the work you hand in. Write in dark blue or black pen.

Mathematical tables (optional)

You may use a pencil for any diagrams or graphs.

Do not use staples, paper clips, highlighters, glue or correction fluid.

Answer all questions.

If working is needed for any question it must be shown below that question.

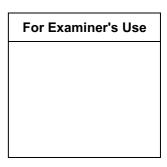
Electronic calculators should be used.

If the degree of accuracy is not specified in the question, and if the answer is not exact, give the answer to three significant figures. Give answers in degrees to one decimal place. For  $\pi$ , use either your calculator value or 3.142.

At the end of the examination, fasten all your work securely together.

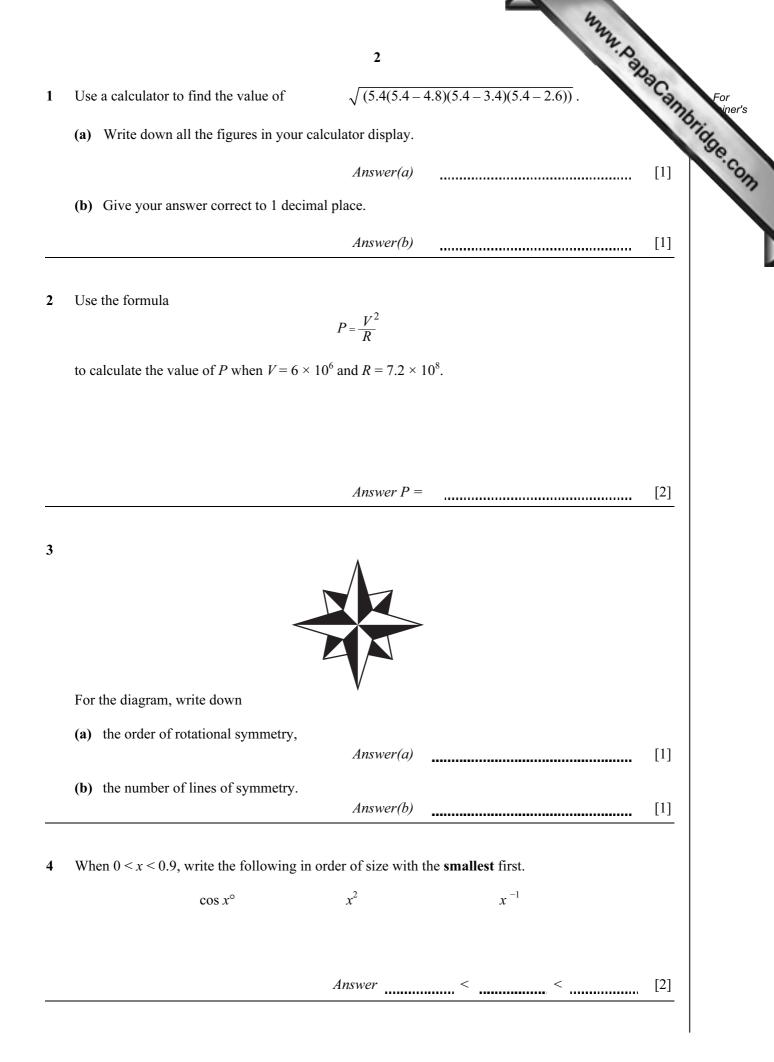
The number of marks is given in brackets [] at the end of each question or part question.

