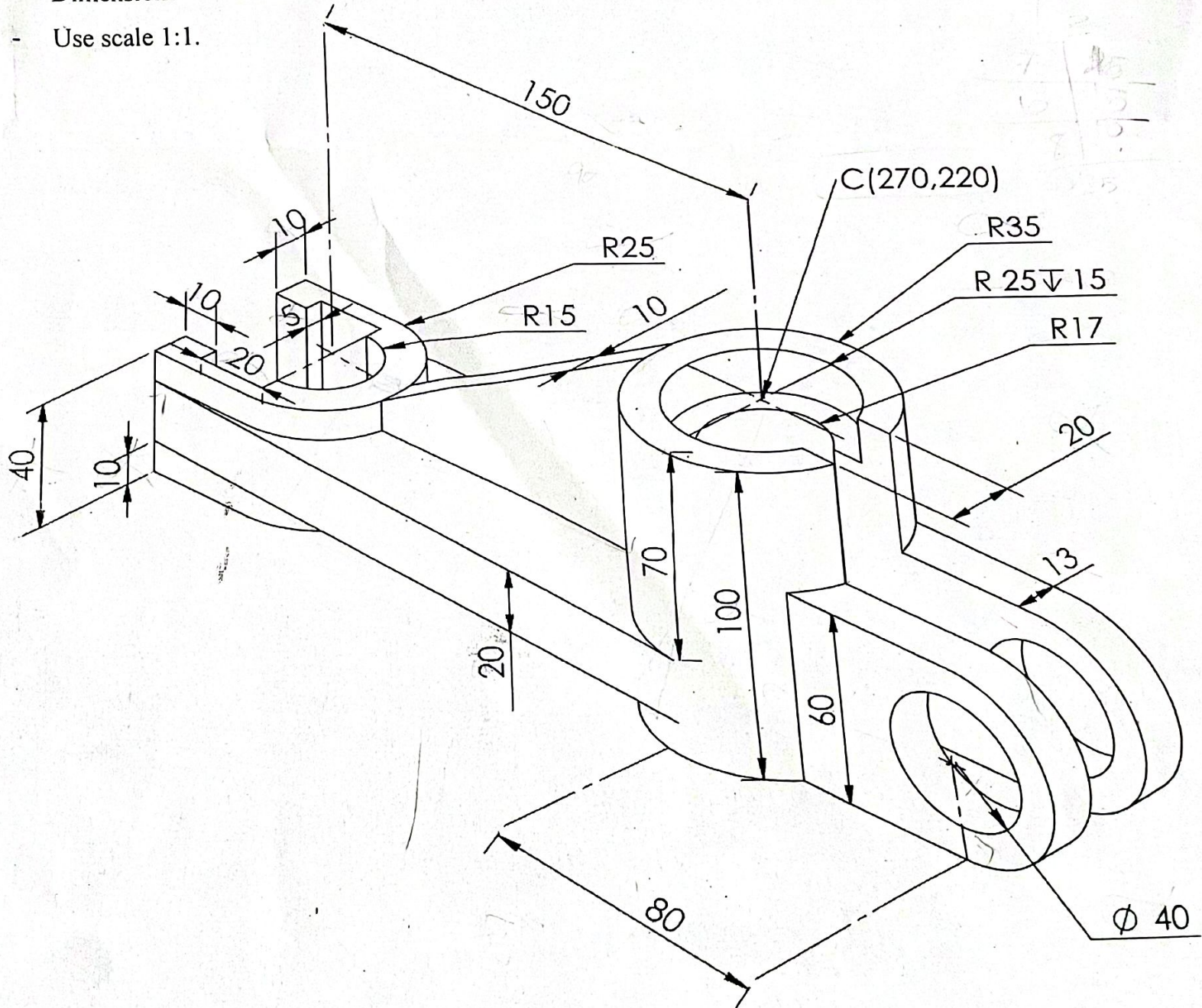
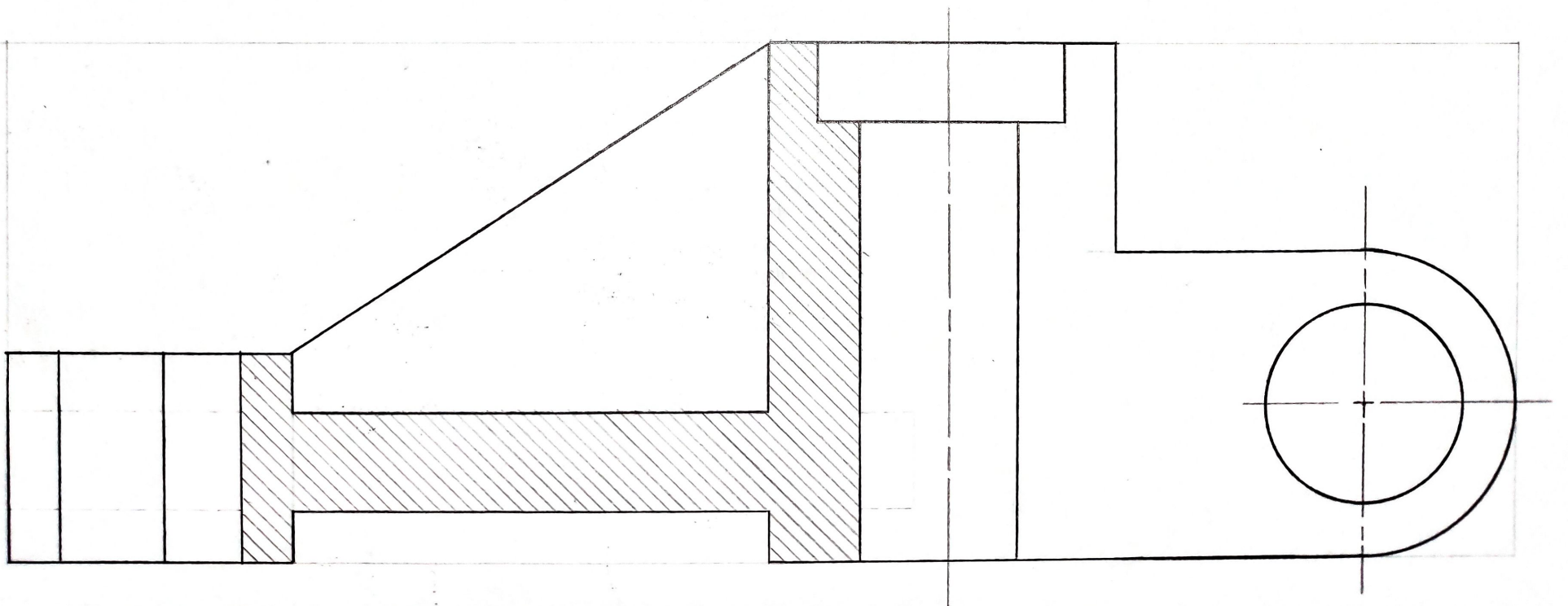
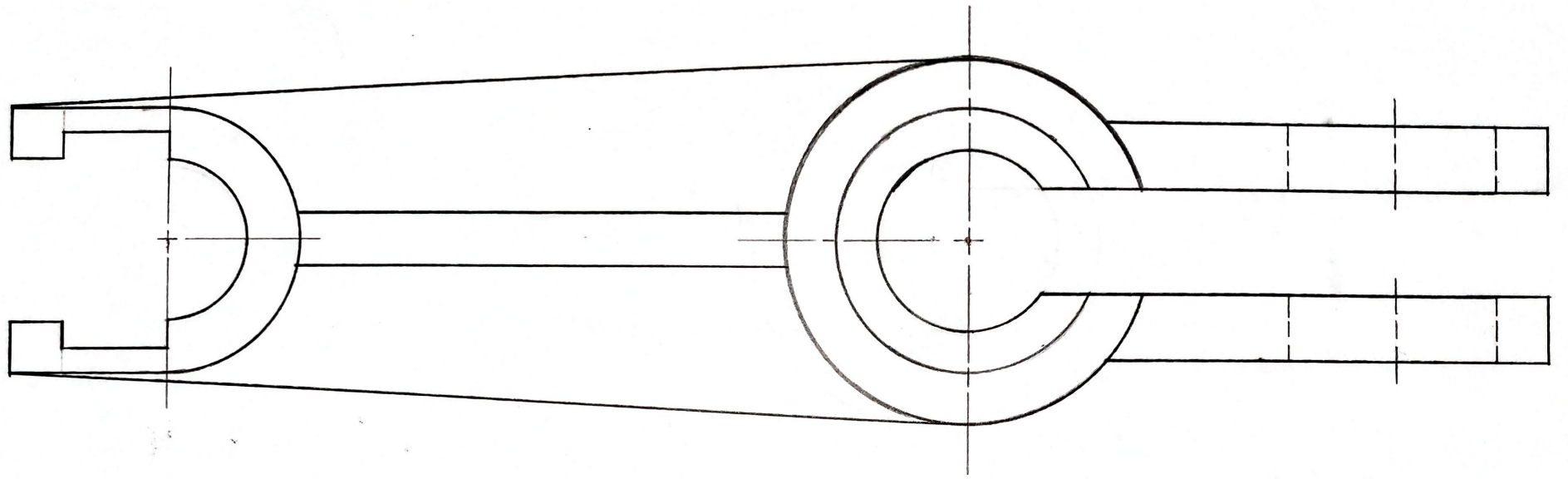


- Start from point C (270,220) in the top view, Distance between Top and Front view $y = 43$ mm.
- Dimensions are in mm.
- Use scale 1:1.

