

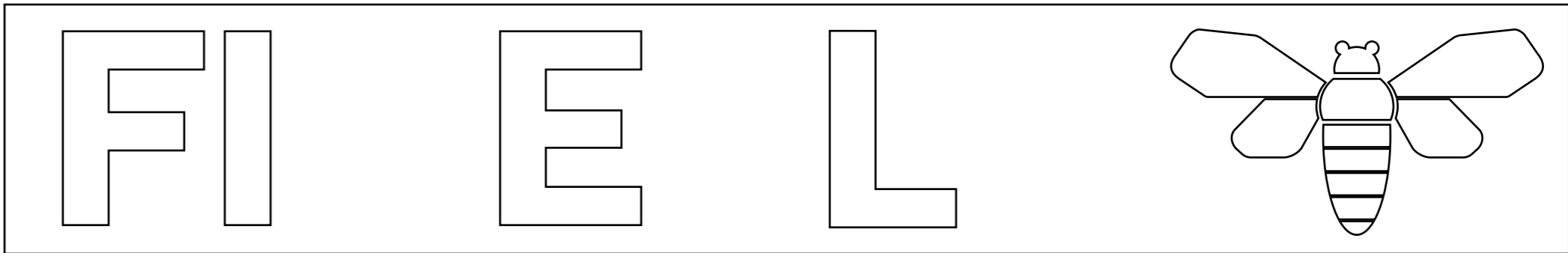
**Section A**

Answer **all** questions in this section.

**A1** A car company called FIREFLY has designed the latest model cars. Designers came up with the logo shown to the right.

