## MARK SCHEME for the October/November 2011 question paper

## for the guidance of teachers

## 0607 CAMBRIDGE INTERNATIONAL MATHEMATICS

0607/05 Paper 5 (Core), maximum raw mark 24

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began, which would have considered the acceptability of alternative answers.

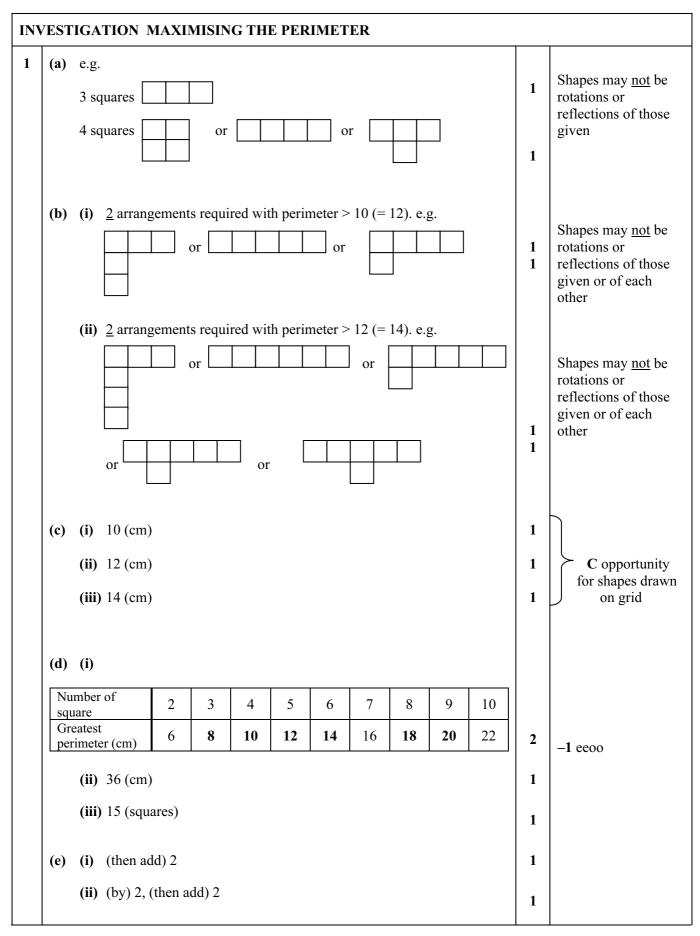
Mark schemes must be read in conjunction with the question papers and the report on the examination.

• Cambridge will not enter into discussions or correspondence in connection with these mark schemes.

Cambridge is publishing the mark schemes for the October/November 2011 question papers for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level syllabuses and some Ordinary Level syllabuses.



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	Page 3	Mark S						Syl	labus	Paper
		IGCSE	- Octo	ber/No	vembe	er 2011		0	607	05
	(f) $2x + 2$ oe								1	
2	(a) 8 (cm)								1	C opportunity for shapes drawn on grid
	(b) (i)									
	Number of equilateral triangle	s 2	3	4	5	6	7	8		
	Greatest perimeter (cm)	4	5	6	7	8	9	10	2	- <b>1</b> eeoo
	(ii) 12 (cm)								1	
	<b>(iii)</b> 16								1	
	(c) $x+2$								1	
3	4x + 2								2	1 for $4x + k$ C opportunity for attempt to explain
									C2	C2 for 3 C opportunities seen C1 for 1 or 2 C opportunities seen
								[Tot	tal: 26 scaled to 24]	