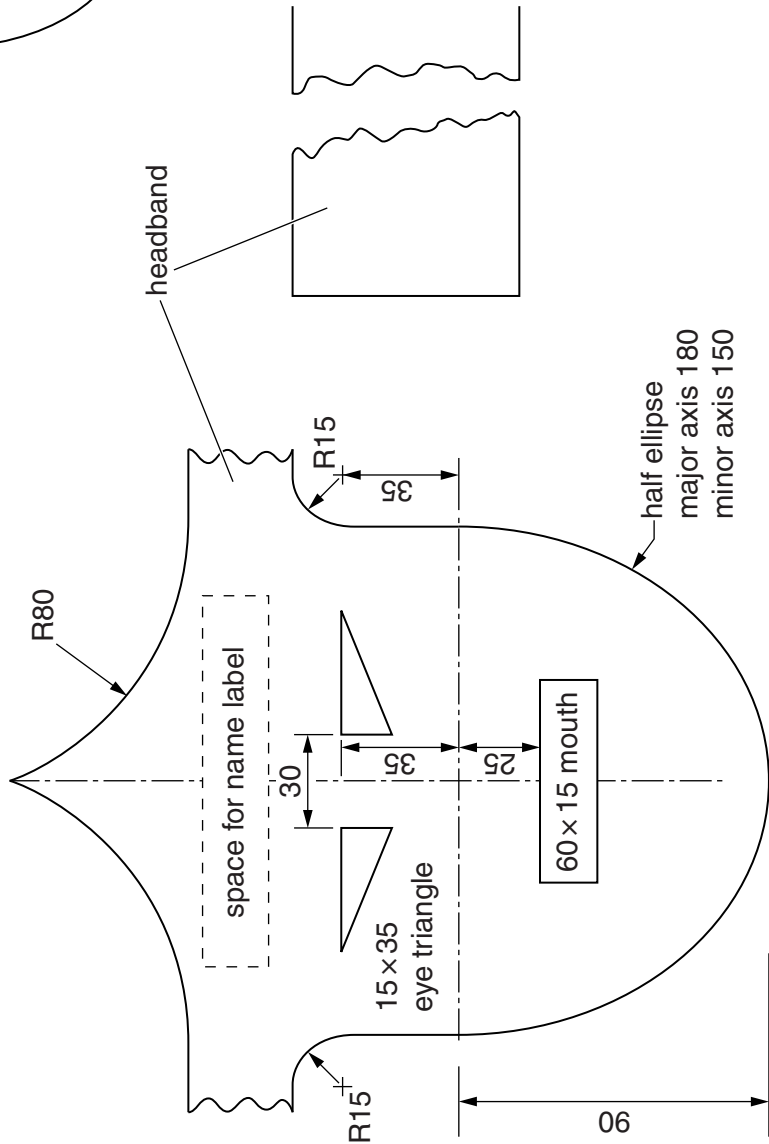
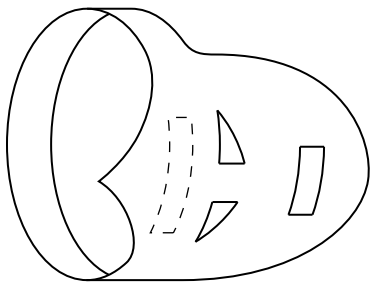


Section B

Answer either question **B4** or **B5**.

B4 The pictorial view to the right shows a knight's helmet for the children to wear at THE CASTLE. The helmet is made from card.

Details of the helmet before folding are shown below.



(a) On the centre lines in the space to the right, complete the full size drawing of the helmet and headband [20]
before folding.

(b) Add a 110 x 20 label for the child's name in the space shown. [3]
Do not fill in the child's name.

(c) In the space below, show a method of joining the two parts of the headband in different positions to accommodate a range of head sizes. [2]
The method should not include the use of glue.

