		MANNA POR	Da Cambre
	UNIVERSITY OF CAMBRIDGE INTER	NATIONAL EXAMINATIONS ondary Education	Indr.
CANDIDATE NAME			
CENTRE NUMBER		CANDIDATE NUMBER	
MATHEMATICS	NATHEMATICS		0580/11
Paper 1 (Core)		October/Noven	nber 2011
Candidates answ	andidates answer on the Question Paper.		
Additional Materi	als: Electronic calculator Mathematical tables (optional)	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.

You may use a pencil for any diagrams or graphs.

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

DO NOT WRITE IN ANY BARCODES.

Answer all questions.

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

Electronic calculators should be used.

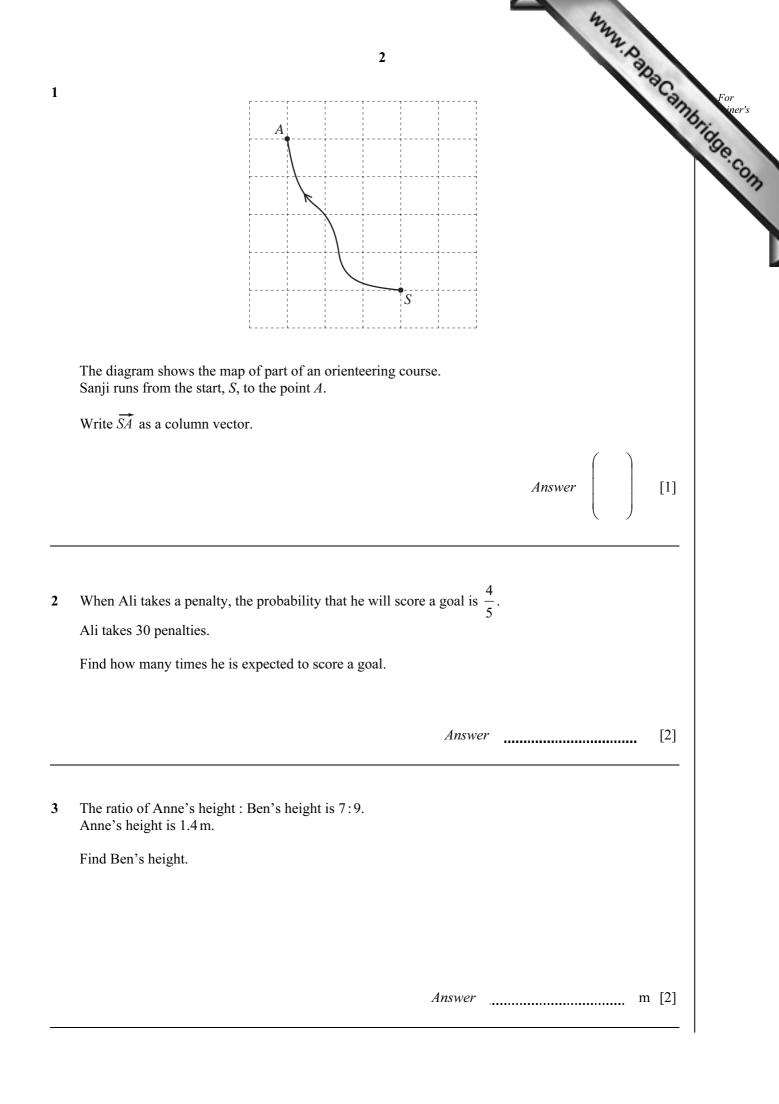
If the degree of accuracy is not specified in the question, and if the answer is not exact, give the answer to three significant figures. Give answers in degrees to one decimal place. For π , use either your calculator value or 3.142.

