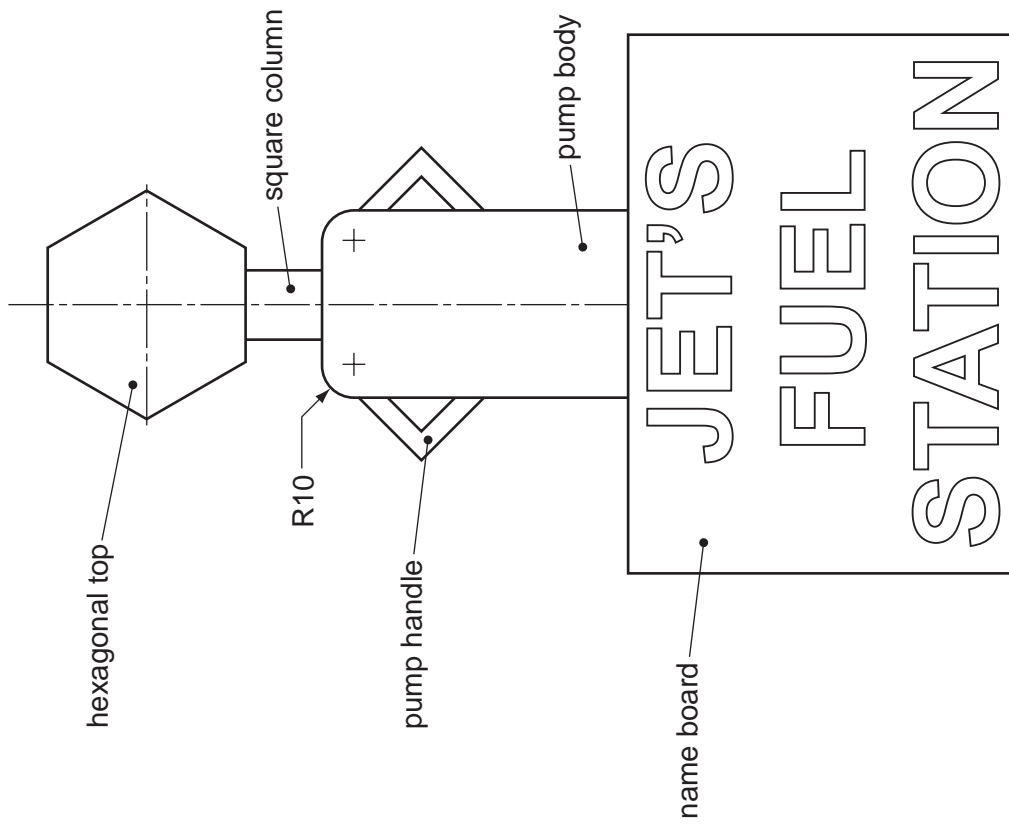


Section A
Answer all questions in this section.

The drawing below shows details of a logo and name board for a fuel filling station called JET'S.
The logo is an arrangement of geometrical shapes representing a fuel pump and the station owner.



