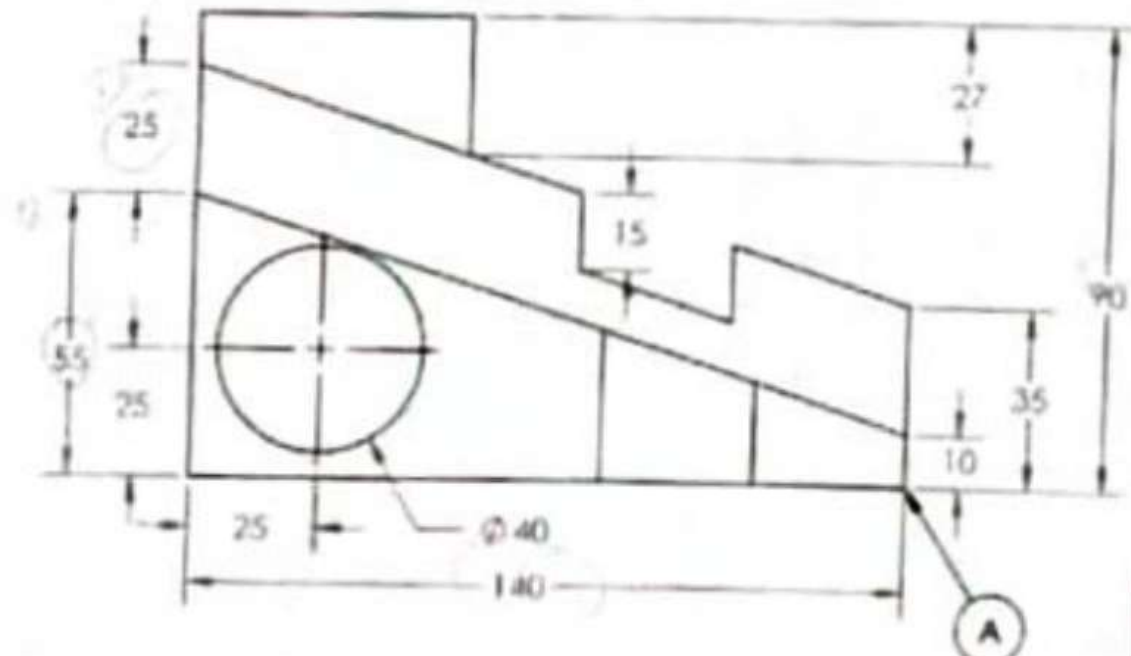
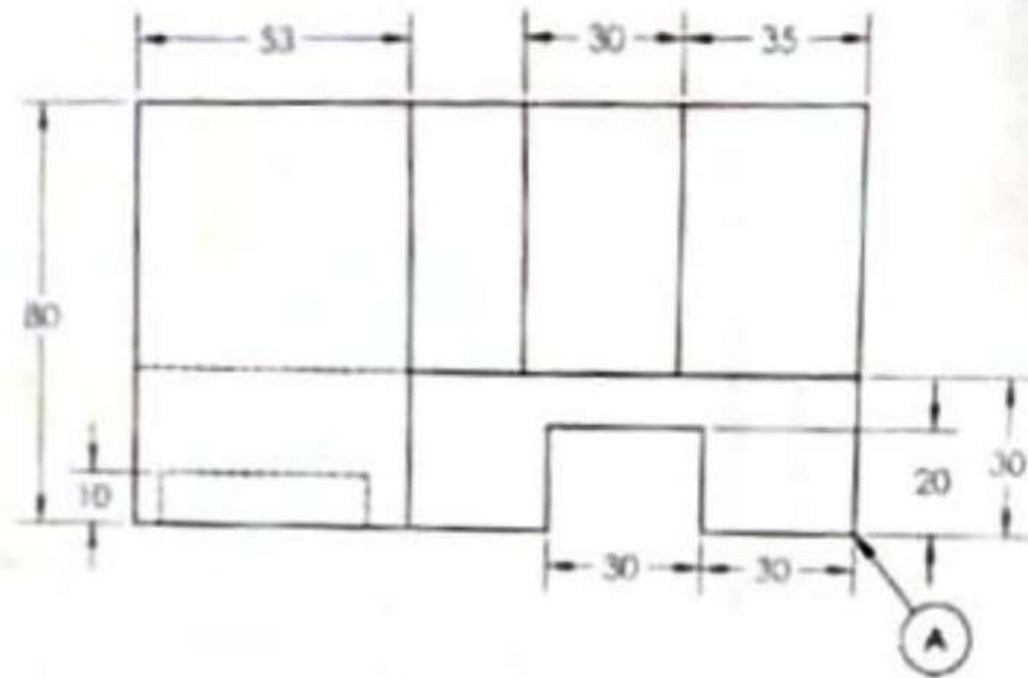
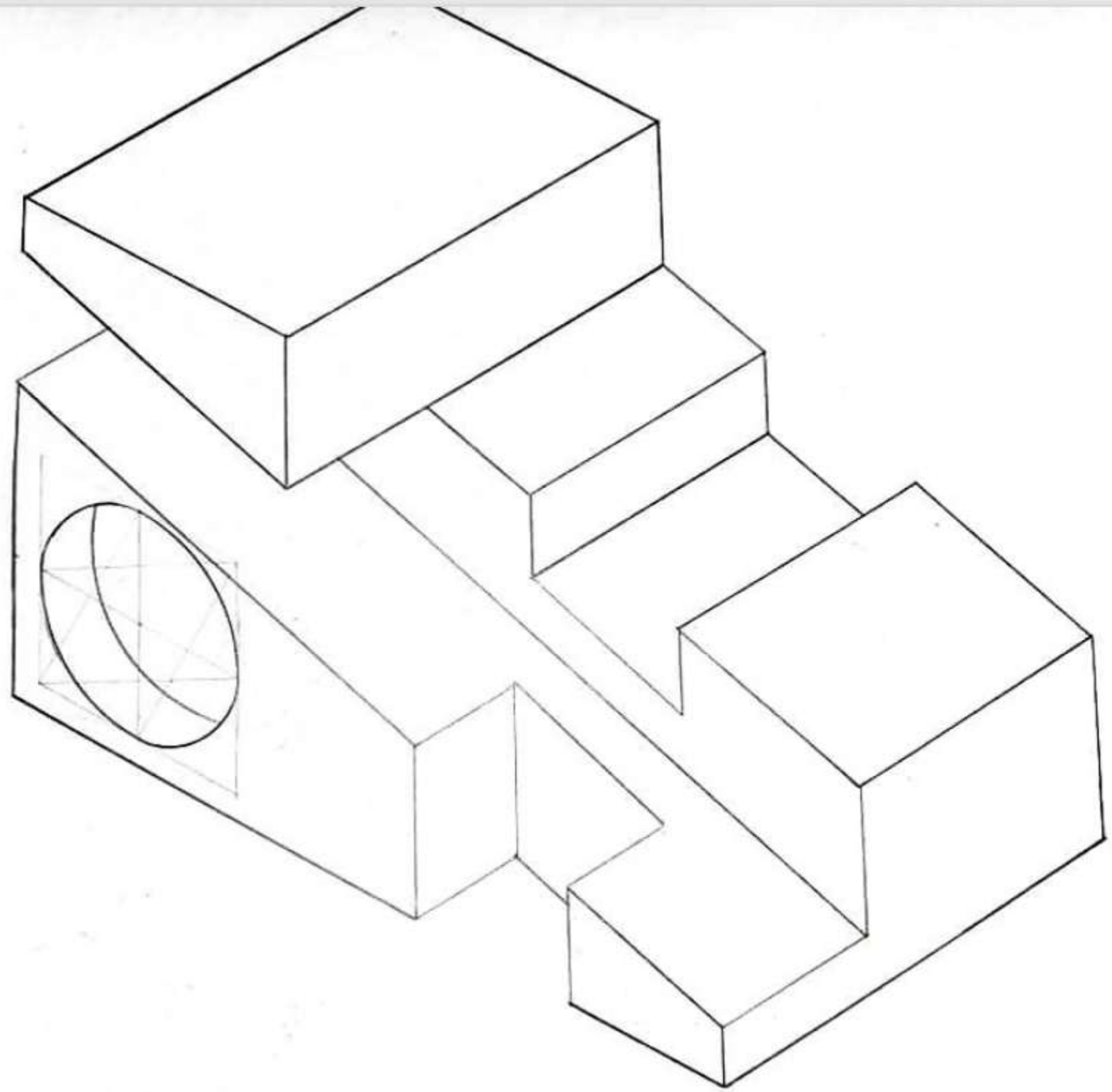


