		MMM. DabaCam
	UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIO International General Certificate of Secondary Education	NS Cambridge.c
CANDIDATE NAME		
CENTRE NUMBER	CANDIDATE NUMBER	
CAMBRIDGE	INTERNATIONAL MATHEMATICS	0607/02
Paper 2 (Extended)		May/June 2009
		45 minutes
Candidates an	swer on the Question Paper	
Additional Mate	erials: Geometrical Instruments	

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.

9 ∞

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

You may use a pencil for any diagrams or graphs.

DO NOT WRITE IN ANY BARCODES

Answer all the questions.

CALCULATORS MUST NOT BE USED IN THIS PAPER.

All answers should be given in their simplest form.

You must show all the relevant working to gain full marks and you will be given marks for correct methods even if your answer is incorrect.

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

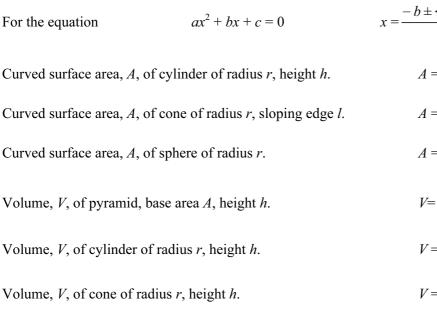
The total of the marks for this paper is 40.

For Examiner's Use		

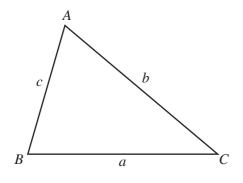
This document consists of 8 printed pages.