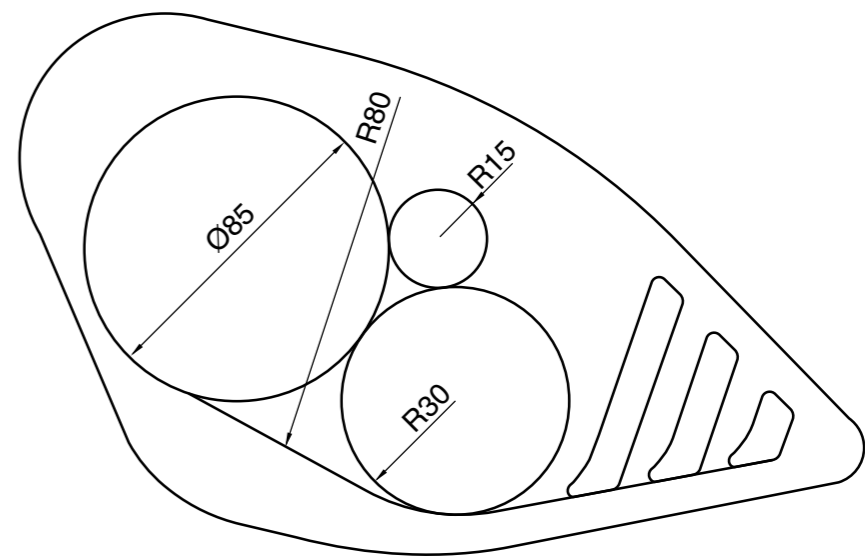
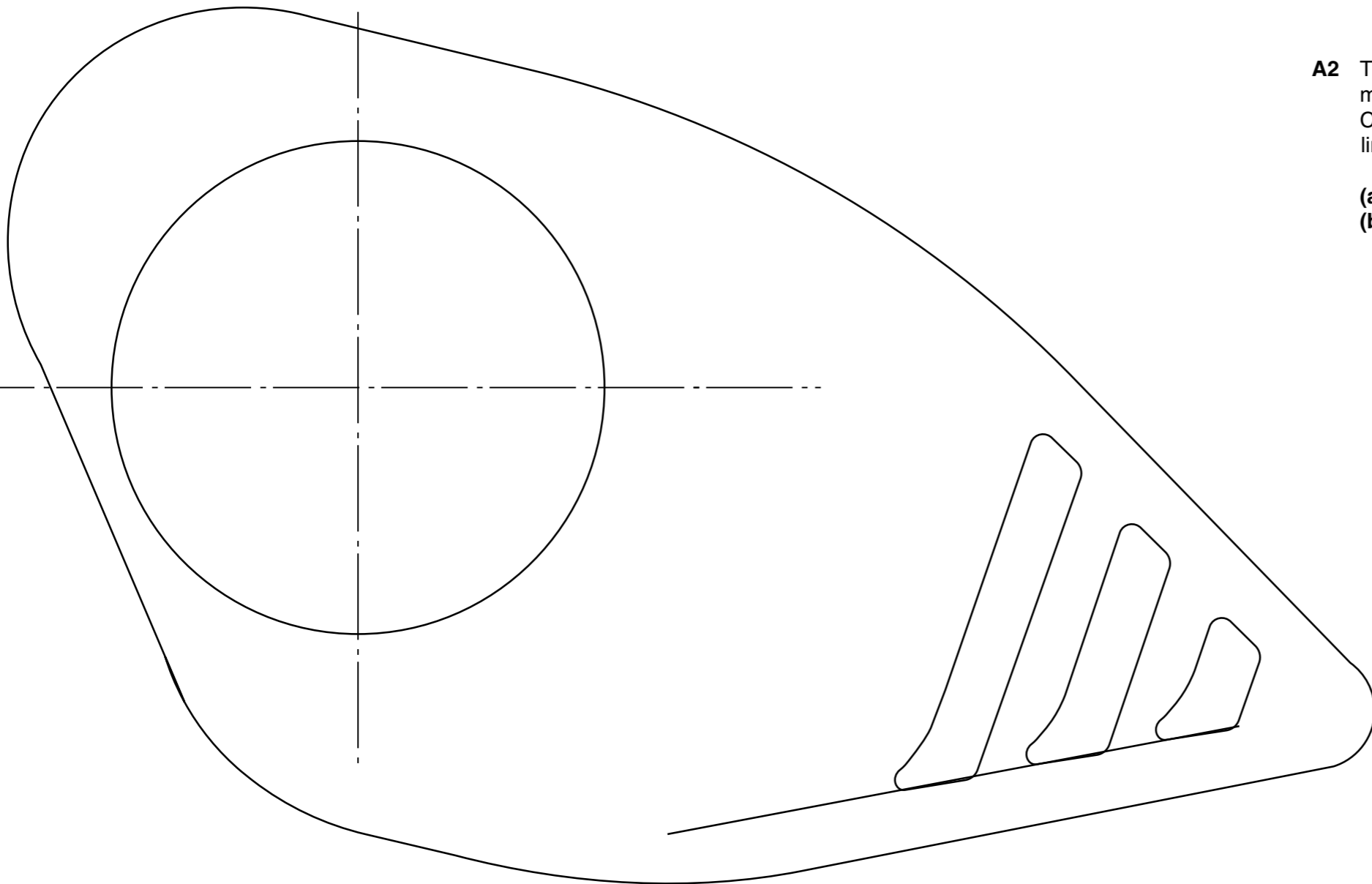


Draw and complete the design of the logo by adding the missing letters R and Y.  
The letters should be of the same style, height and spacing. [5]



**A2** The Designers went on to design headlights for the car. The design was made through geometrical constructions. Complete the full size view of the headlights by drawing from the centre line given in the space provided to the right:

- (a) The circles R15 and R30
- (b) The curve R80 to be in contact with the circles R30 and  $\varnothing 85$  [11]