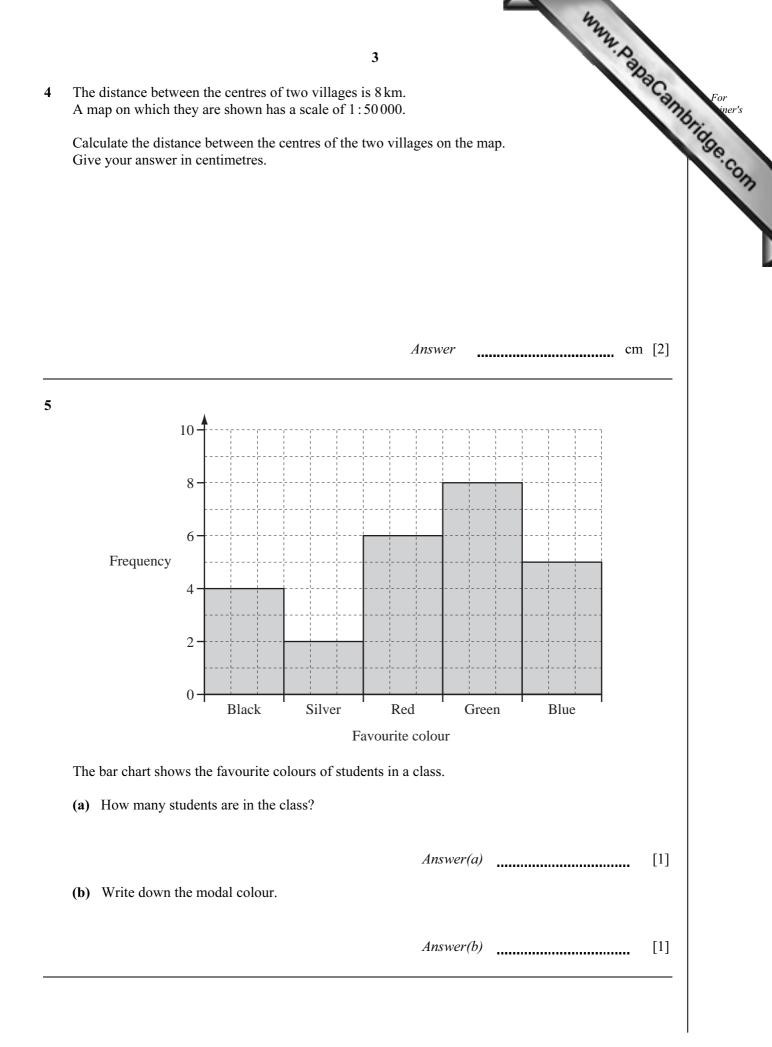
At the end of the examination, fasten all your work securely together.

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 56.

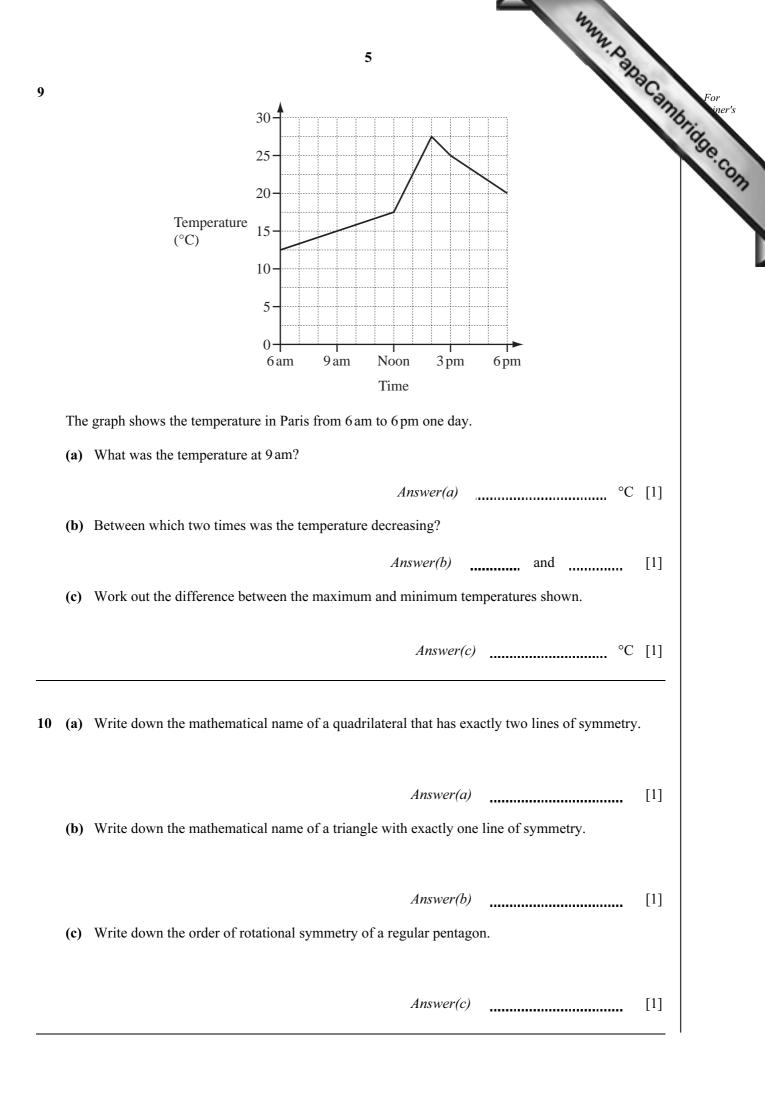
This document consists of ${\bf 11}$ printed pages and ${\bf 1}$ blank page.