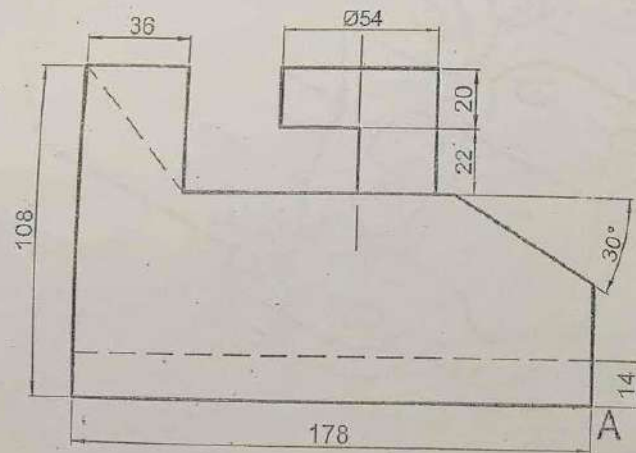
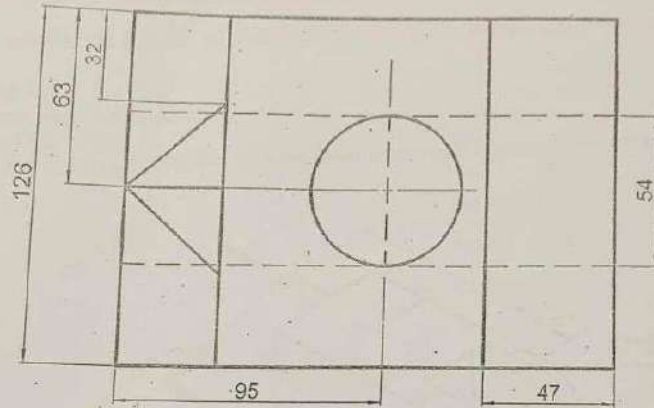
(220, 40)