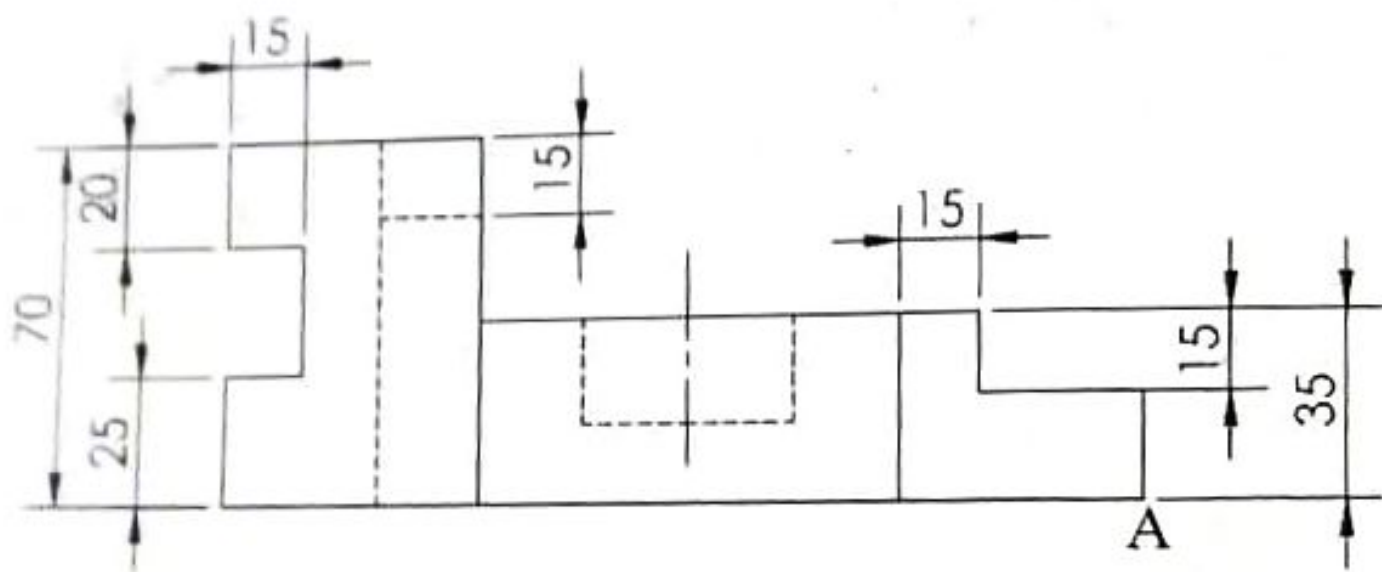
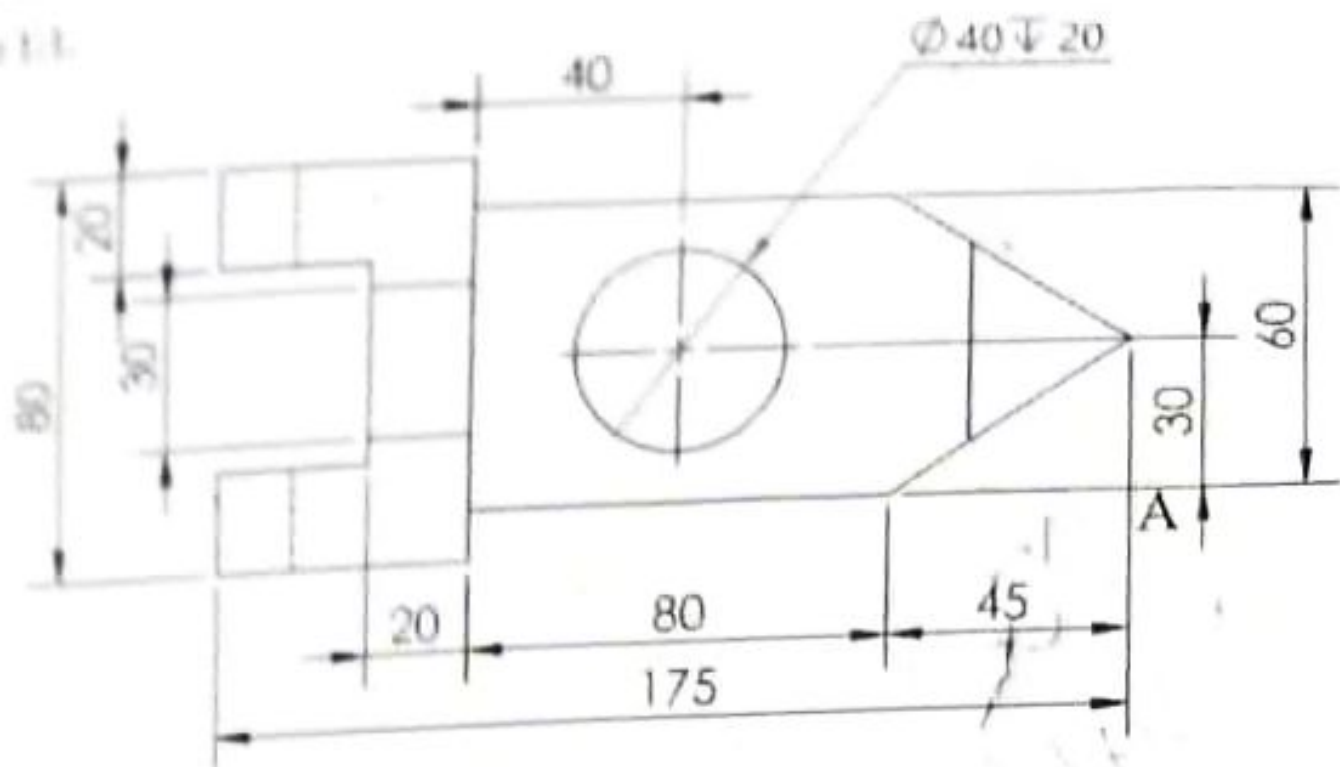