Formula List

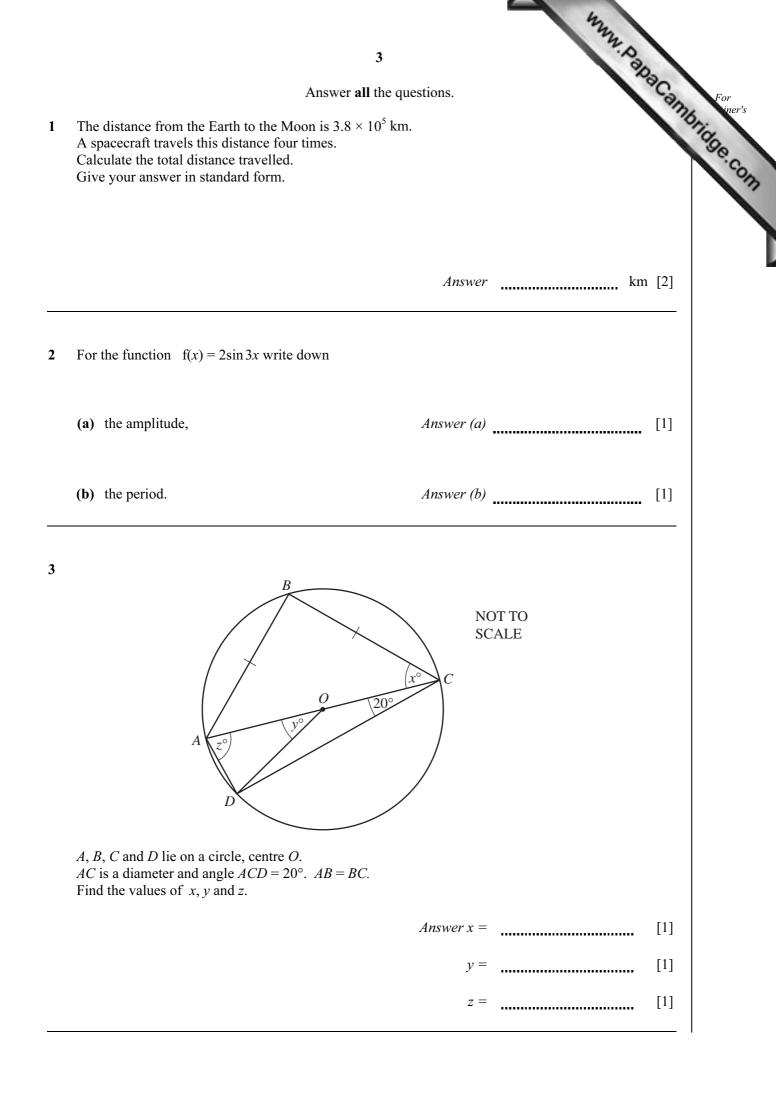


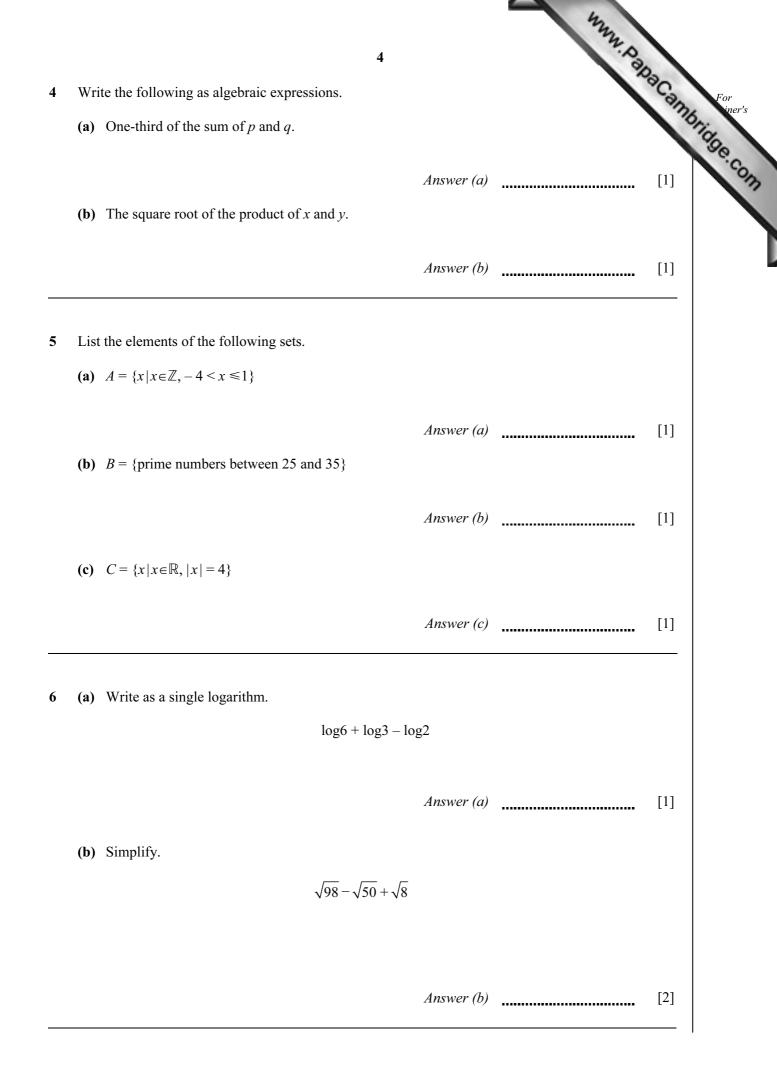
Volume, *V*, of sphere of radius *r*.