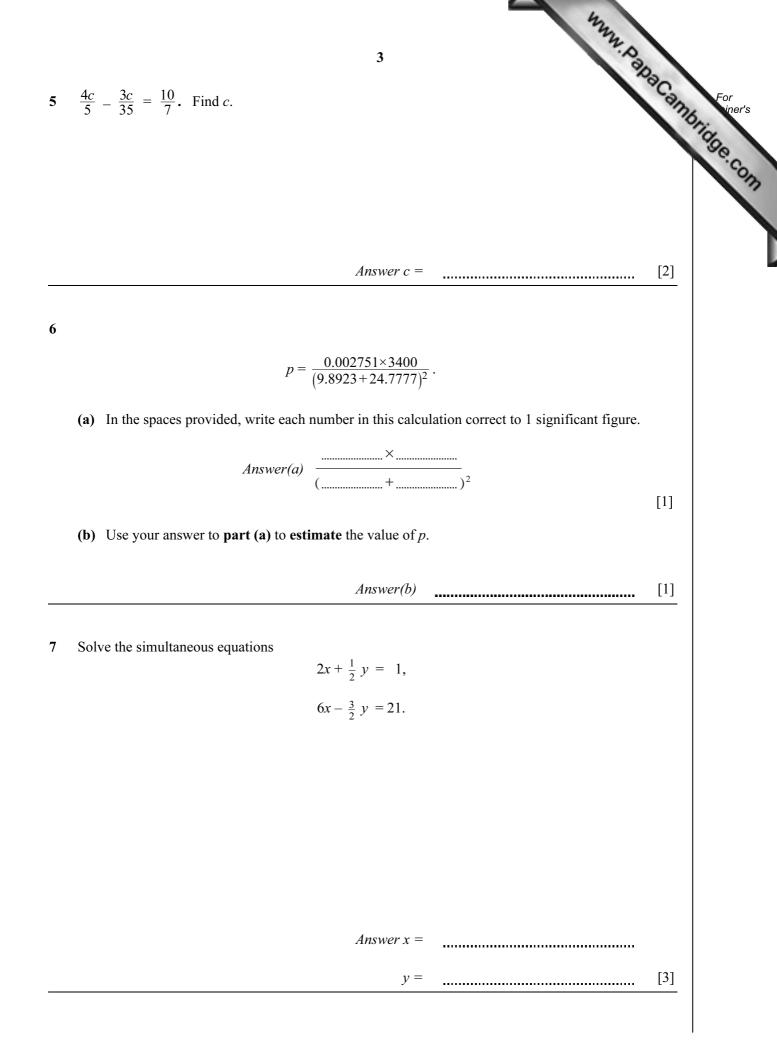
The total of the marks for this paper is 70.