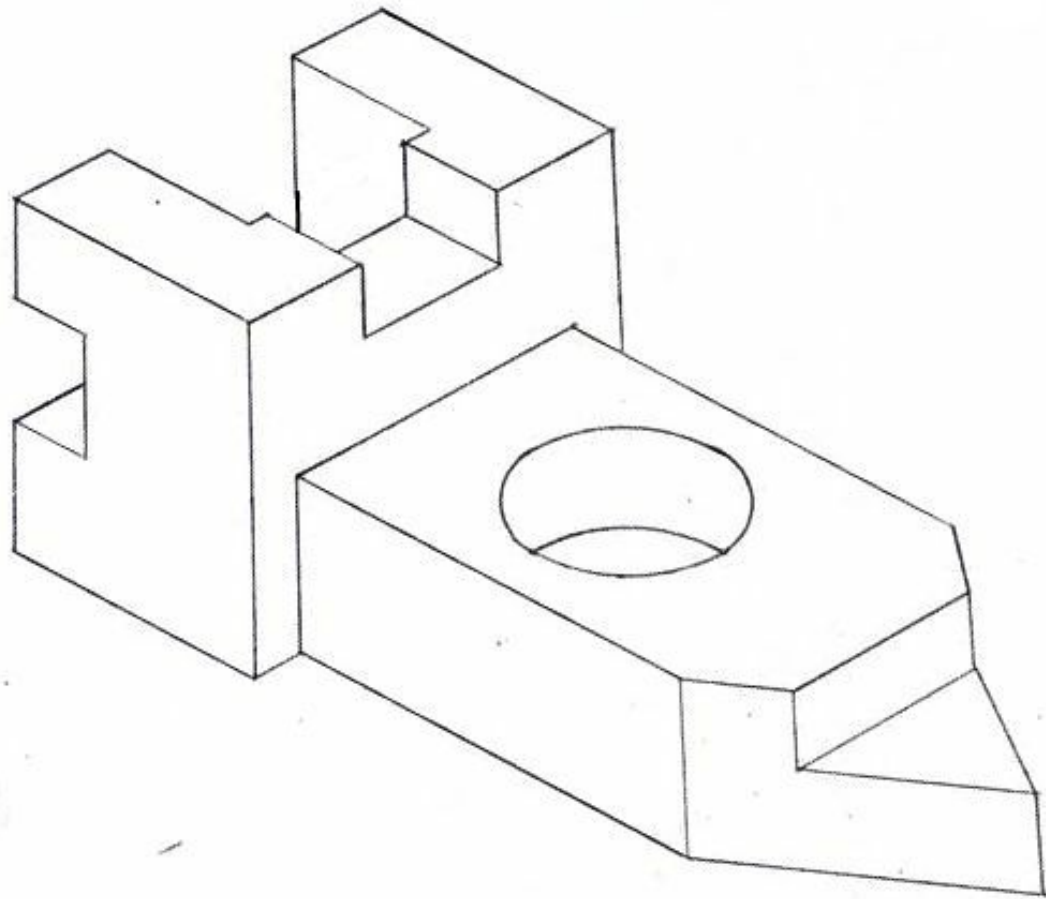


Part the Disk from point A continuously.

Dimensions are in mm.

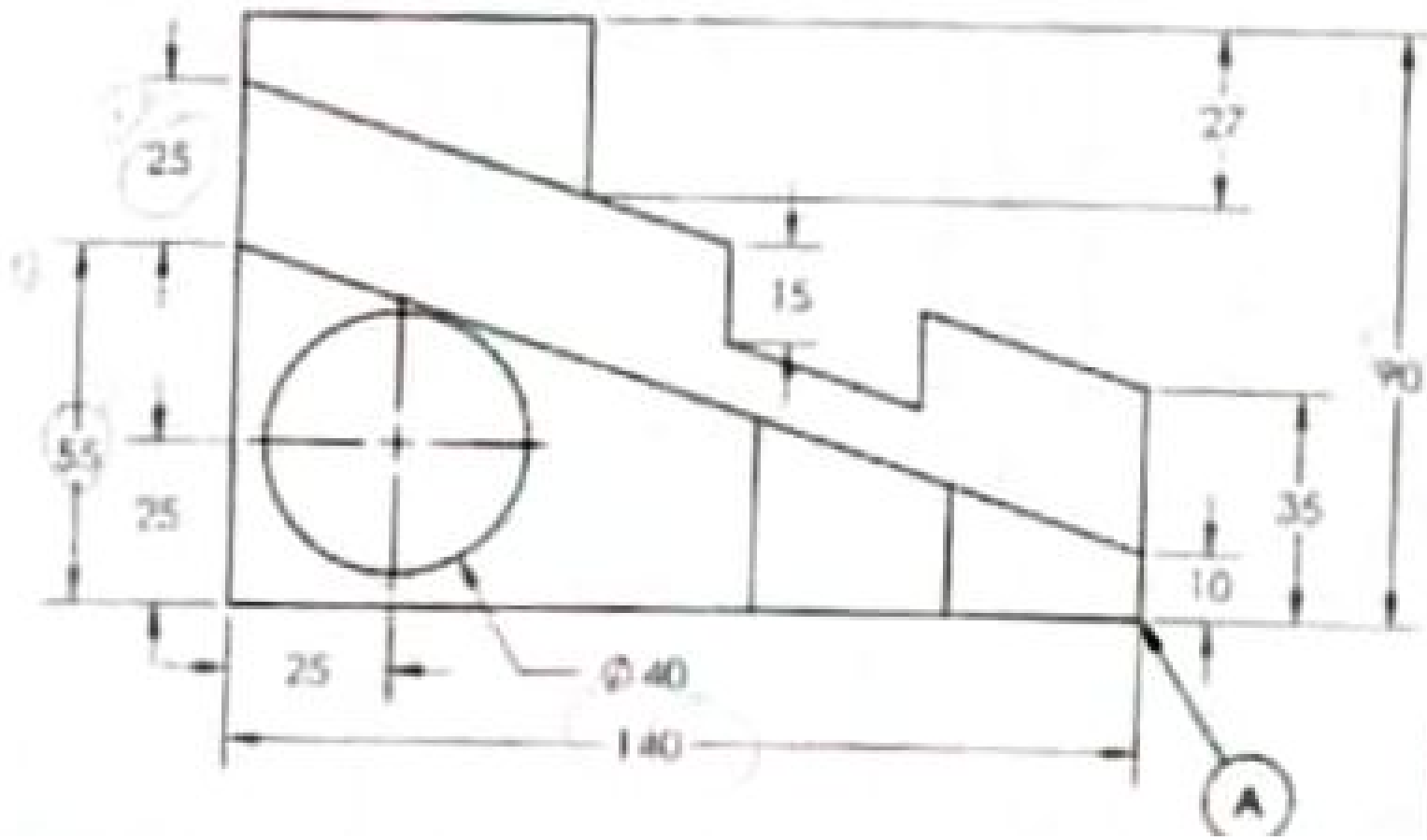
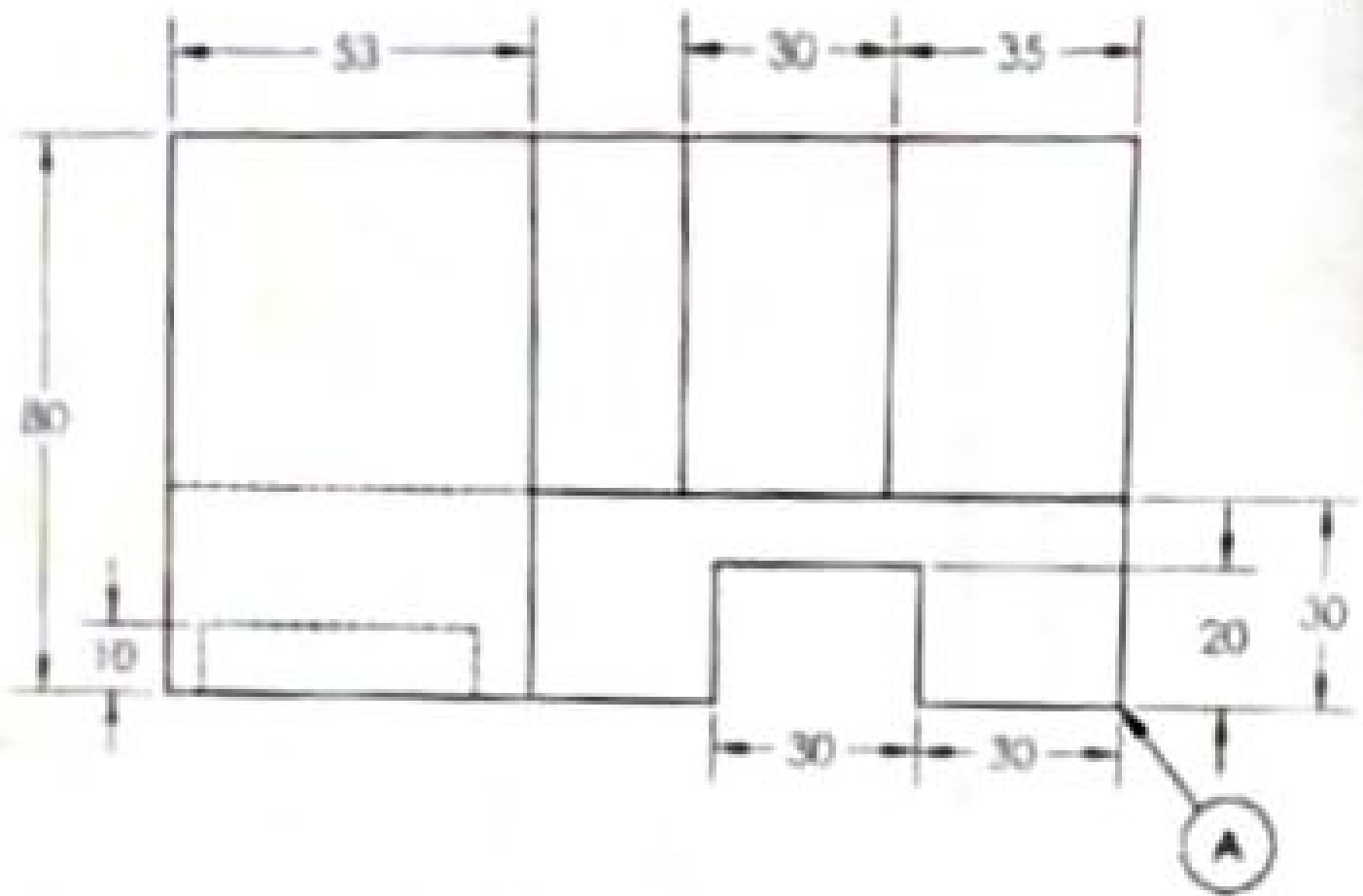
Scale 1:1.

