(a) Answer part (a) here. [4]	(c) Develop and sketch th	nree separate ideas.	[12]		
1					
2					
3					
4					
4					
(b) Answer part (b) here. [4]					
				contii	nued overleat
	· ·	Answer sheet 1 of 2		Centre number	For Examiner's Use
Cambridge O Lovel		Write your centre number, candidate number and name in the spaces provided on this sheet and sheet 2. 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		
Cambridge O Level	204042		Name		
DESIGN & TECHNOLOGY Paper 1 Product Design	6043/12 October/November 2021		Question number		
Answer sheet 1 of 2					
I .		1		I and the second	1

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part (c) continued.	(d) Evaluate your ideas.
	Idea 1
	Idea 2
	Idea 3
	Choose one 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]				
	Combridge O Level		Answer sheet 2 of 2. Write your centre number, candidate number and name in the spaces provided on this sheet and sheet 1.	Candidate number	For Exa Use	aminer's
D	sign & TECHNOLOGY	6043/12 October/November 2021	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.	Name		
	aper 1 Product Design nswer sheet 2 of 2	October/November 2021		Question number		

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Answer sheet 2 of 2 [Turn over

(f) Ans	wer 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 quotient fire quotient families (e) materials are an arrival
	Reason		
2.	Material		
	Reason		
(g) Ans	wer part (g) here. [6]	,	