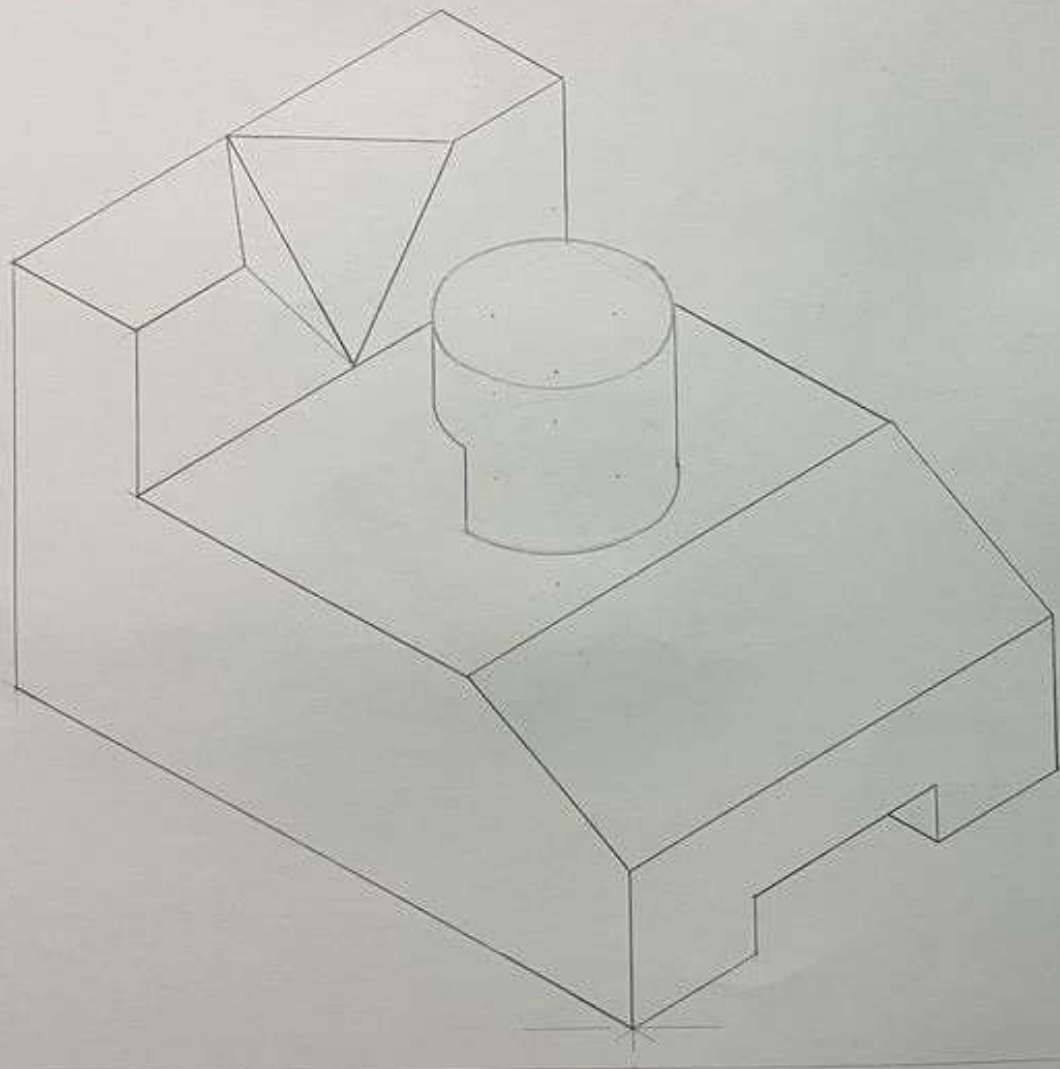




Problem#2: Given the top and front view of a bracket as shown in Figure (2) below,
Using A3 sheet, draw the *isometric* to scale 1:1.

Note: Start with point A (box corner), at X= 220, Y= 10, Dimensions in mm. (40%)