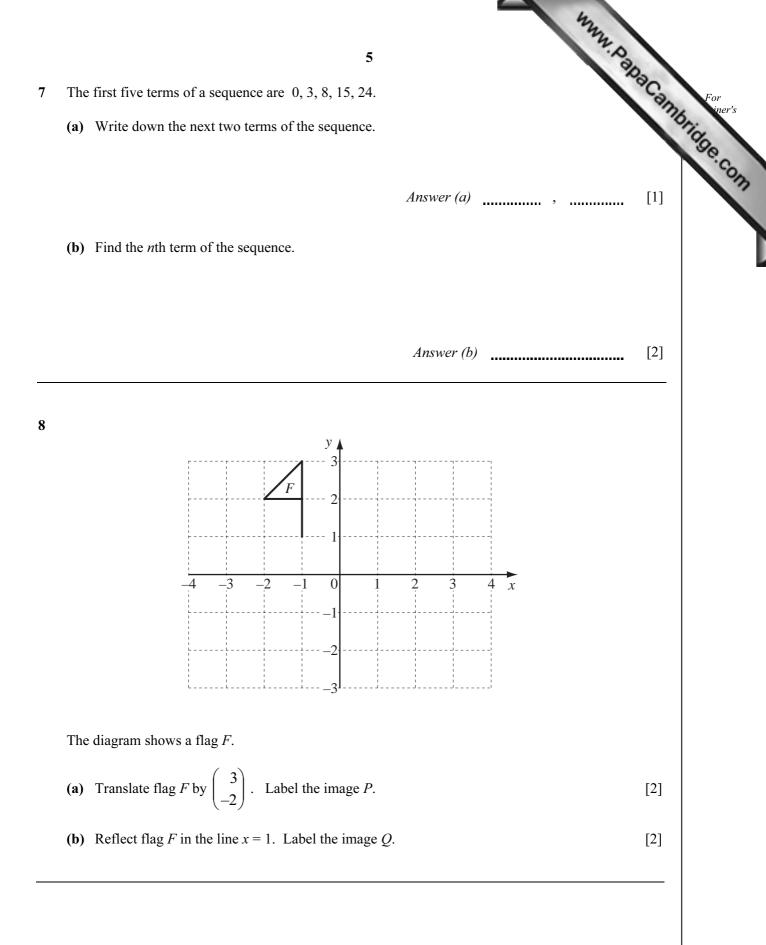


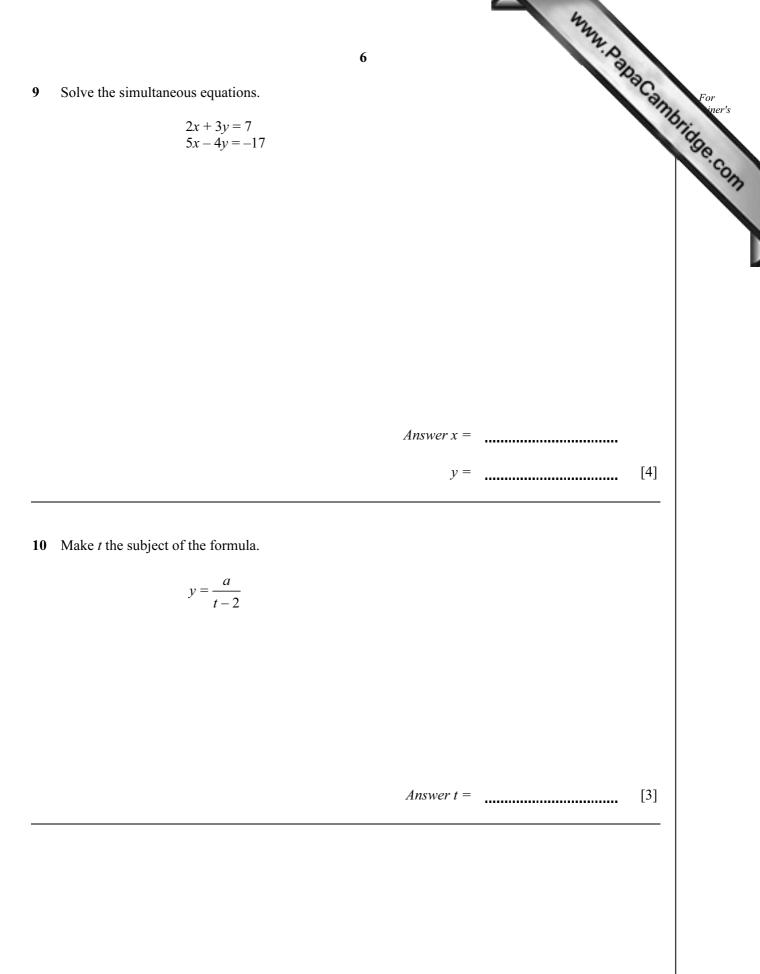
www.papacambridge.com $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{-4ac}$ $A = 2\pi rh$ $A = \pi r l$ $A = 4\pi r^2$ $V = \frac{1}{3}Ah$ $V = \pi r^2 h$ $V = \frac{1}{3}\pi r^2 h$ $V = \frac{4}{3}\pi r^3$ $\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$ $a^2 = b^2 + c^2 - 2bc \cos A$