0445/22 May/June 2014 1 hour
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Centre Number

Candidate's Number

Candidate's Surname

Other Names

[Turn over

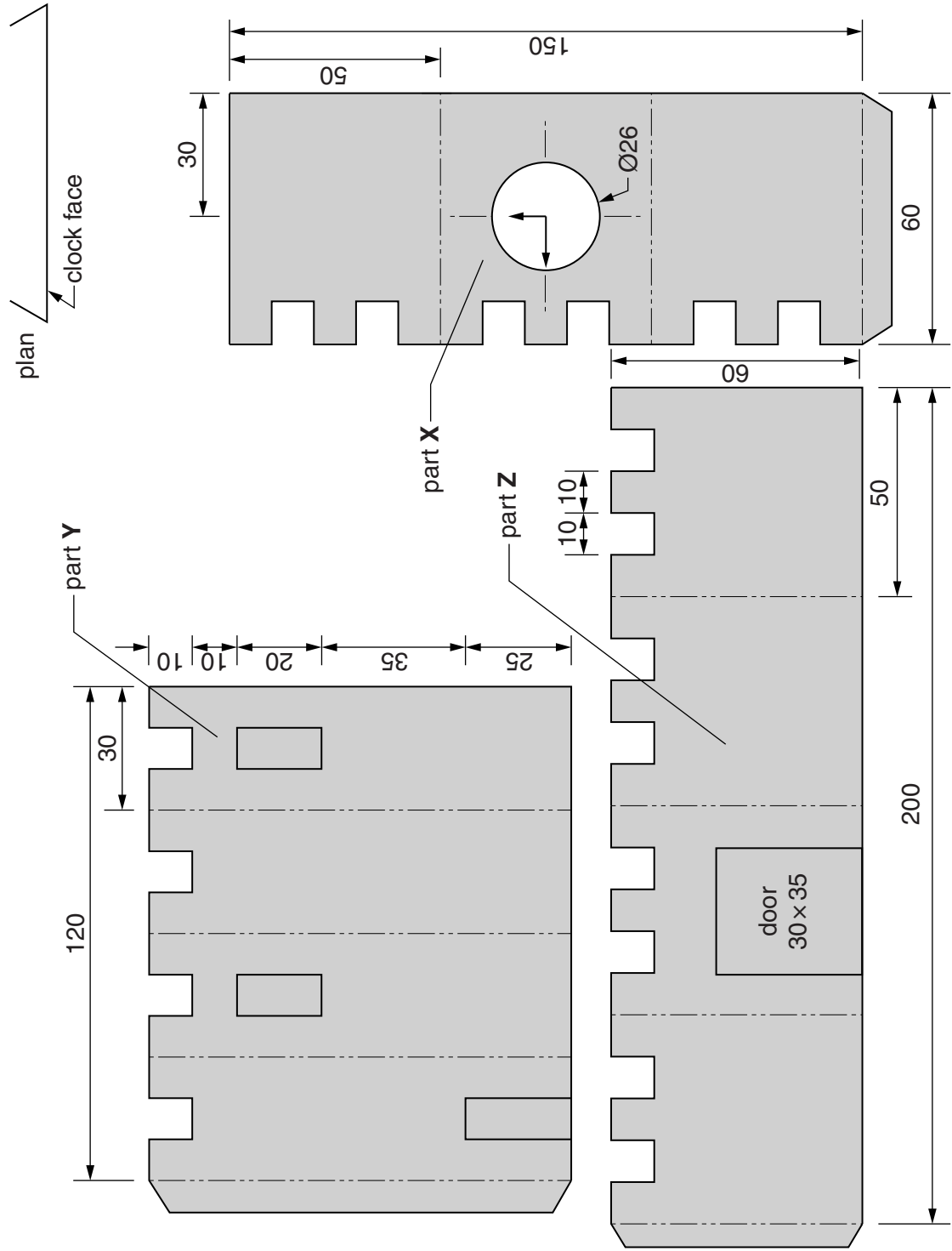
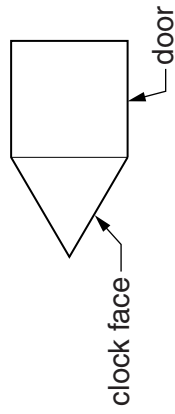
B5 Children visiting THE CASTLE play area are given a model castle to cut out and make at home. The view below shows the three parts of the castle with dimensions.

(a) (i) In the space shown to the right, draw full size, three orthographic views of the assembled triangular castle part **X**. [7]

(ii) In the space shown to the right, draw full size two orthographic elevations of the assembled square tower part **Y**. [6]

(b) In the space shown, draw a full size isometric view of the two castle parts **X** and **Z** arranged as shown in the plan below. [12]

The clock face and door must be visible.



Answer part (a)(i) here

Answer part (a)(ii) here

Answer part (b) here