6902/02 October / November 2023 1 hour

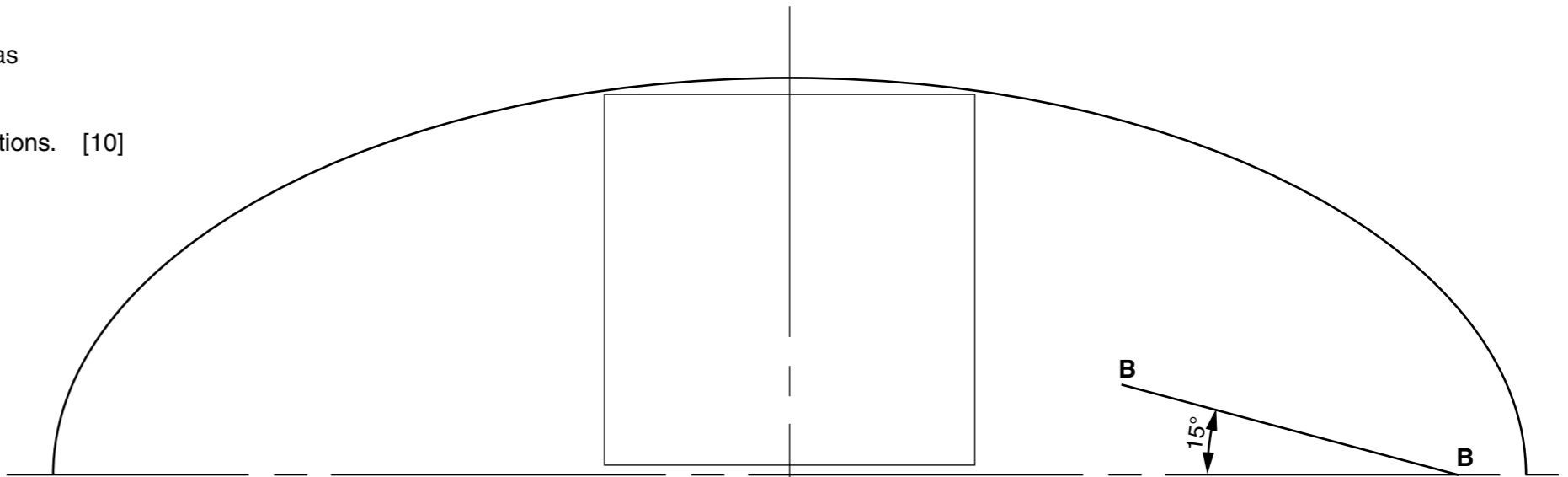
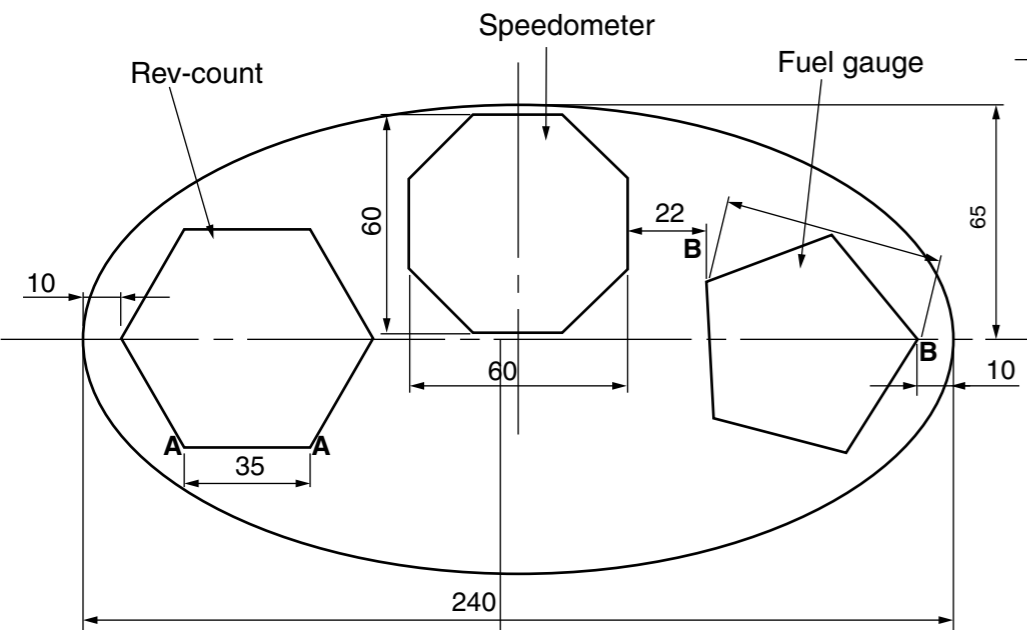
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A3

The **FIREFLY CAR** interior is fitted with a splendid looking dashboard that has geometrical shapes for the speedometer, fuel gauge and rev-count.