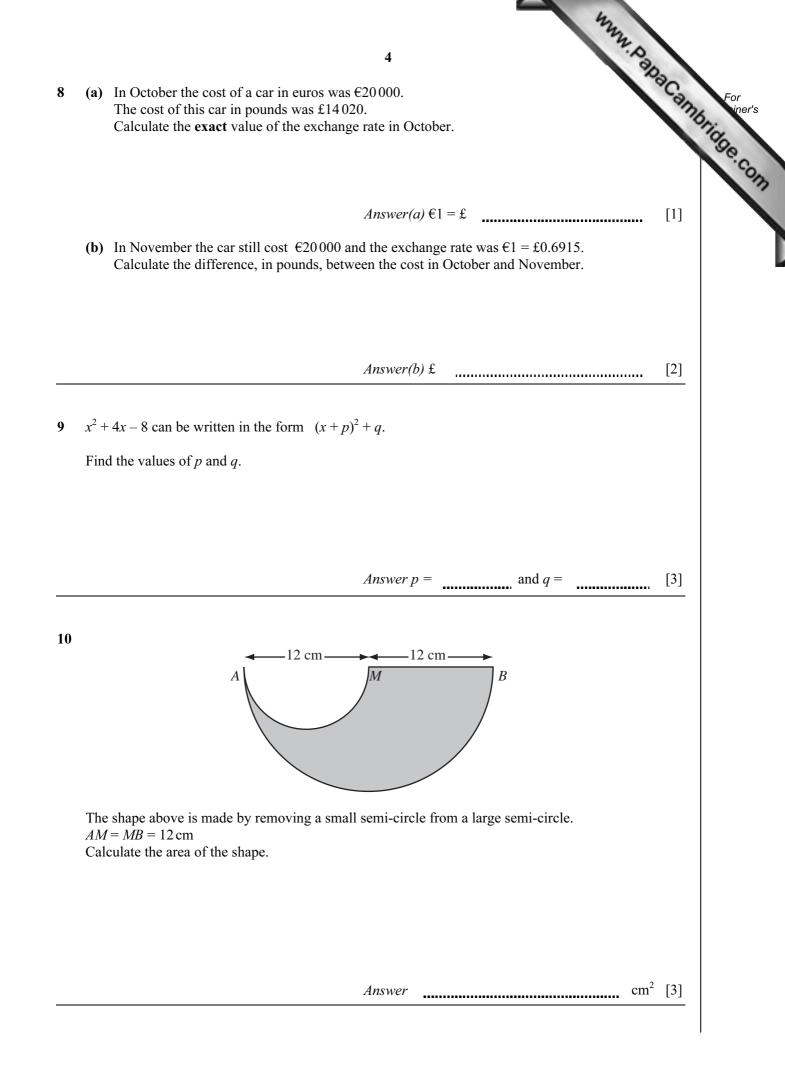


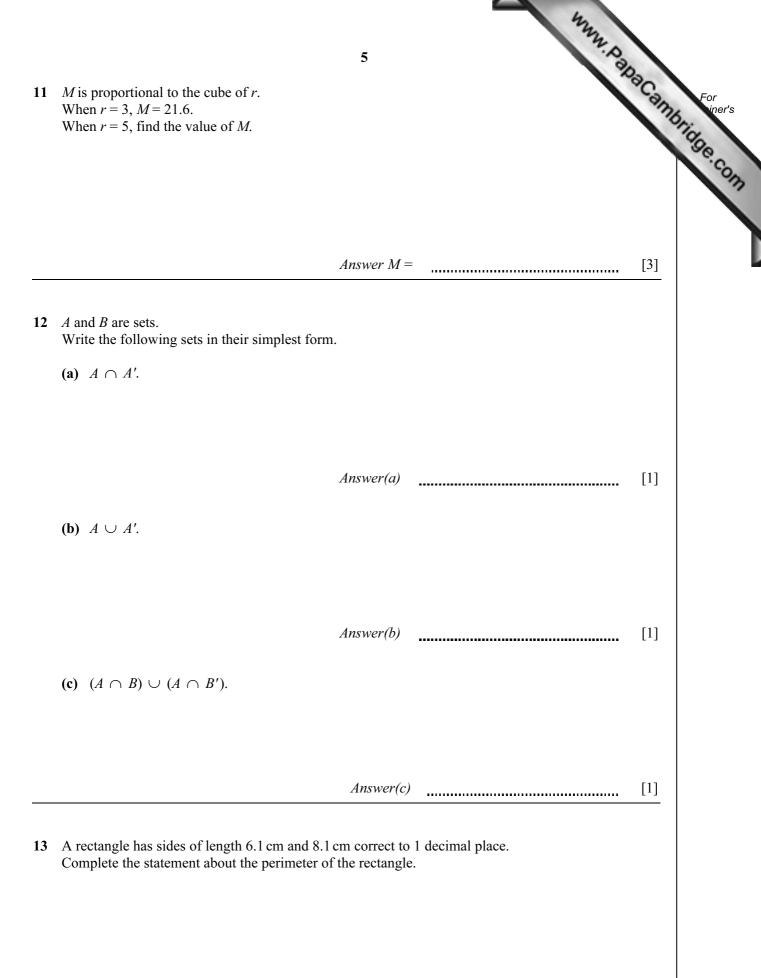
This document consists of 11 printed pages and 1 blank page.