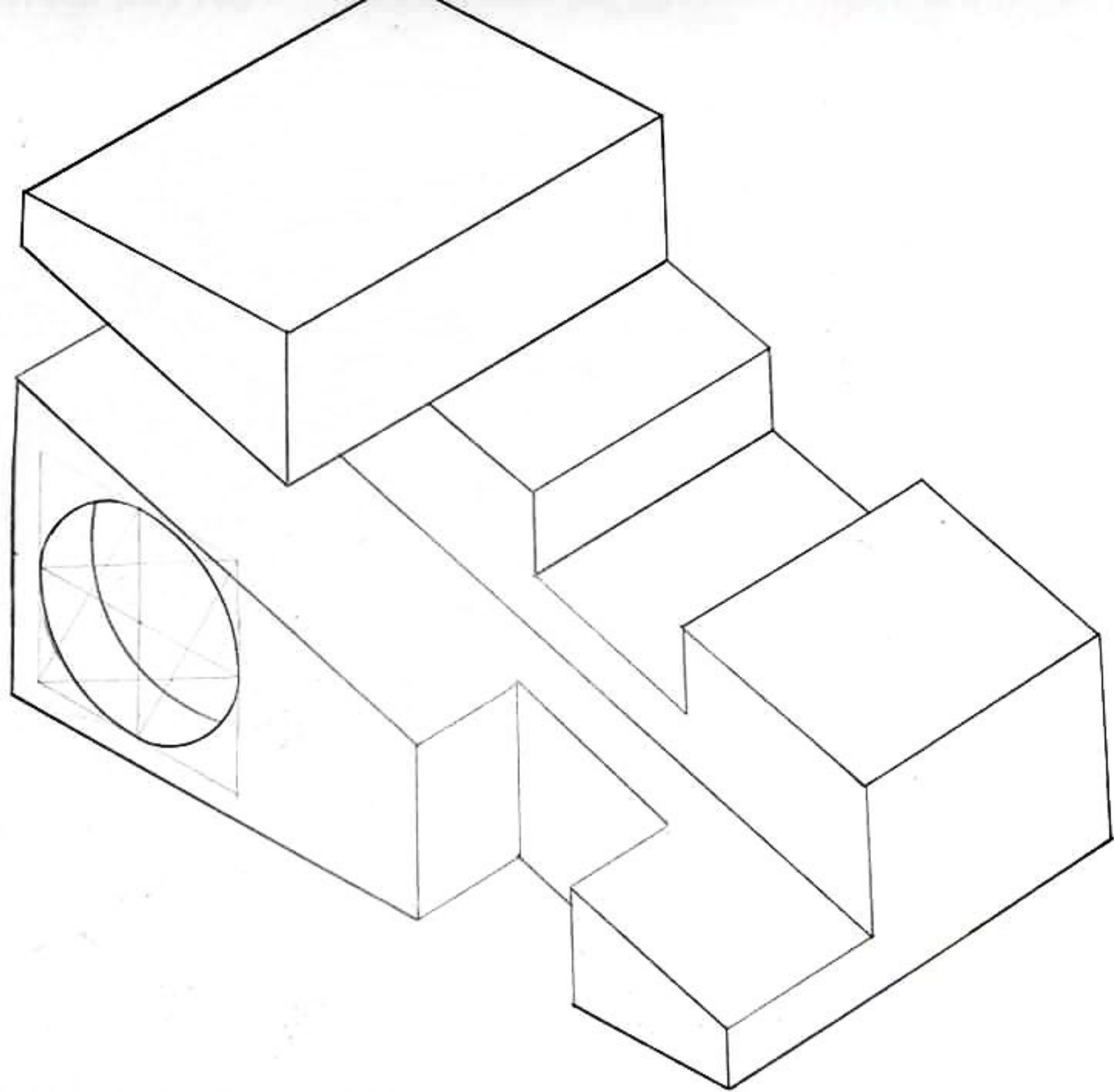




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(220, 40)





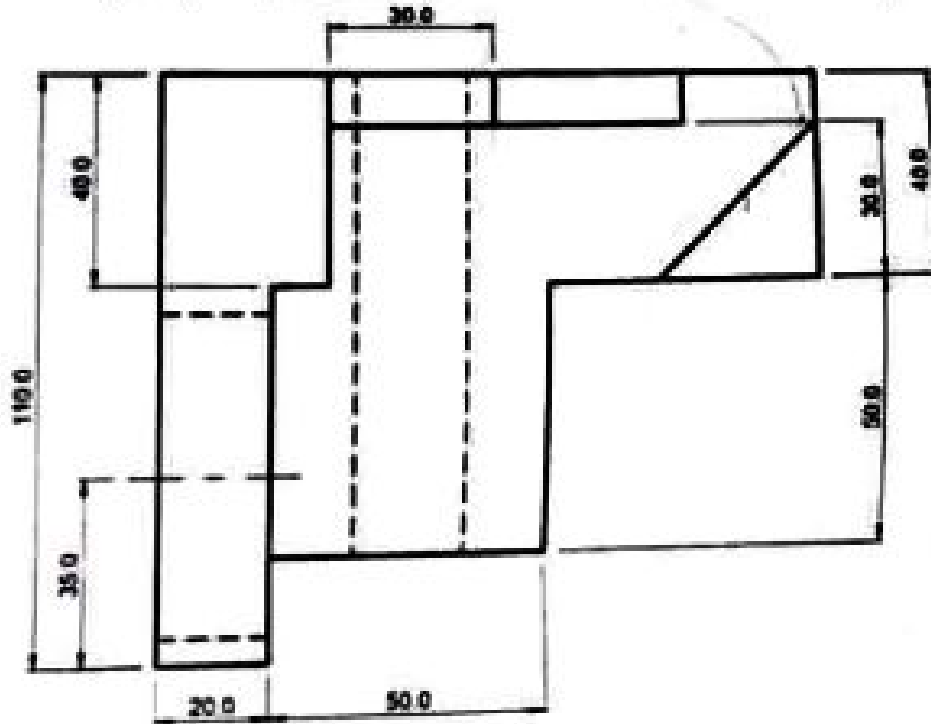
Q1) Draw the Isometric projection for the Front and Top views of the object shown in Figure (2):

Note:

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

1

TOP VIEW



FRONT VIEW

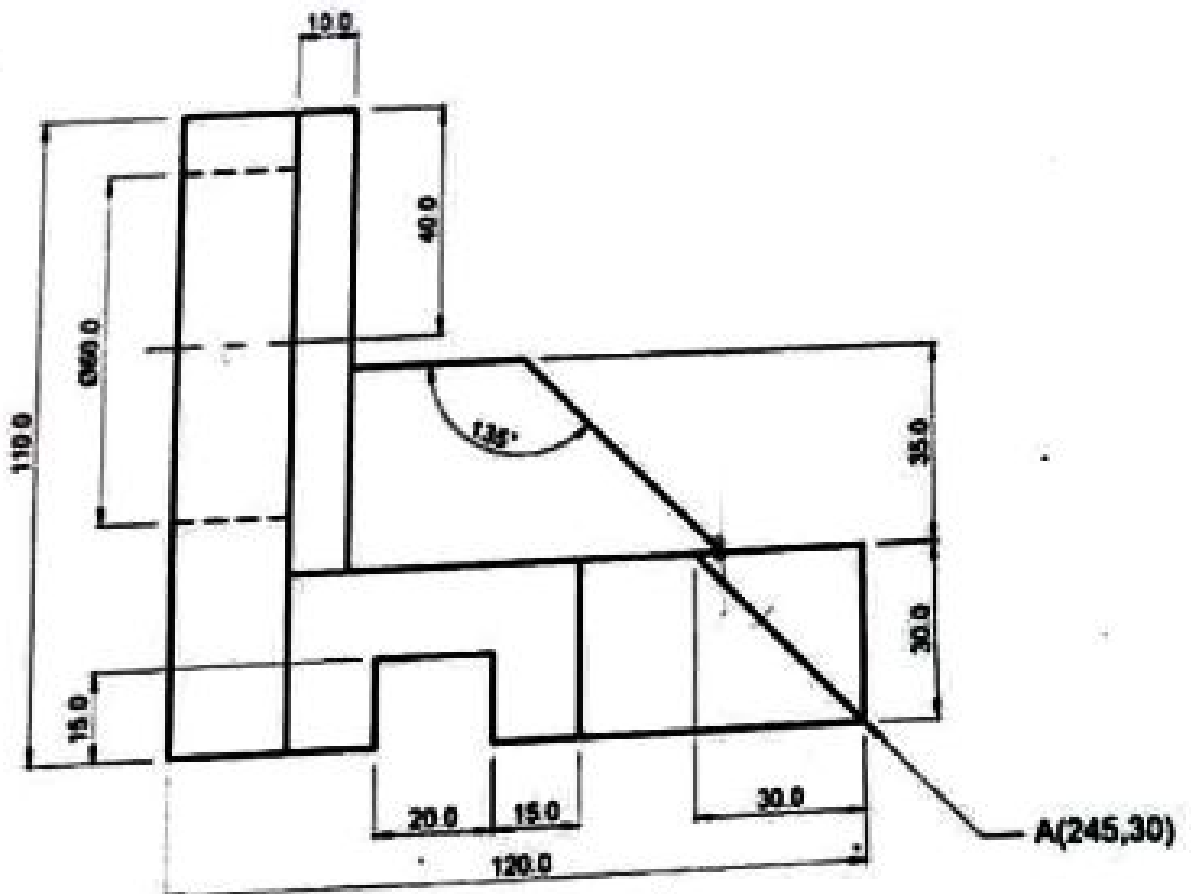
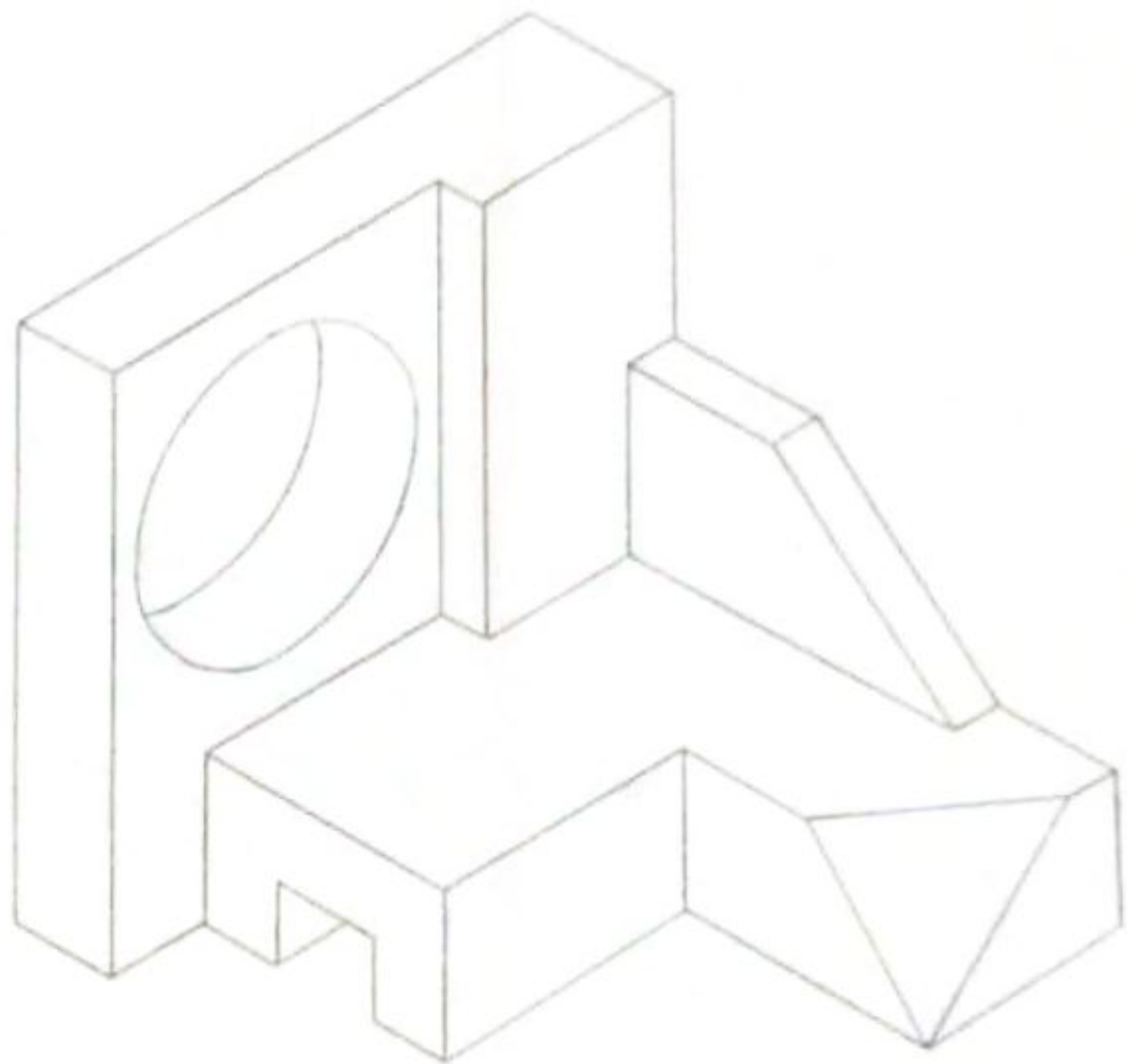