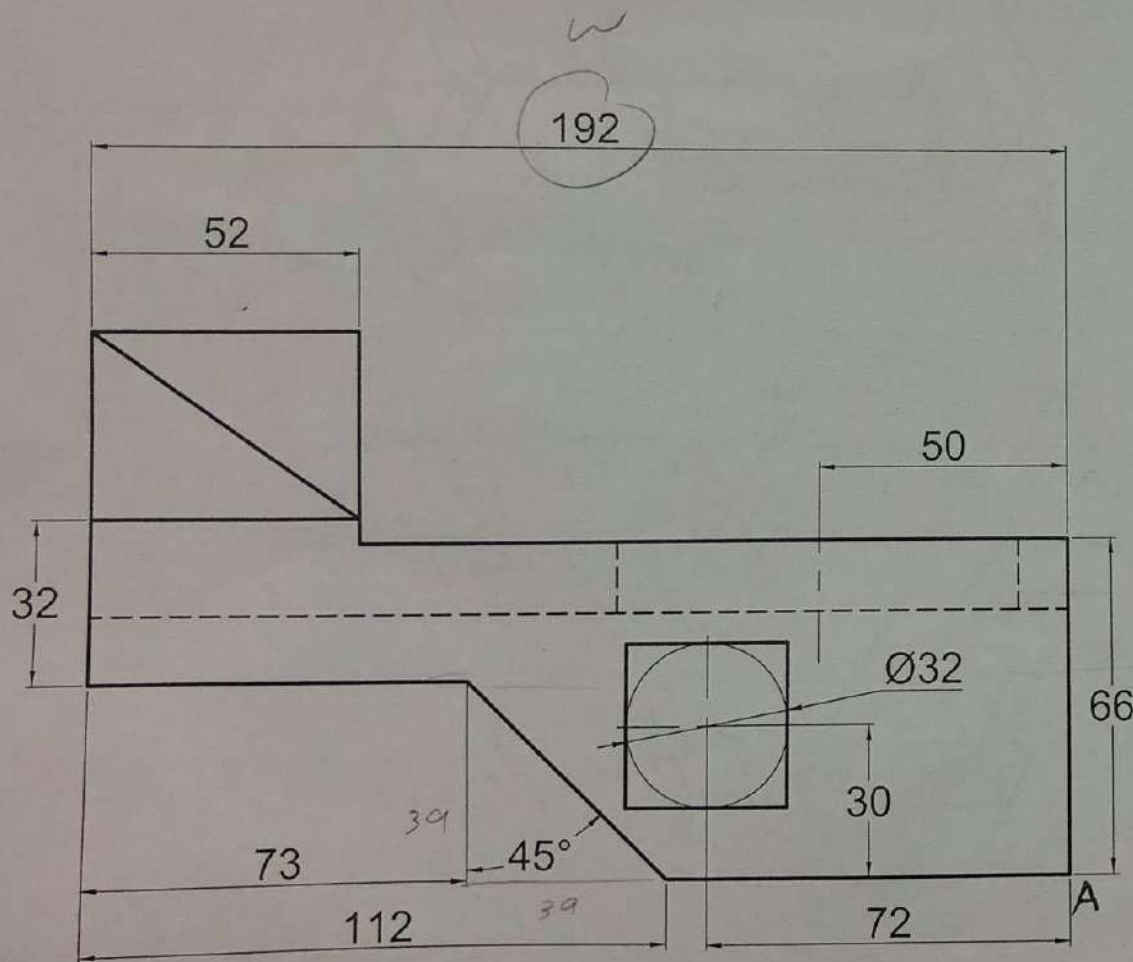


Problem #2:

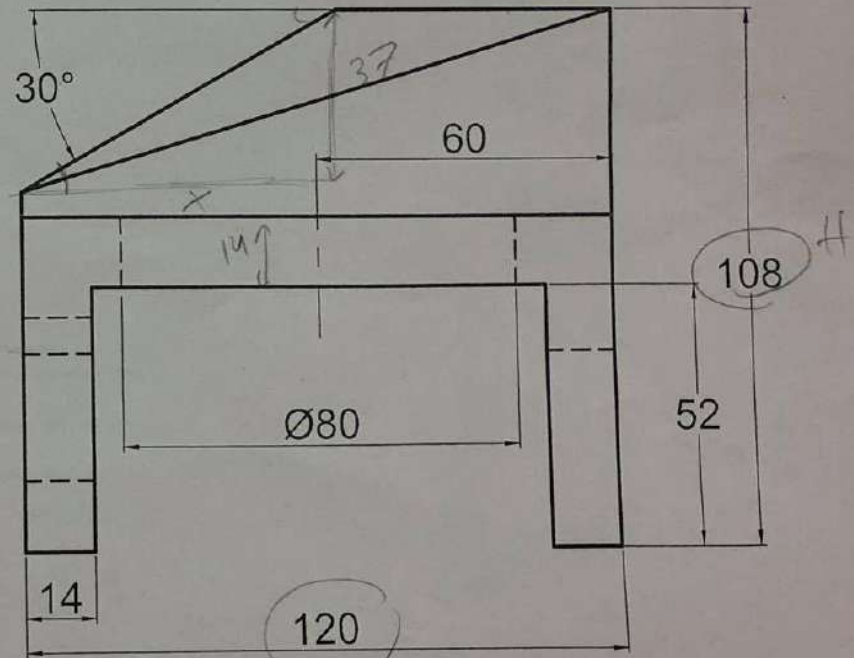
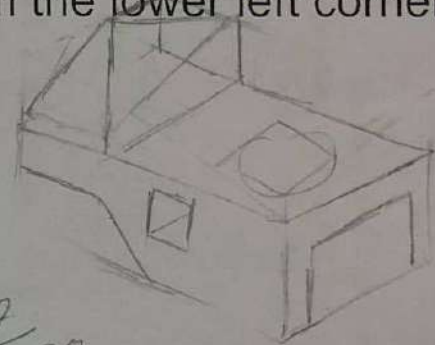
Given the Front and Right views for an object as shown in Figure (2), draw the isometric

Note:

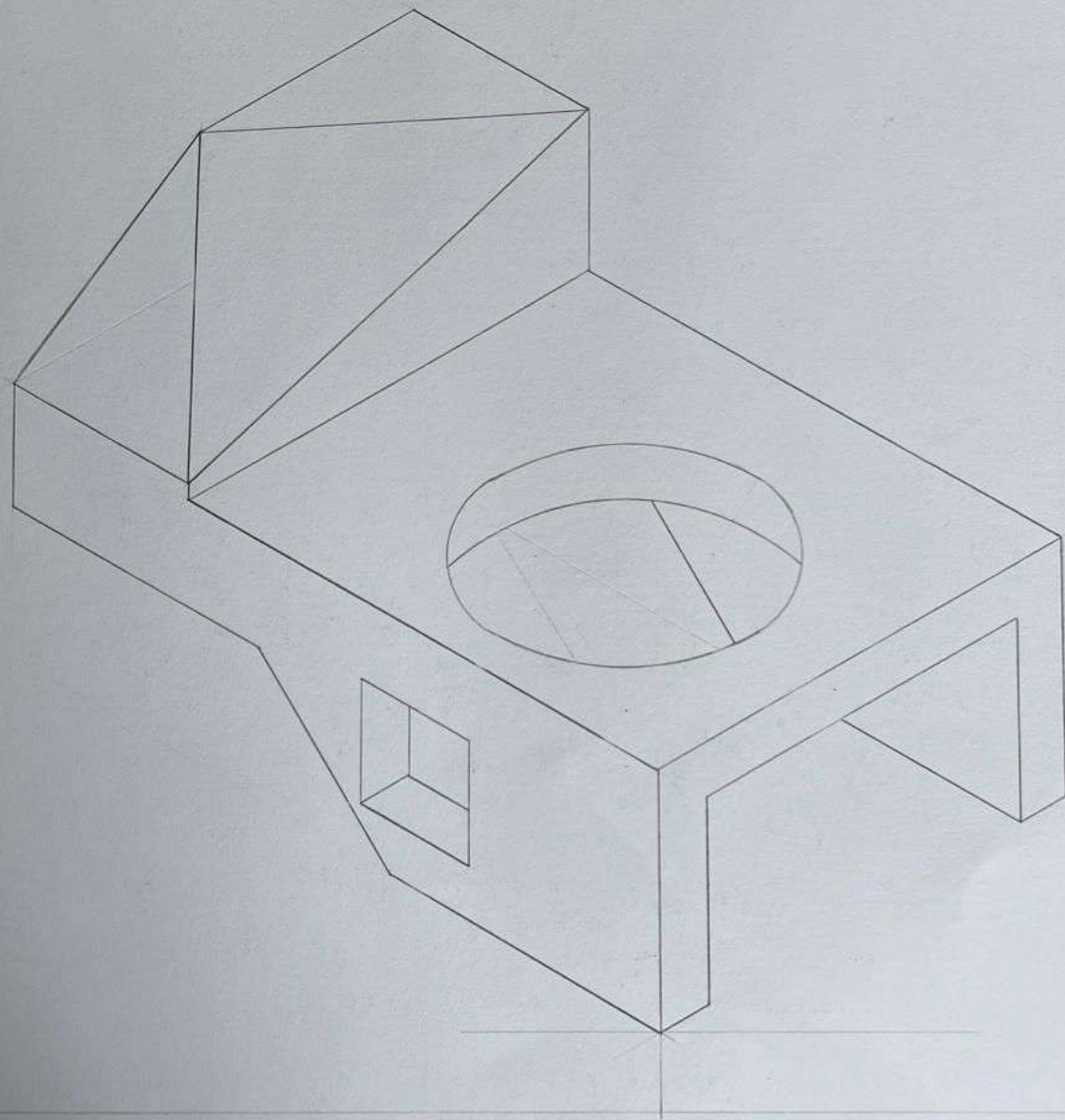
- Dimensions are all in mm.
- Use a scale of 1:1.
- Start drawing the isometric box from point A (270,20) from the lower left corner



Handwritten calculation: $\frac{37}{x} = \tan 30^\circ$
 $x = \frac{37}{\tan 30^\circ}$



D



Q1) Draw the Isometric projection for the Front and Top views of the object shown in Figure (2):

Note:

- All dimensions are given in **mm**.
- Start your drawing at point **A (245,30)** from the lower left corner of your sheet