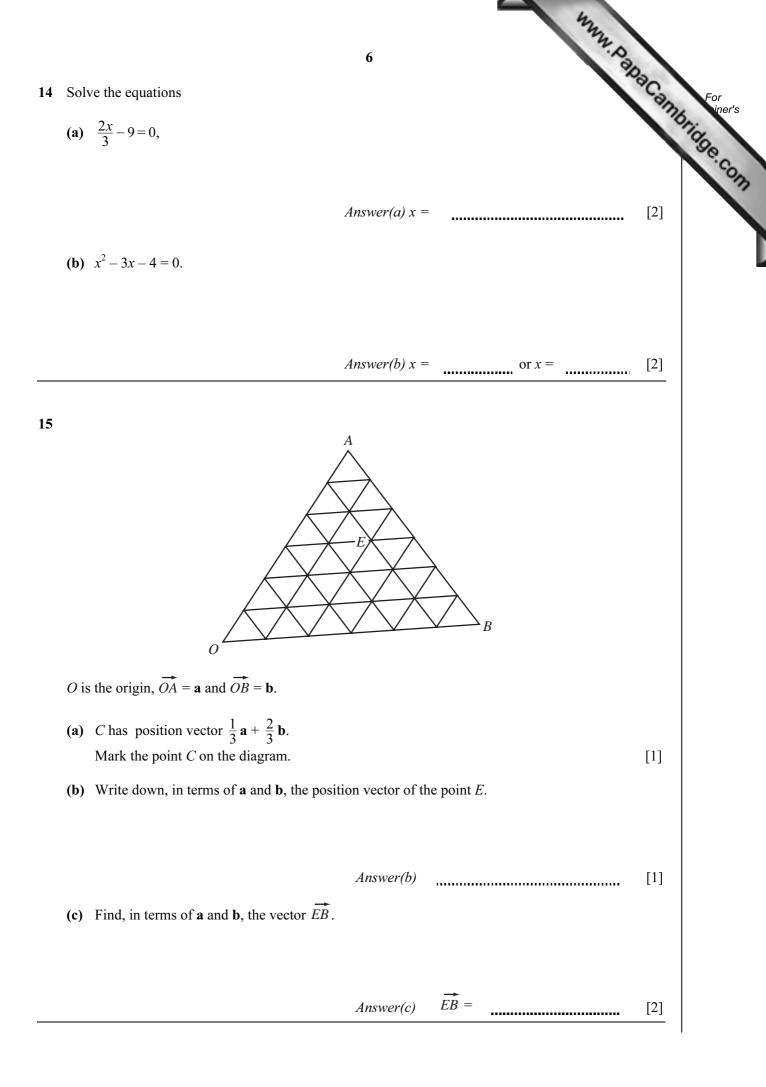


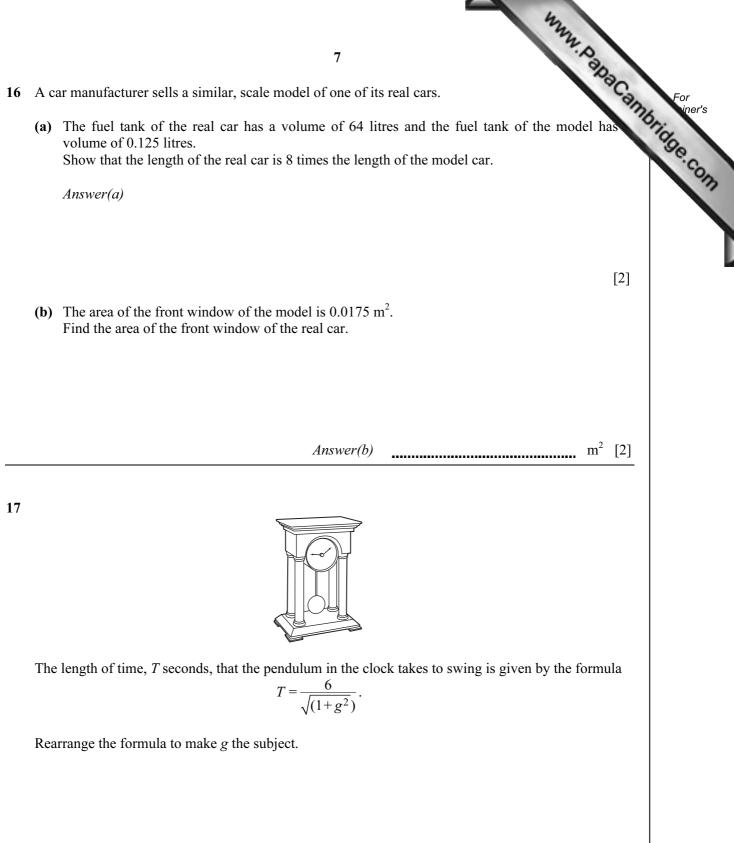






Answer  $cm \le perimeter < cm$  [3]