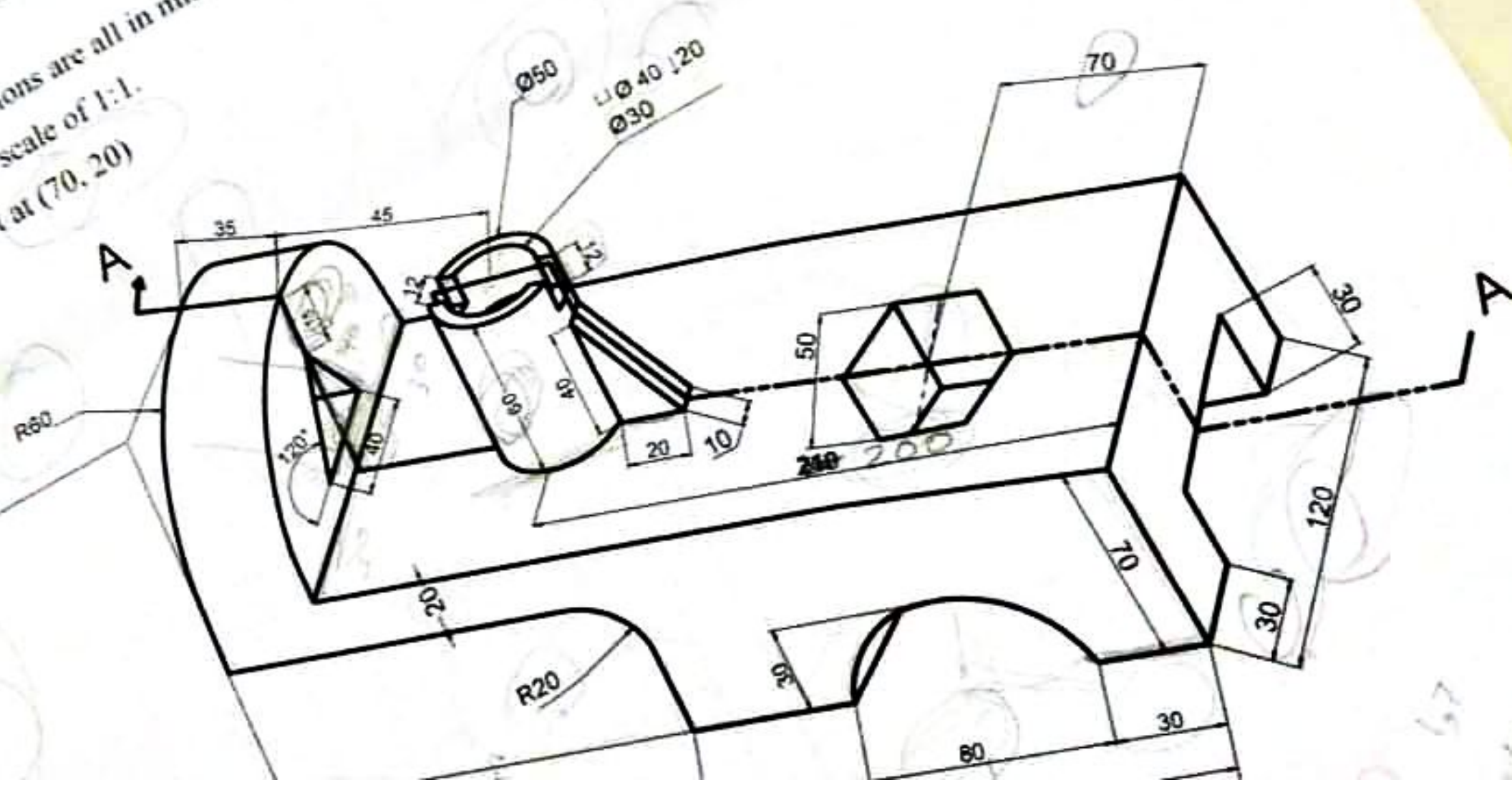
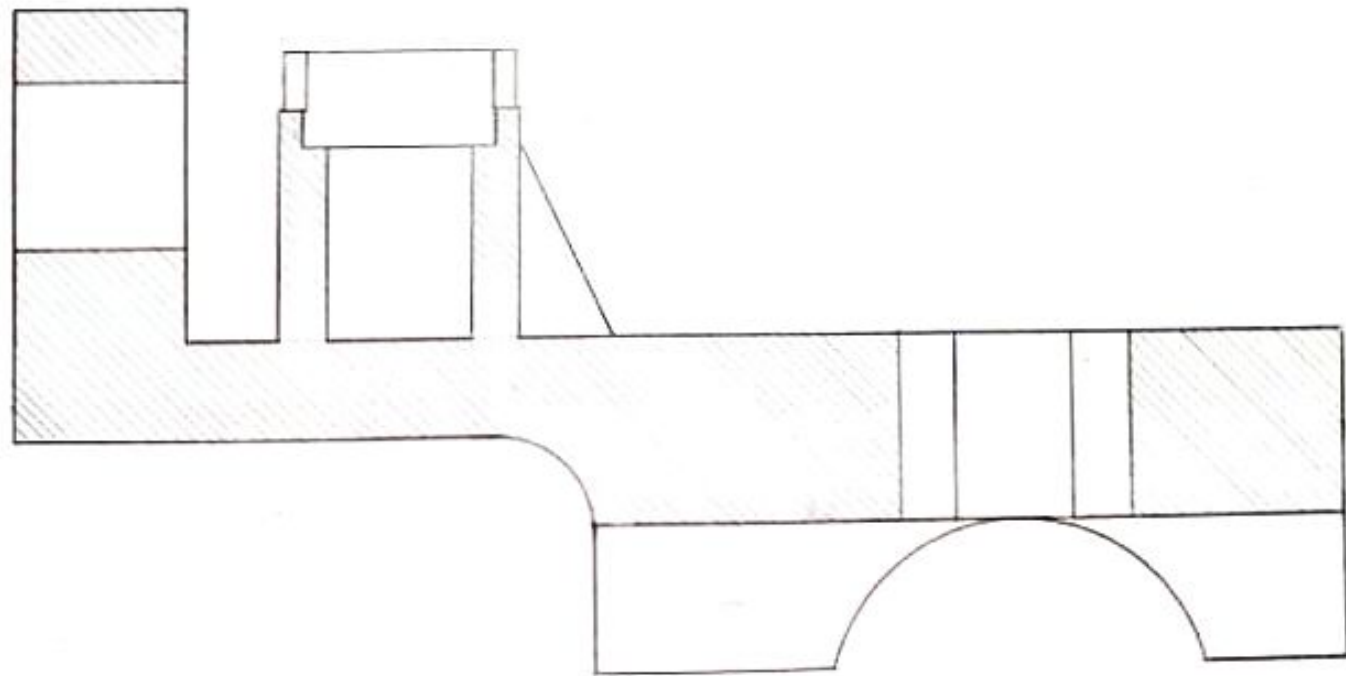
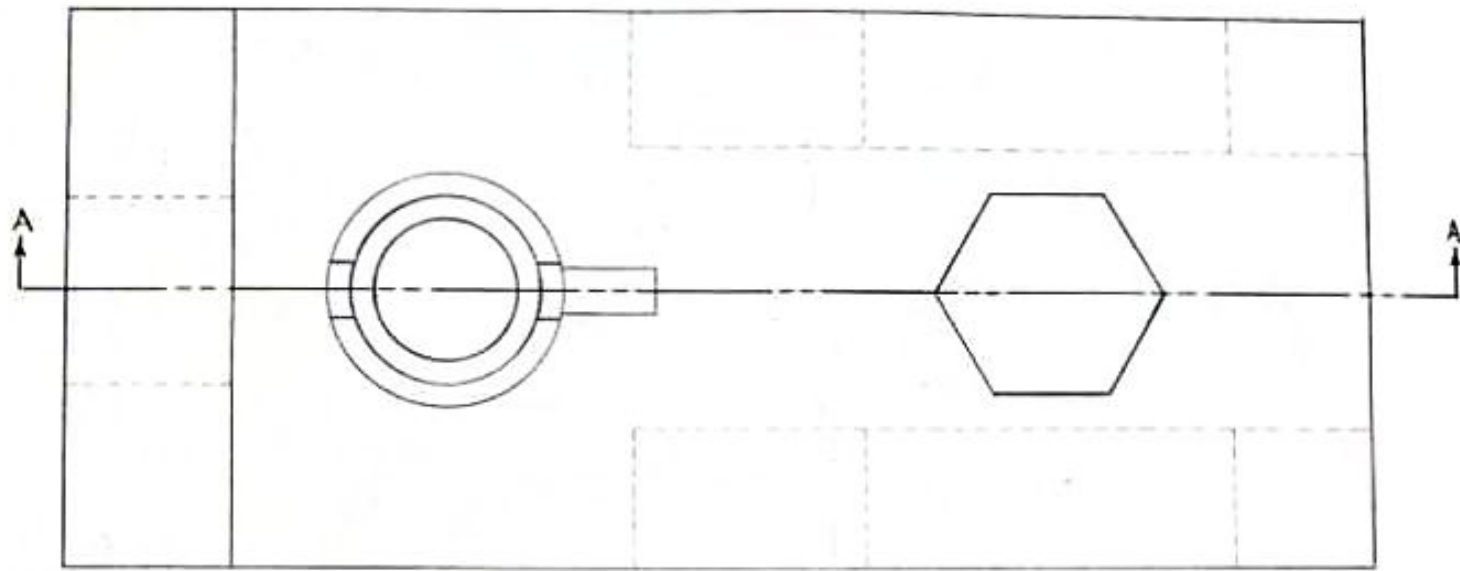