Complete the drawing of the geometrical shapes using geometrical constructions. [10]

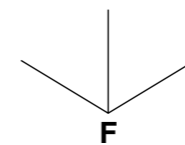
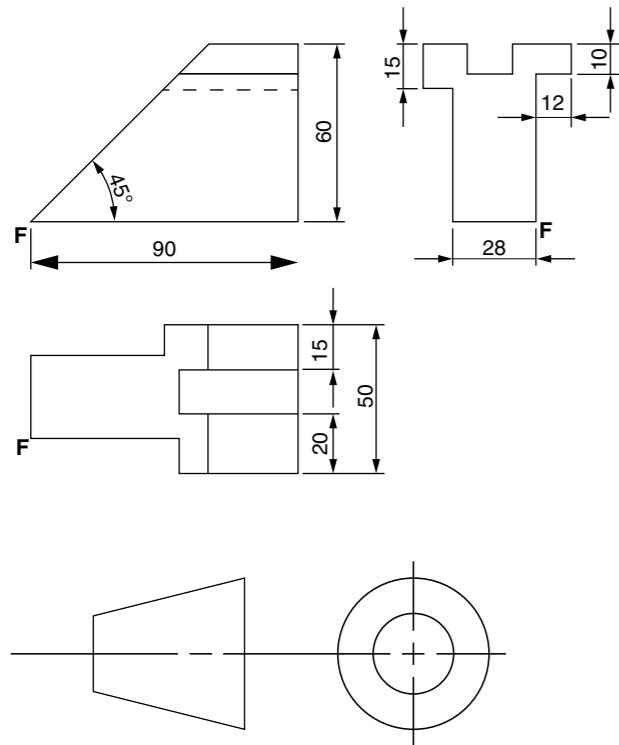


**SECTION B**

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

**B4** At the shop counter there is a monument on display for the car producing company.

- (a) Draw the monument in isometric projection in the space given below with the foreground **F**. [16]
- (b) Apply the thick and thin line technique to the drawing. [5]
- (c) Add texture to show that the monument is made out of wood. [4]



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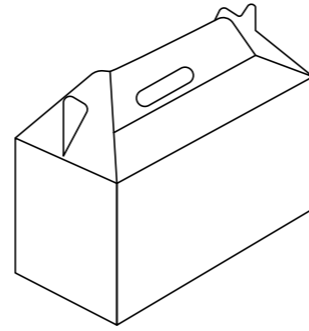
**B5** During lunch time the customers are served with a lunch box full of treats.

The lunch box is a gable box made out of corrugated card.

Shown in the space to the right are details of the gable box.

- (a) Draw a complete development (net) of the gable box in the space provided using the scale 1:2
- (b) In the space provided, design a method of locking the base without using an adhesive.