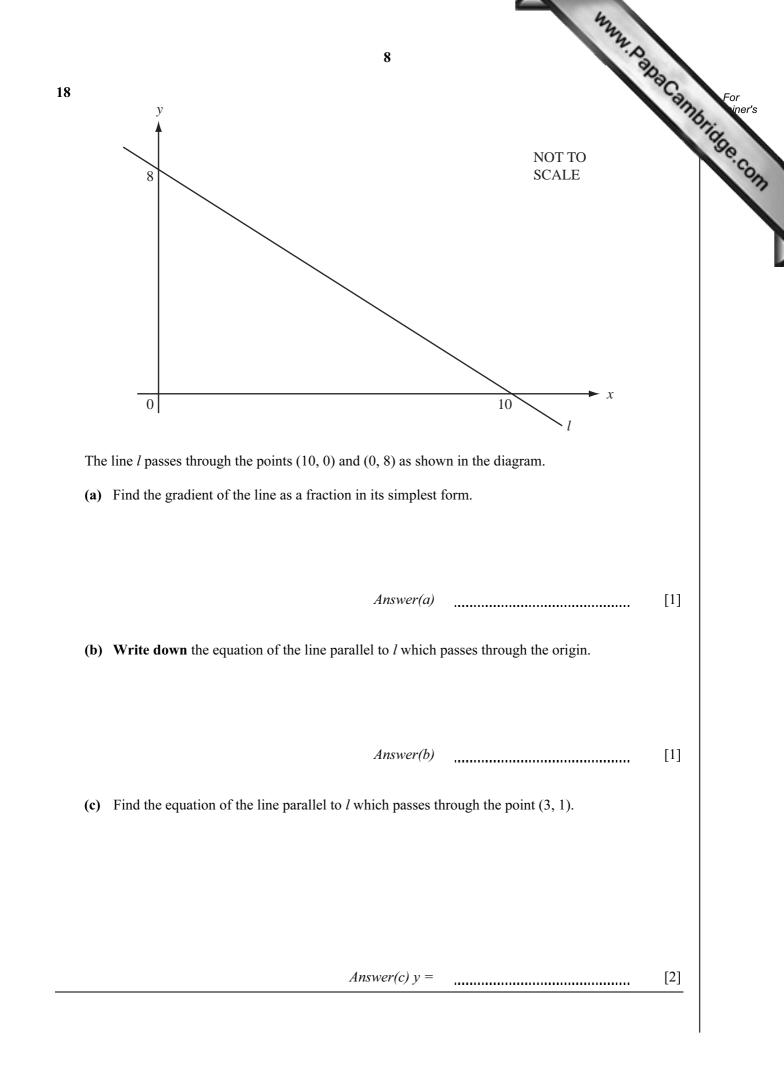


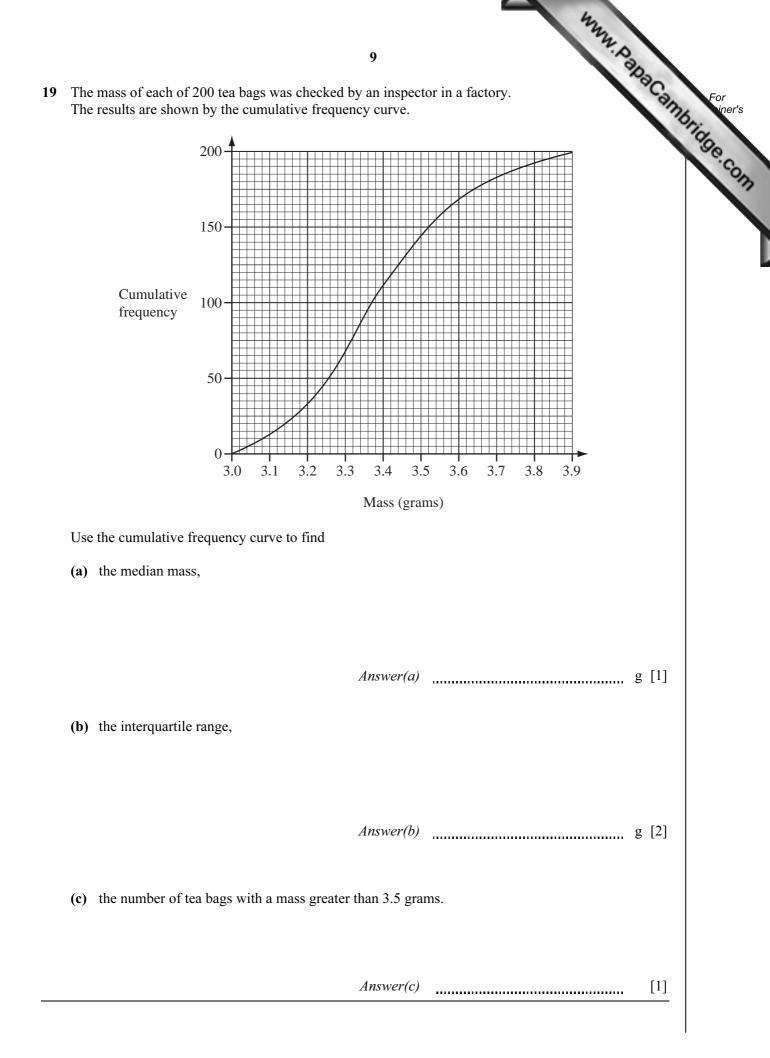