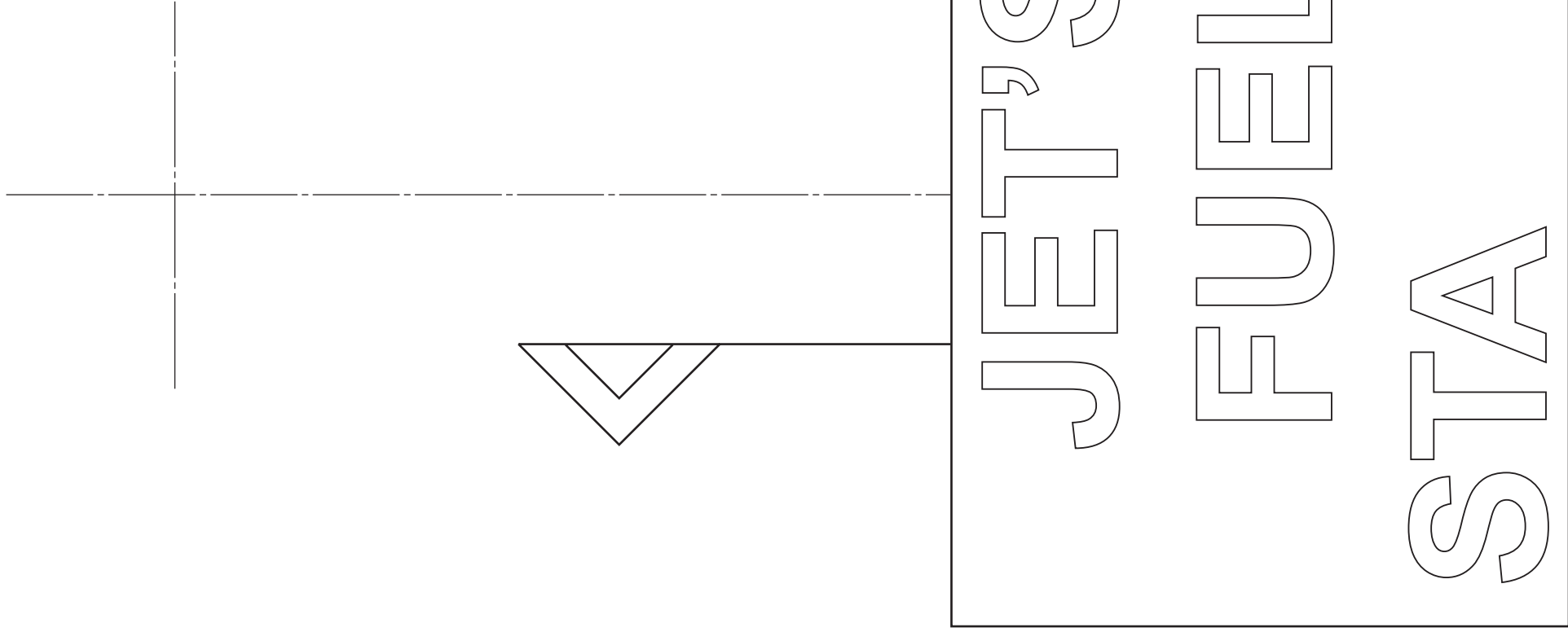
Complete the full size view of the logo by drawing on the centre lines given in the space provided to the right:

- (a) the hexagonal top 30 side;
- (b) the square column 20 side;
- (c) the rectangular pump body 50×80 with R10 corners at the top;
- (d) the second pump handle $45^\circ \times 90^\circ$.

[9]

Complete the name board for JET'S FUEL STATION by adding the **four** missing letters.

All the letters must be to the same height and style as those given. [6]



0445/21 May/June 2010 **1 hour**
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Centre Number

