## Section A



0445/53 May/June 2023 1 hour DC (RW/JG) 312557/	2	кеу В
Centre Number	Candidate Number	Candidate Name



A2 A keyring fob is made from 3 pieces of 5 mm thick acrylic sheet glued together.

The pieces of acrylic are shown below.

The front symbol shows that the keys are for a house.



Complete the isometric view of the assembled keyring fob to a scale of 2:1 by adding:

(i)	the middle piece	[3]
(ii)	back piece.	[4]

A3 A designer wants to make another keyring fob.

The keyring fob will be used for car keys.

The keyring fob will have the same back piece and middle piece but the front symbol will be different.

Draw a suitable design for the front symbol that fits in the shape below. [2]





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## Section B

Answer one question, either Question B4 or B5, from this section.

**B4** Orthographic views of a design for a key rack are shown below.



b) T t	The he l	e KEYS lettering is to be spray painted on to hardwood backboard using a card stencil.					
(	(i)	Describe how CAD/CAM could be used to produce the card stencil.					
(i	i)	Describe o	<b>ne</b> advantage (	of using a stencil			
(-	,	compared to painting the lettering on by hand.					
				[2]			
n about the types of keys used most often is the table below.							
be		House	Car	Work			
er		54	36	30			
label a pie chart to display the information shown e. [3]							
				For Examiner's use			
			[Turn ov	/er			

Sheet 2 of 2