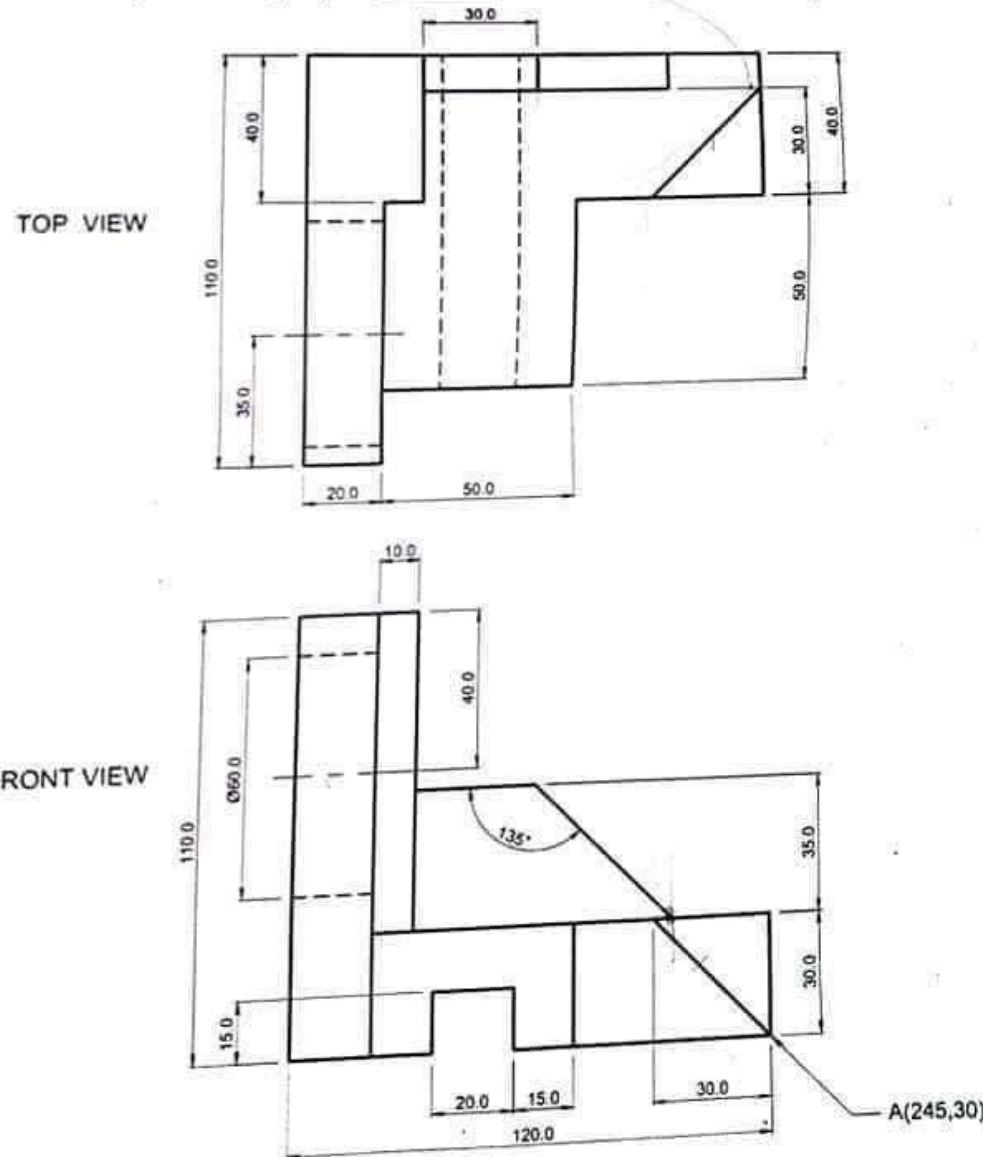
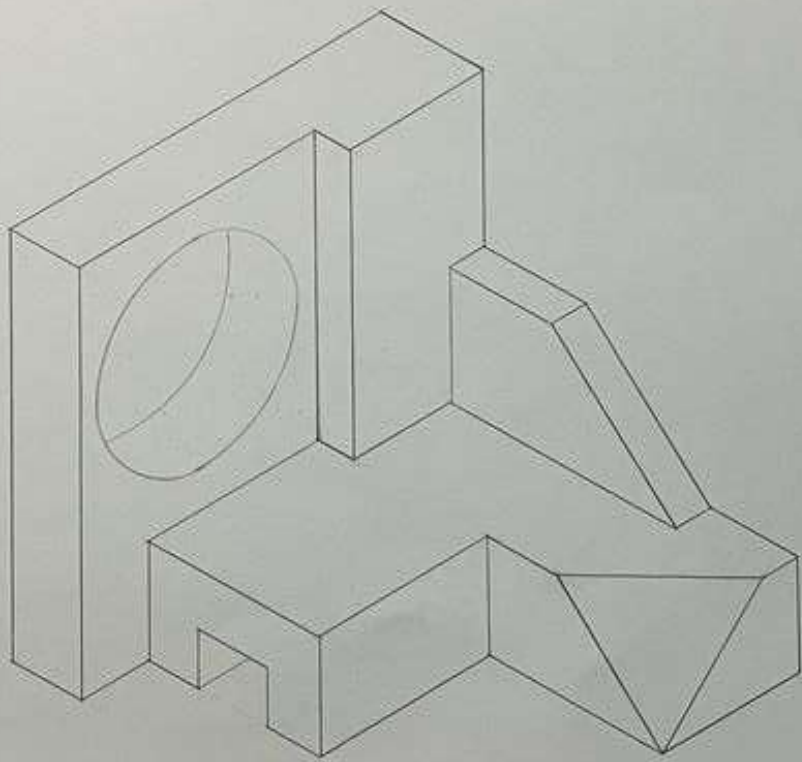


Figure 2, Isometric Question



Faculty of Engineering and Technology
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Engineering Drawing ENME121
Final Exam