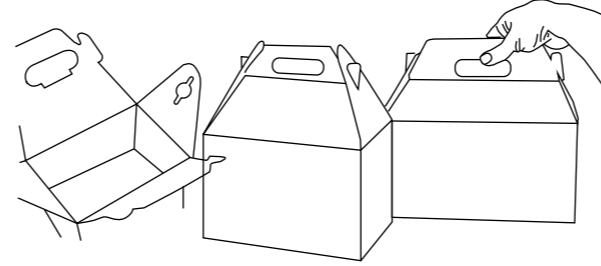
Isometric view of the Gable box



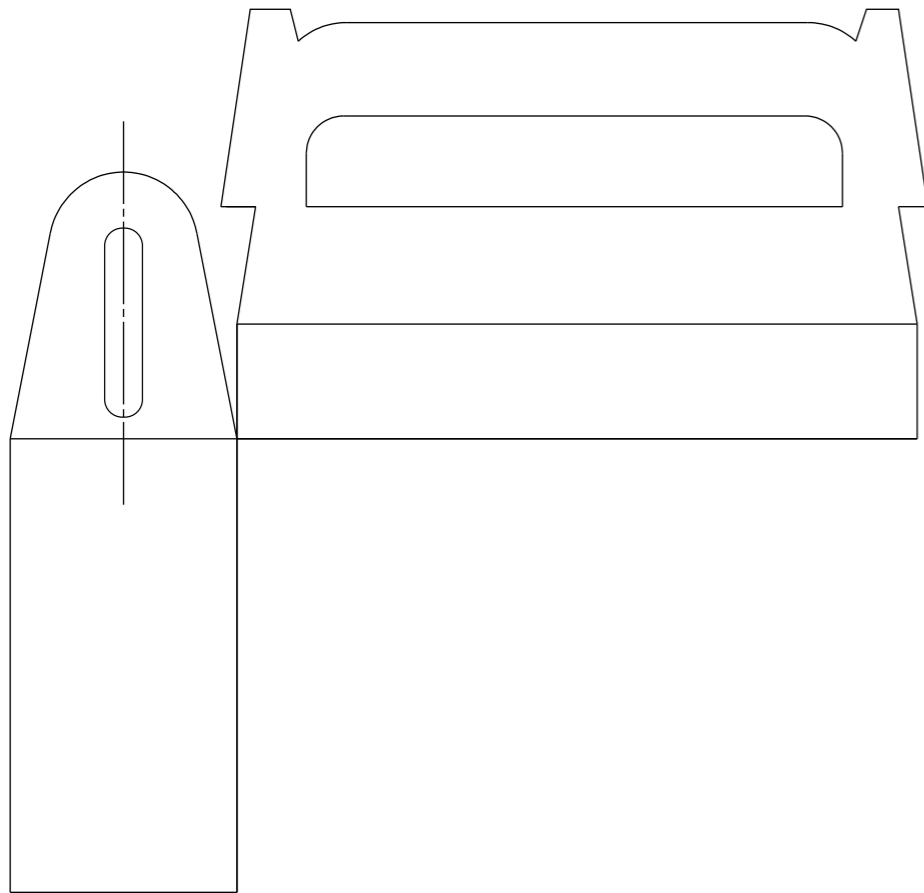
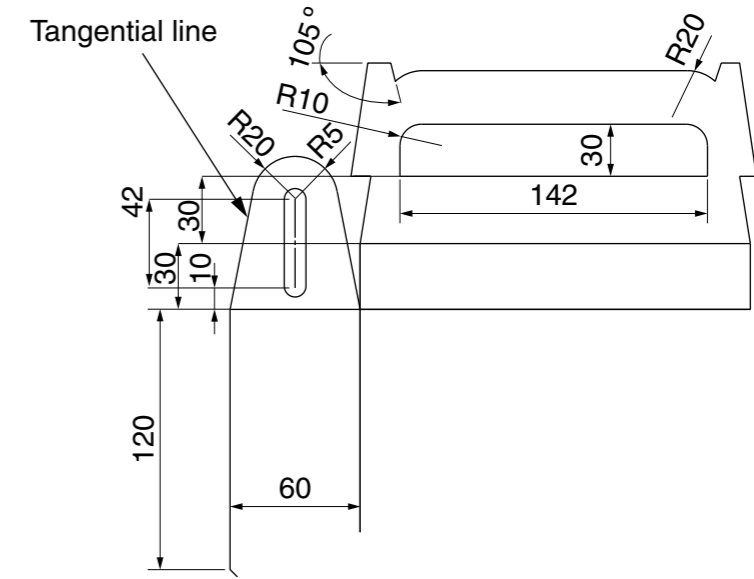
[22]

[3]

Different views of the Gable box



Dimensions of the Gable box



Answer part (b) here