



o parts of a plastic toy building kit are shown on the right.		\Box	A cheese manufacturer wishes to divide different shaped cheeses into individ	individual portions.		
(a) (i) Render part A to look like shiny plastic. [3]		(a) Complete the table below t	Complete the table below to show four different shaped cheeses divided into portions by:	into portions by:		
(ii) Add thick and thin lines to enhance the appearance of part B. [4]		(i) completing the outer s	completing the outer square and dividing into four equal squares;	[3]		
(iii) State two reasons why plastic is a suitable material for the toy building kit.		(ii) drawing a Ø40 circle a	drawing a Ø40 circle and dividing into four equal sectors;	[4]		
		(iii) drawing an octagon or	drawing an octagon on the given base and dividing into eight equal parts;	barts; [4]		
	part A	(iv) dividing the equilatera	dividing the equilateral triangle into three equal triangles.	[4]		
(b) Complete the drawing below to show a sectional view of part A and part B slotted together.			+			
	part B					
part A(C)	The parts of the plastic to Explain what is meant by t	A square divided into 1 equal squares	four A circle divided into four equal sectors	An octagon divided into eight equal portions	An equilateral triangle divided into three equal triangles	
part B						1
		(b) Orthographic views of a ci shown below.	on removed a			
		Draw a 45/45 degree planometric view of the cheese.	metric view of the cheese. [7]			
(d) A sketch of a 'T' shaped part of the plastic toy building kit is shown on the right.		nelo	000			
Complete the side view below to show a 'T' shaped part of the plastic toy building kit.			3			
Dlan -	Ø40	front view	50			
		(c) The sketch below of a port a cartoon character called sketch a design for the cart	The sketch below of a portion of cheese is to be used in a design for a cartoon character called Charlie Cheese. In the space on the right sketch a design for the cartoon character.			
side view						
	Not to scale				[Turn over	
Cambridge International Examinations Cambridge Ordinary Level Cambri	SHEET 2 OF 2 (SECTION 2) Write your surname, other names, Centre number and candidate number in the spaces provided. Answer one question only from Section 1 (Questions 1 and 2). Answer two questions only from Section 2 (Questions 3 to 6). Answer the questions in the spaces provided. All construction and projection lines must be clearly shown. All dimensions are in millimetres unless otherwise stated. The number of marks is given in brackets [] at the end of each question or part question. DO NOT WRITE IN ANY BARCODES.	er in the spaces provided. n or part question.	Candidate Surname Other Names Centre Number Candidate Number			Examiner's use only
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