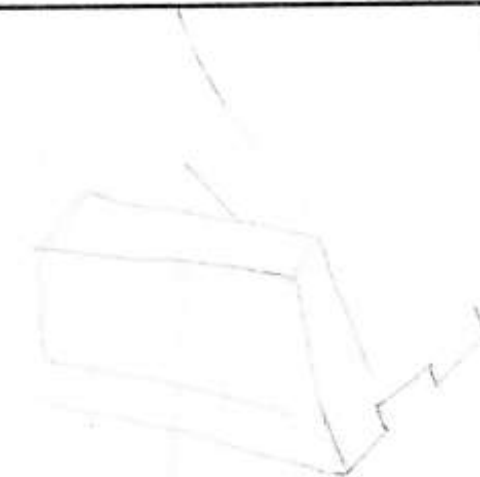
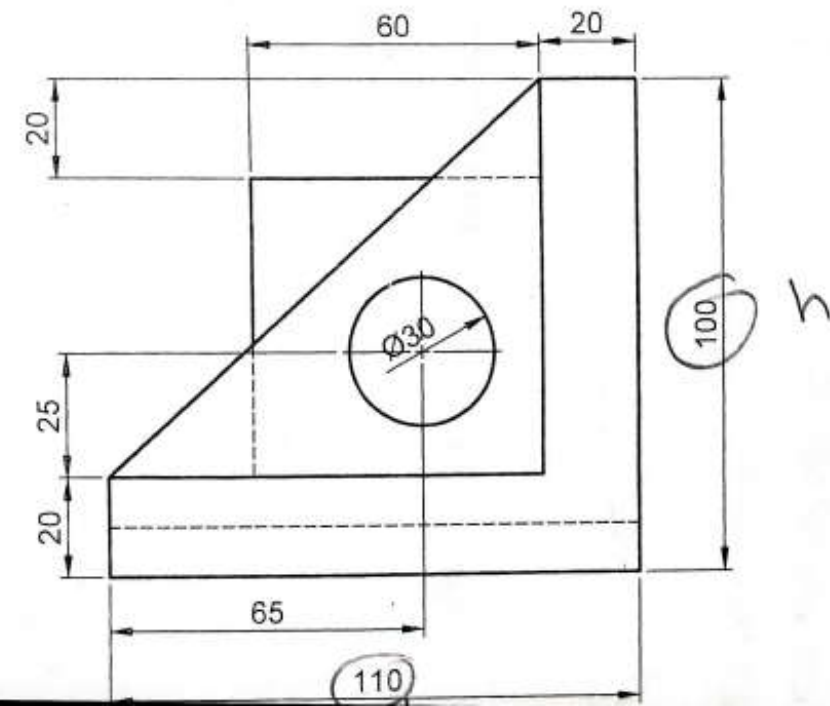
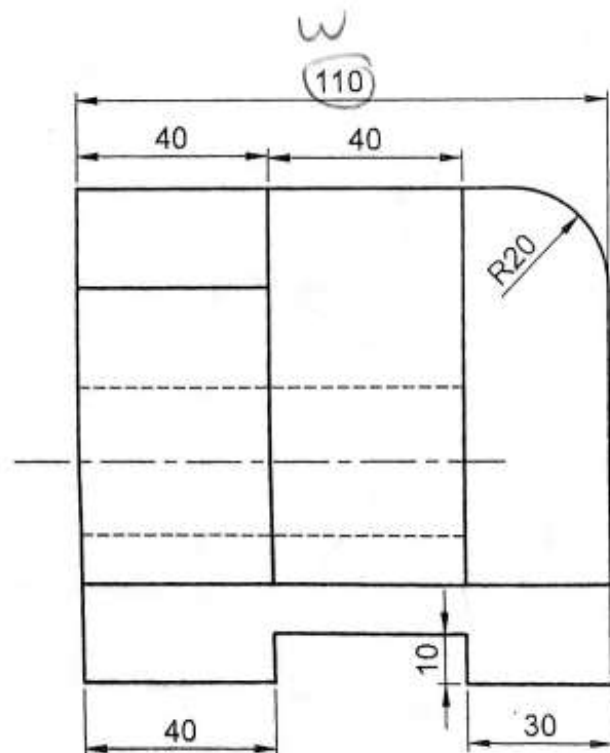
Exam Duration 2:40 Hours

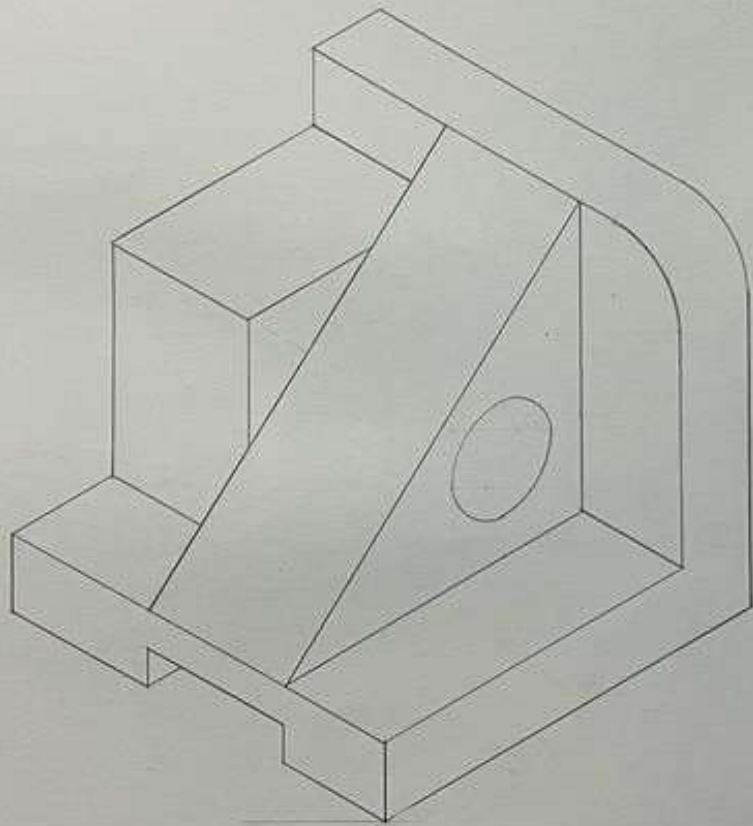
First Semester 2020

Draw the Isometric for the given views.

Notes:

- 1- Dimensions are given in mm.
- 2- Use a Scale of 1:1.
- 3- Start drawing the isometric box from point A (220,30) from the lower left corner.