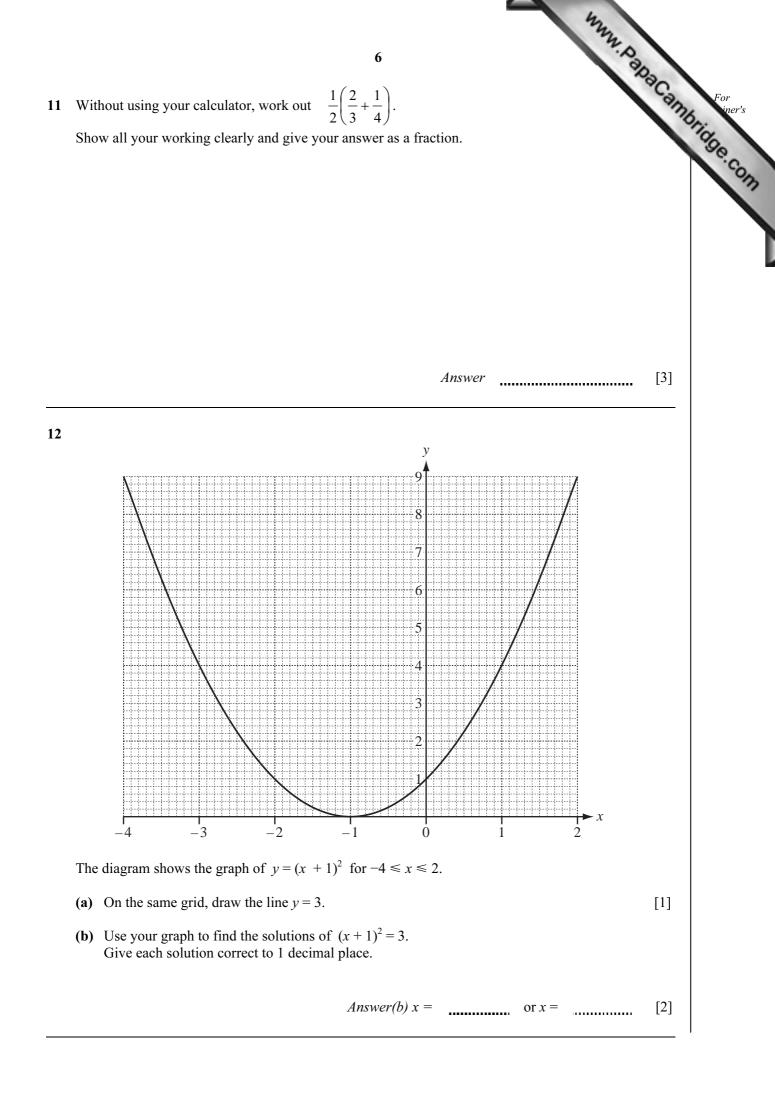


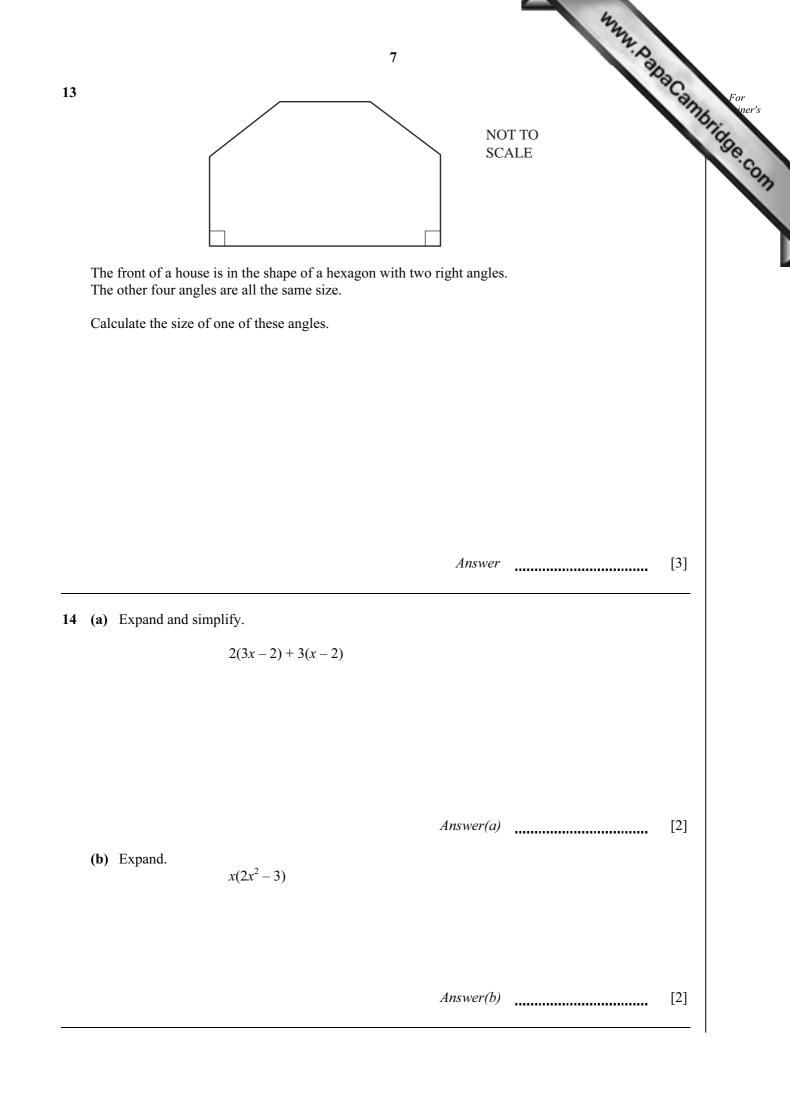


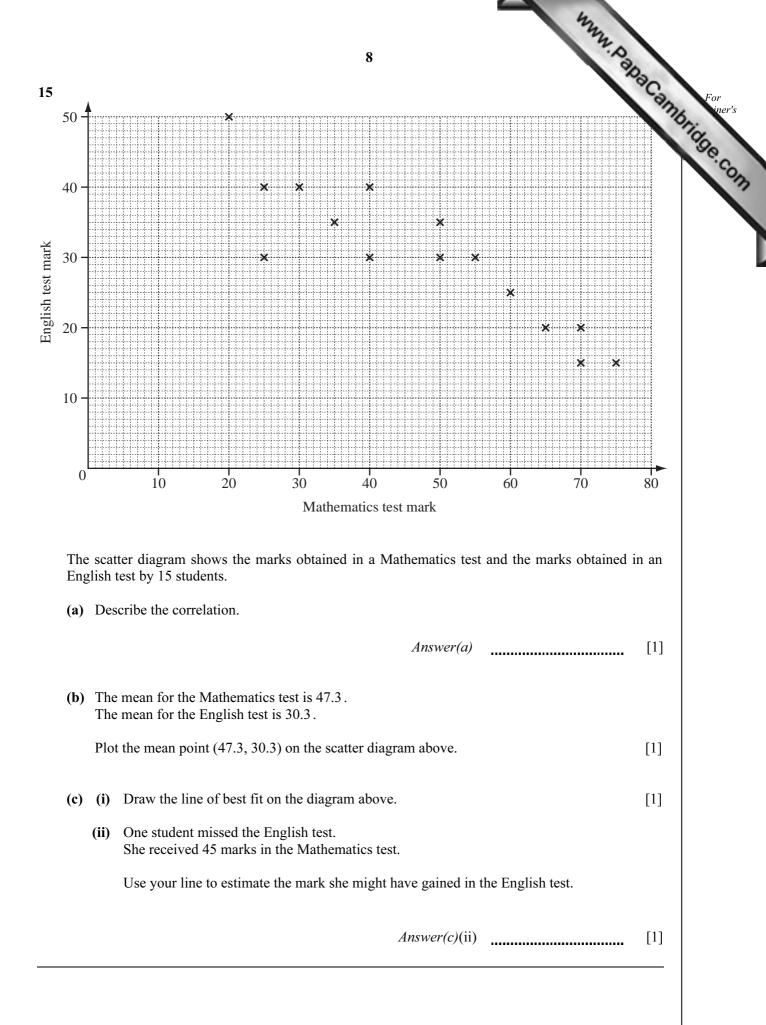


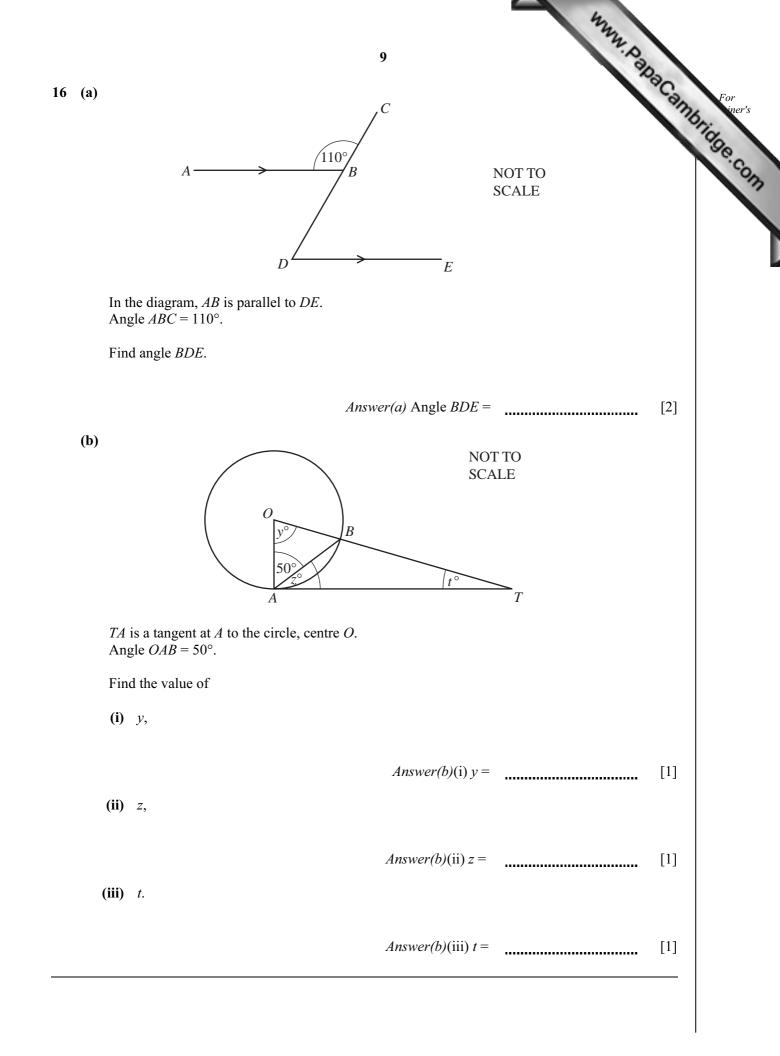
6	Use your calculator to find $\sqrt{\frac{45 \times 5.75}{3.1 + 1.5}}$.	4 Anny Papacambridge
_		Answer [2]
7	(a) Calculate 60% of 200.	
	(b) Write 0.36 as a fraction. Give your answer in its lowest terms.	Answer(a) [1]
		Answer(b) [2]
8	 A circle has a radius of 50 cm. (a) Calculate the area of the circle in cm². 	
	(b) Write your answer to part (a) in m ² .	<i>Answer(a)</i> cm ² [2]
		<i>Answer(b)</i> m ² [1]

