(a)	Answer part (a) here. [4]	(c) Develop and sketch th	nree separate ideas.	[12]		
	1					
	2					
	3					
	<b>0.</b>					
	4					
(b)	Answer part (b) here. [4]					
					contir	nued overleaf
		•	Answer sheet 1 of 2.		Centre number	For Examiner's Use
Cambridge IGCSE <sup>™</sup>			Write your centre nur provided on this sheet	umber, candidate number and name in the spaces	Candidate number	
			Write the number of t	the question you have answered in the space provided. ovided for your answers on the two answer sheets so	Candidate number	
D	ESIGN & TECHNOLOGY	0445/13	there is no need to us		Name	
	aper 1 Product Design	May/June 2022			Question number	
Ar	nswer sheet 1 of 2					

part (c) continued.	(d) Evaluate your ideas.
	ldea 1
	ldea 2
	ldea 3
	Choose <b>one</b> idea to develop and justify your choice.
	Chosen idea
	Justification
	[8]

(e) Draw the full solution to the problem here. Include construction details and important dimensions.	[12]				
				For Examine	ner's
Cambridge IGCSE <sup>TM</sup> DESIGN & TECHNOLOGY  Paper 1 Product Design  Answer sheet 2 of 2	0445/13 May/June 2022	Answer sheet 2 of 2.  Write your centre number, candidate number and name in the spaces provided on this sheet and sheet 1.  Write the number of the question you have answered in the space provided. Sufficient space is provided for your answers on the two answer sheets so there is no need to use other sheets.	Centre number  Candidate number  Name  Question number	Use	J. 3

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Answer sheet 2 of 2 [Turn over

(f) Answer part (f) here. [4]	There is no need to write or draw here unless you wish to continue part of a question. The question number(s) must be clearly shown.
1. Material	part of a quodion. The quodion namber (b) must be clearly shown.
Reason	
2. Material	
Reason	
(g) Answer part (g) here. [6]	