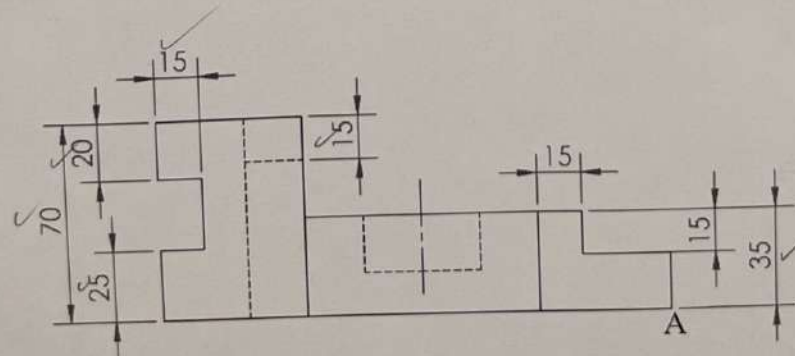
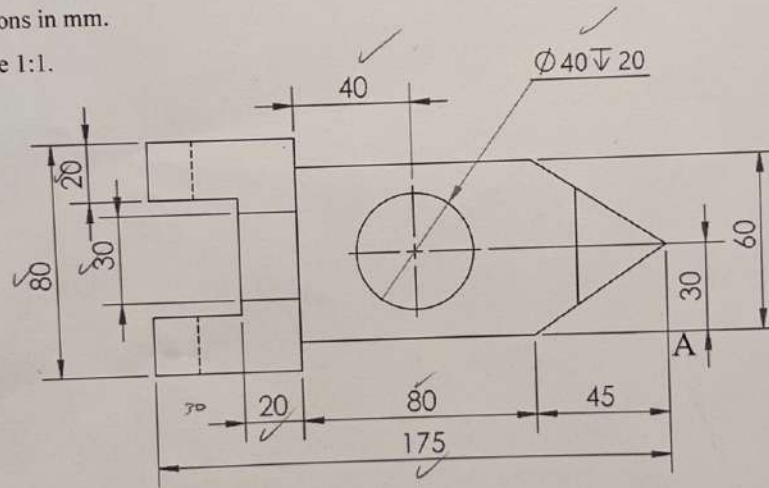


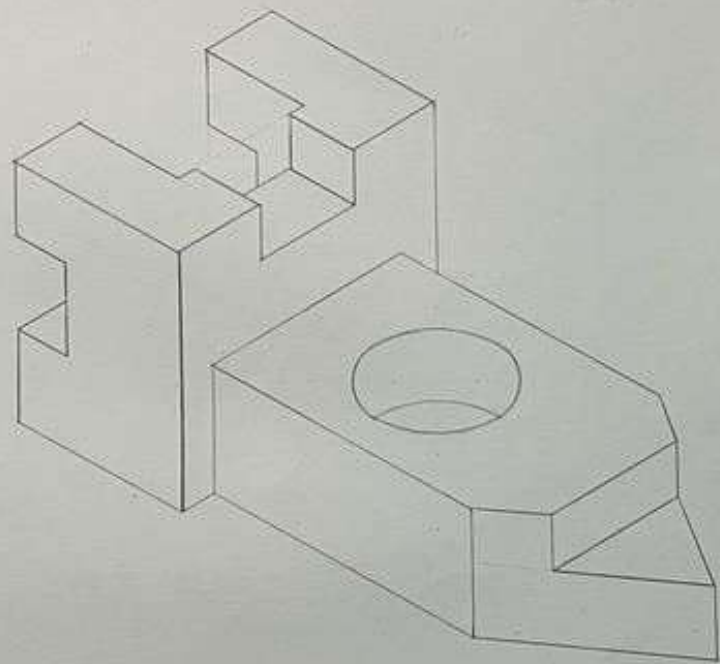
Q1) Given the front and top views, draw the isometric.

Notes:

- Start the box from point A (280,60).
- Dimensions in mm.
- Use scale 1:1.

D: 80
H: 70
W: 175





Department of Mechanical and Mechatronics Engineering
Engineering Drawing NME121
Final Exam

Exam duration: 2:30 Hours

2nd Semester June 2017

Problem #2:

Given the **Front and Right-side views** for an object as shown in figure (2) below, using A3 sheet, draw the **Isometric** to scale **1:1**.

Note: Dimensions are given in Metric (mm).

Start drawing the **Isometric Box** from point A (260,40) from the lower left corner.

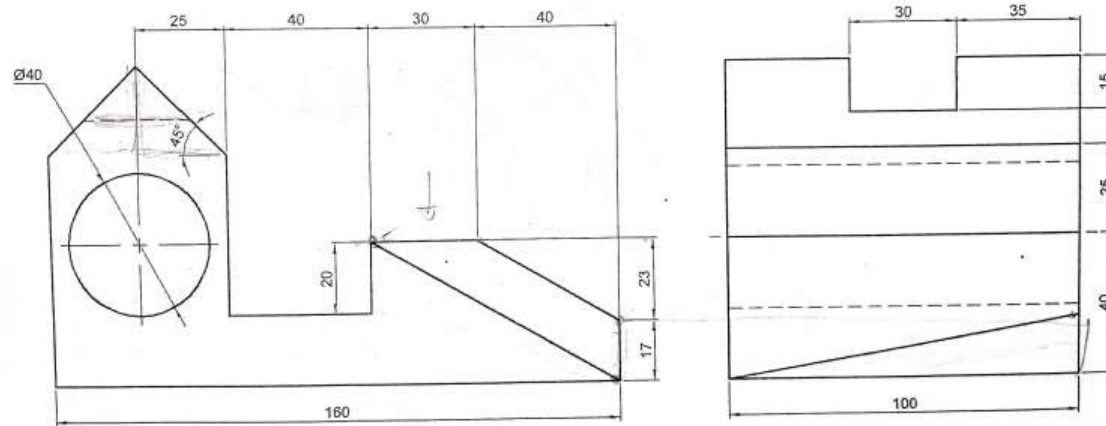


Figure (2)

$w = 160$

$h = 90$

$d = 100$