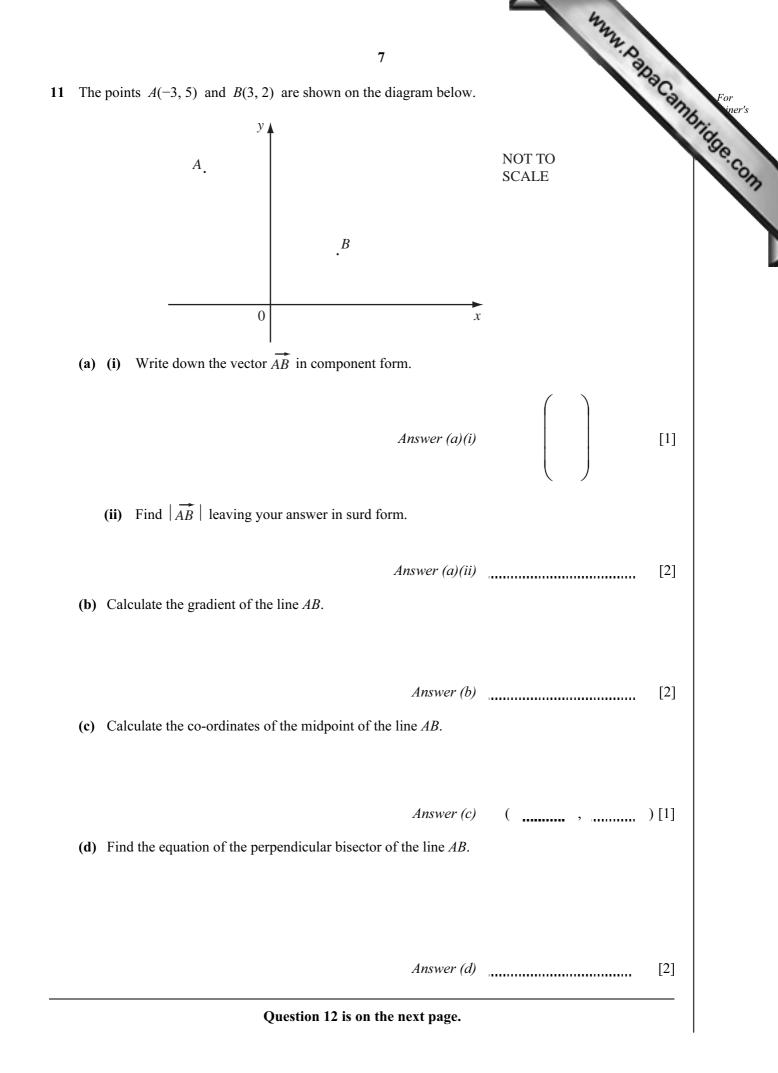
Area =
$$\frac{1}{2}bc\sin A$$

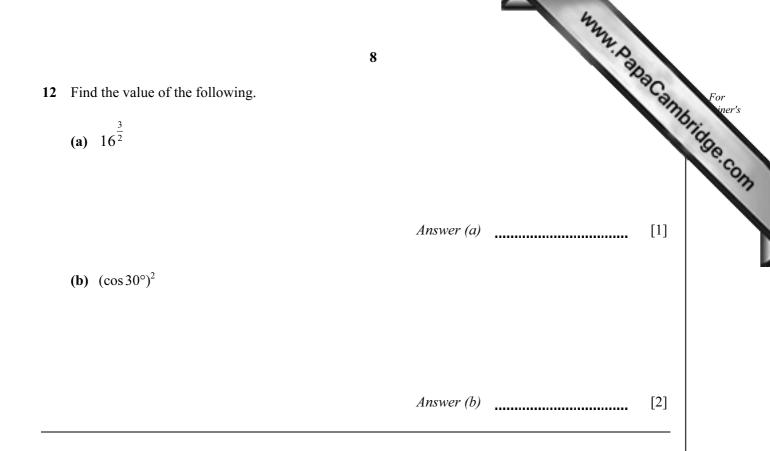












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