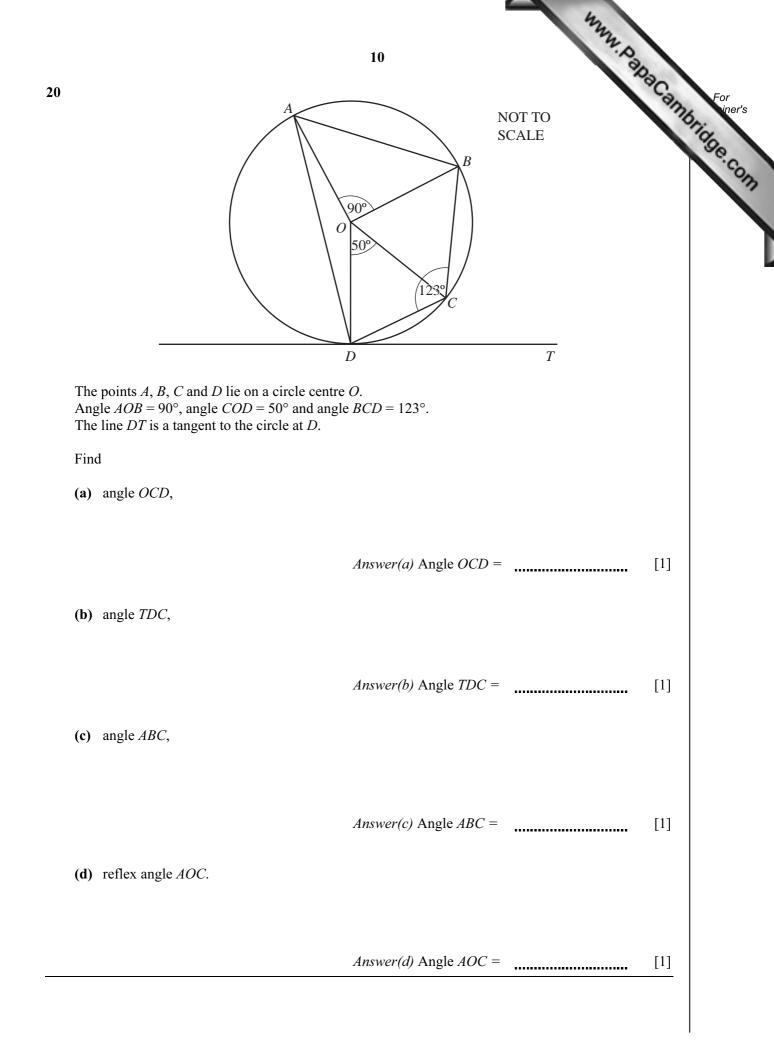
Answer g =

[4]

.....









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