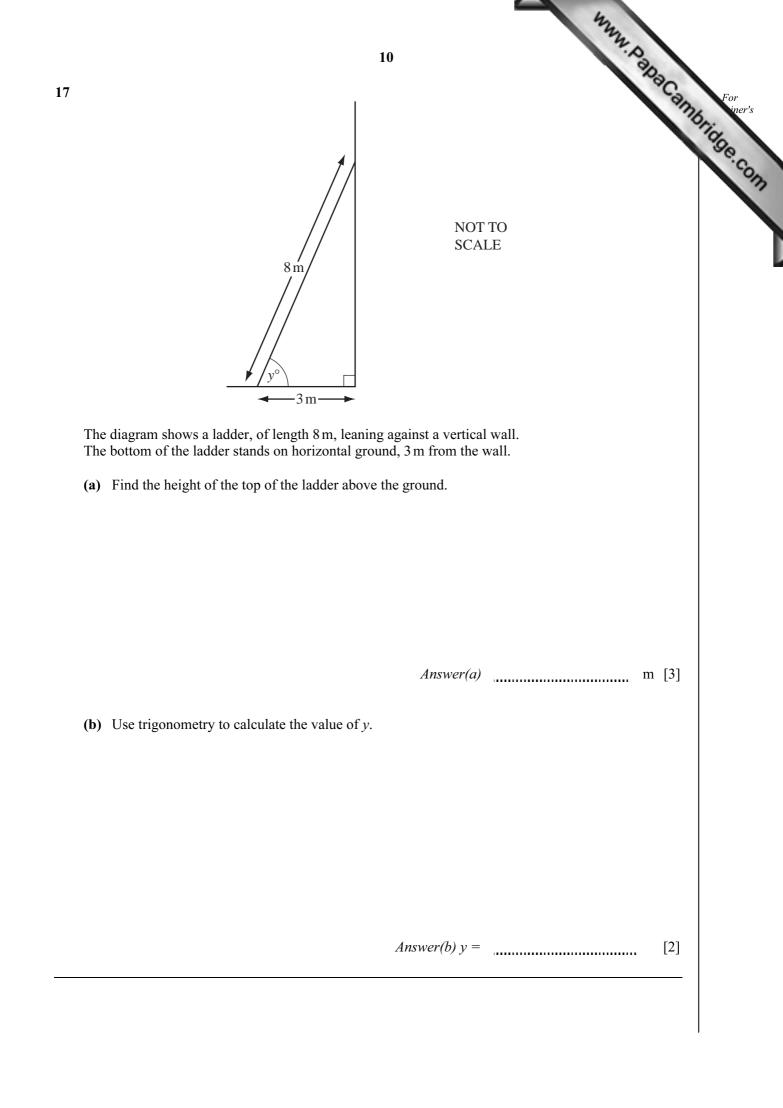


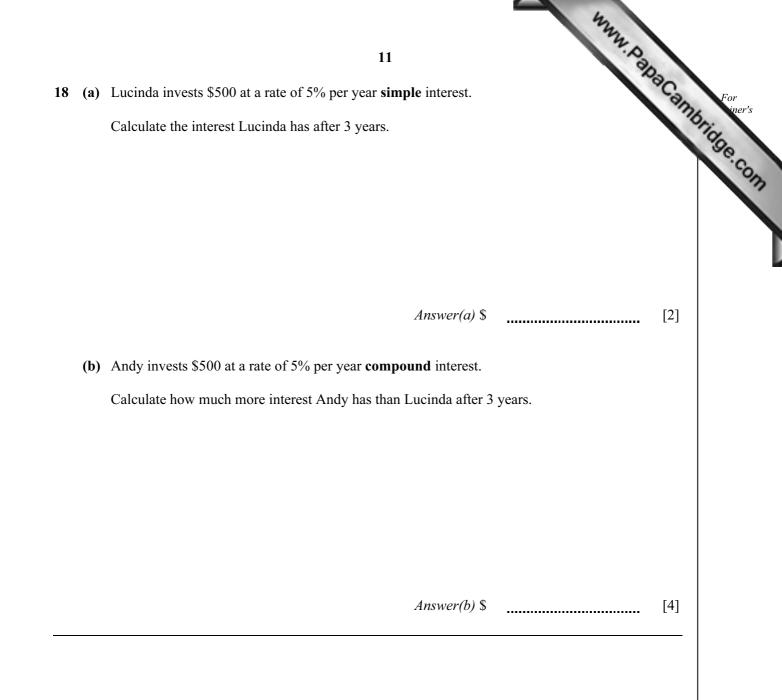














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