Figure 2, Isometric Question

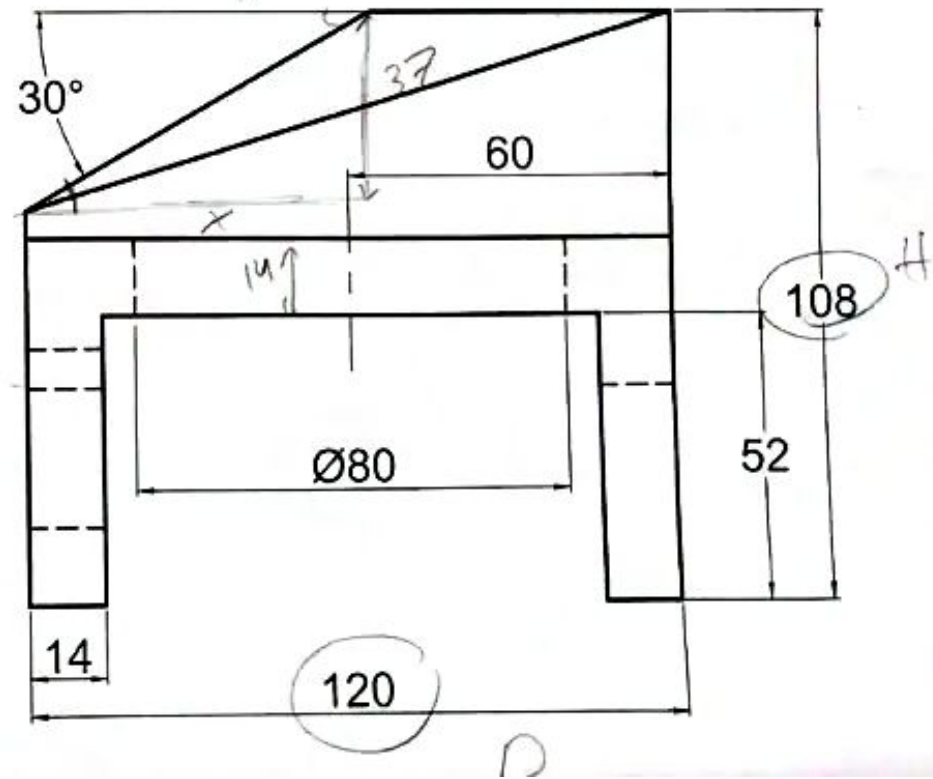
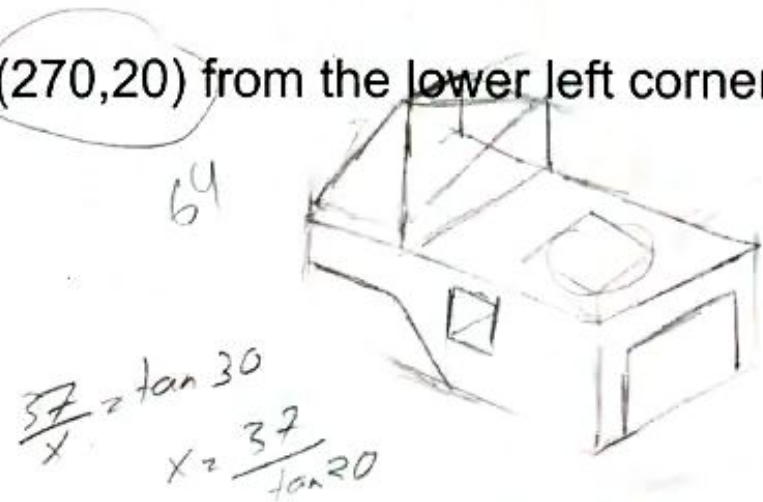
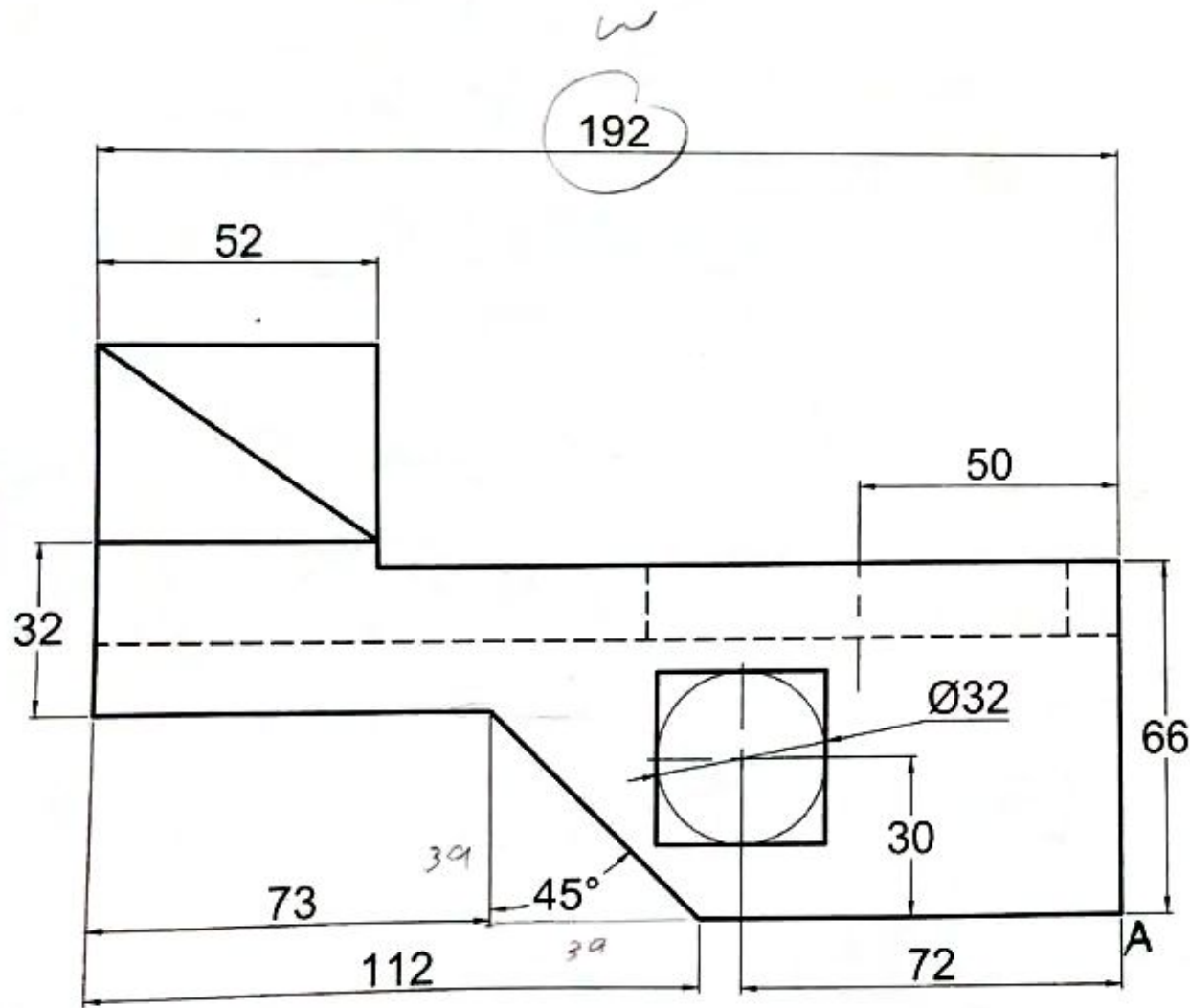


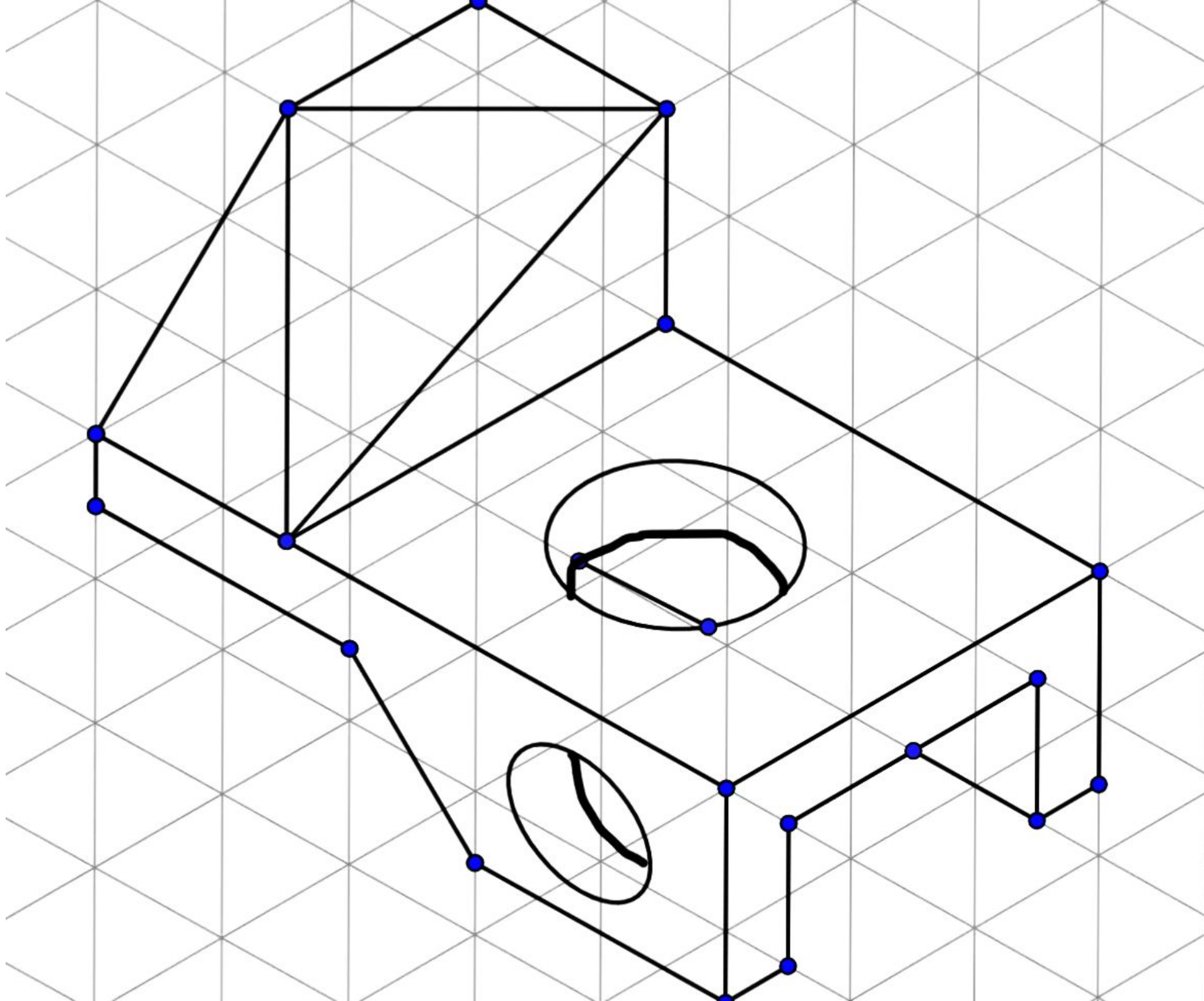
Dimensions are all in mm.
Use a scale of 1:1.
Start at (70, 20)