Candidate's Number

Candidate's Surname Other Names

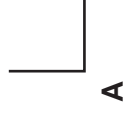
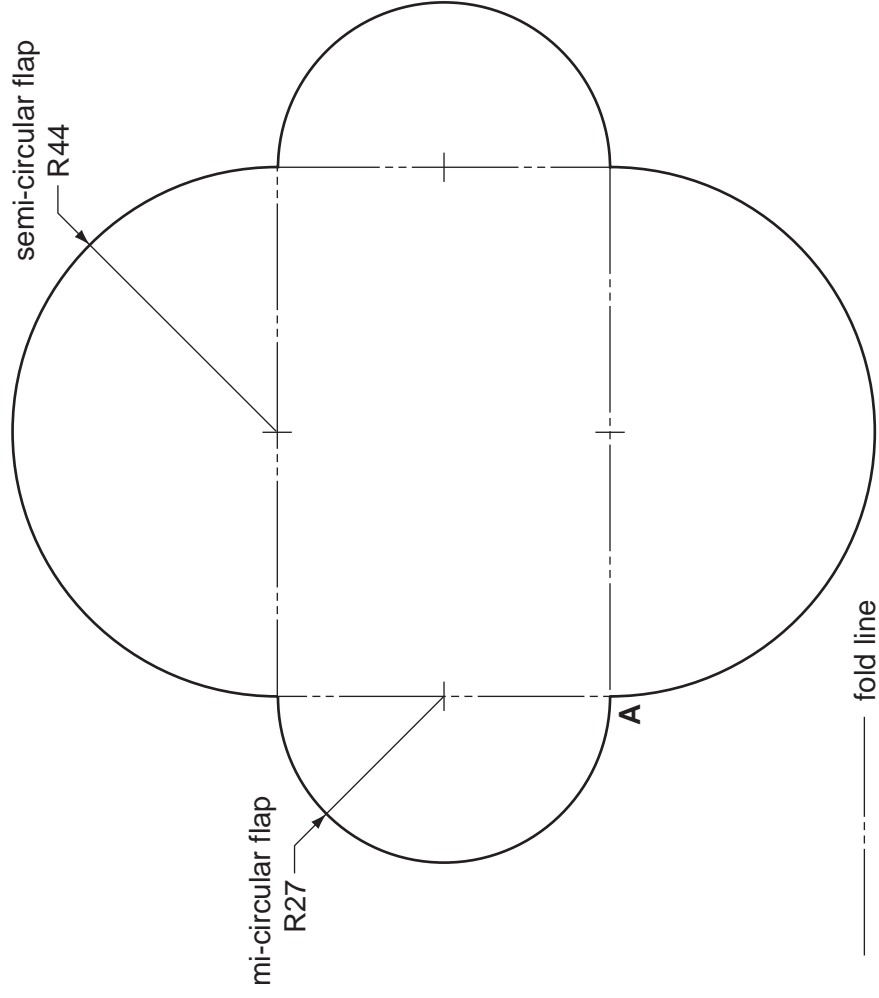
[Turn over]

For Examiner's use				

A3 Customers of the fuel filling station are given a loyalty points card. The points collected at each re-fuelling can be exchanged later for motoring accessories.

The points card comes in a protective plastic envelope.

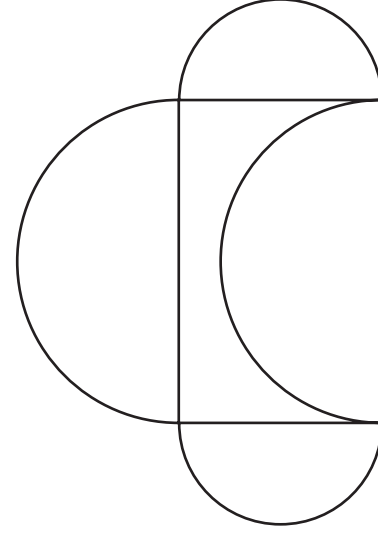
The development (net) of this envelope is shown below.



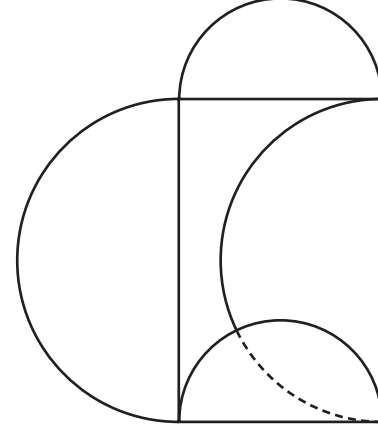
(a) Draw full size the development (net) of the plastic envelope in the space below.
Use corner **A** as your starting point. [6]

When the flaps are folded over in the correct order, the top flap can be tucked into a slot in the bottom flap to form a secure envelope for the points card.

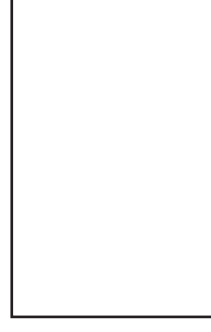
(b) Complete sketches 3 and 4 to the right to show how the flaps should be folded and the position of the slot that is required. [4]



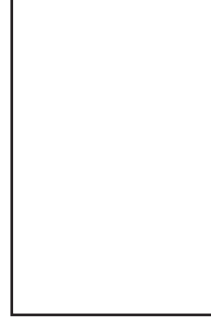
1



2



3



4

