(a)	Answer part (a) here. [4]	(c) Develop and sketch the	ree separate ideas.	[12]		
	1					
	2					
	3					
	4					
(b)	Answer part (b) here. [4]					
					contir	nued overleaf
			Answer sheet 1 of 2	2.	Centre number	For Examiner's Use
				Write your centre number, candidate number and name in the spaces		
C	ambridge IGCSE <sup>™</sup> (9–1)		provided on this sheet a Write the number of the	he question you have answered in the space provided.	Candidate number	
	ESIGN & TECHNOLOGY	0979/12	Sufficient space is puthere is no need to	provided for your answers on the two answer sheets so	Name	
	aper 1 Product Design	0979/12 May/June 2022			Question number	
	nswer sheet 1 of 2	• • • •			Question number	

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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]			
		Anayor shoot 2 of 2	Centre number	For Examiner's
Cambridge IGCSE <sup>™</sup> (9–1)  DESIGN & TECHNOLOGY  Paper 1 Product Design  Answer sheet 2 of 2	0979/12 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.	Candidate number  Name  Question number	Use

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(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]	