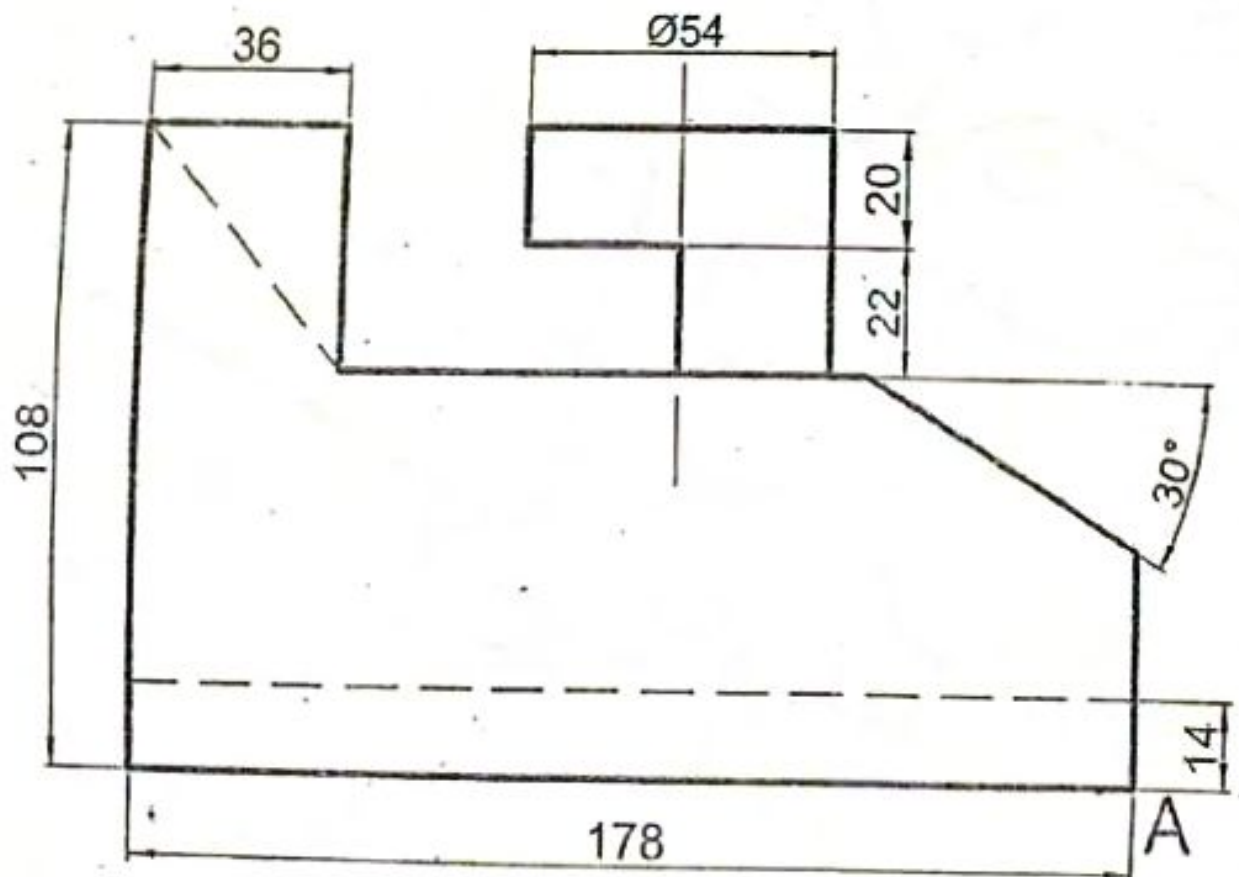
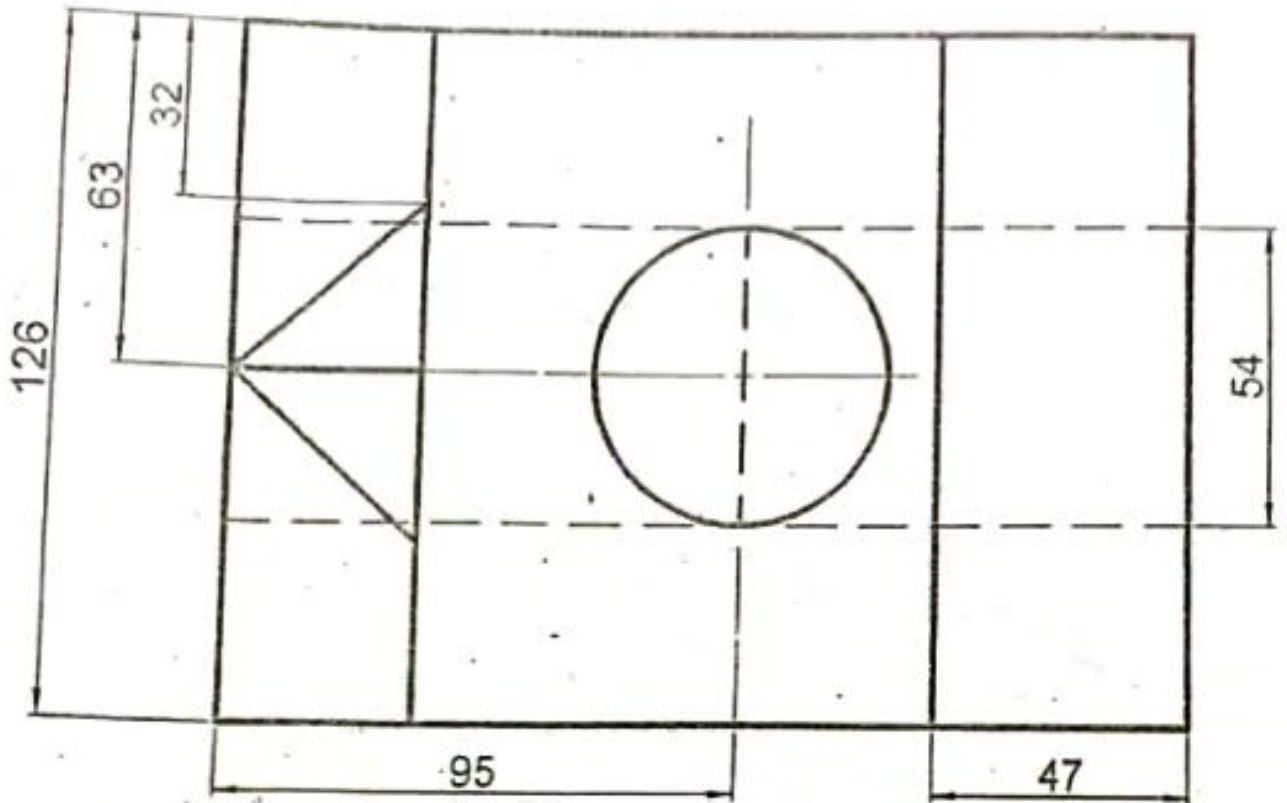
- Dimensions are all in mm.
- Use a scale of 1:1.
- Start drawing the isometric box from point A (270,20) from the lower left corner

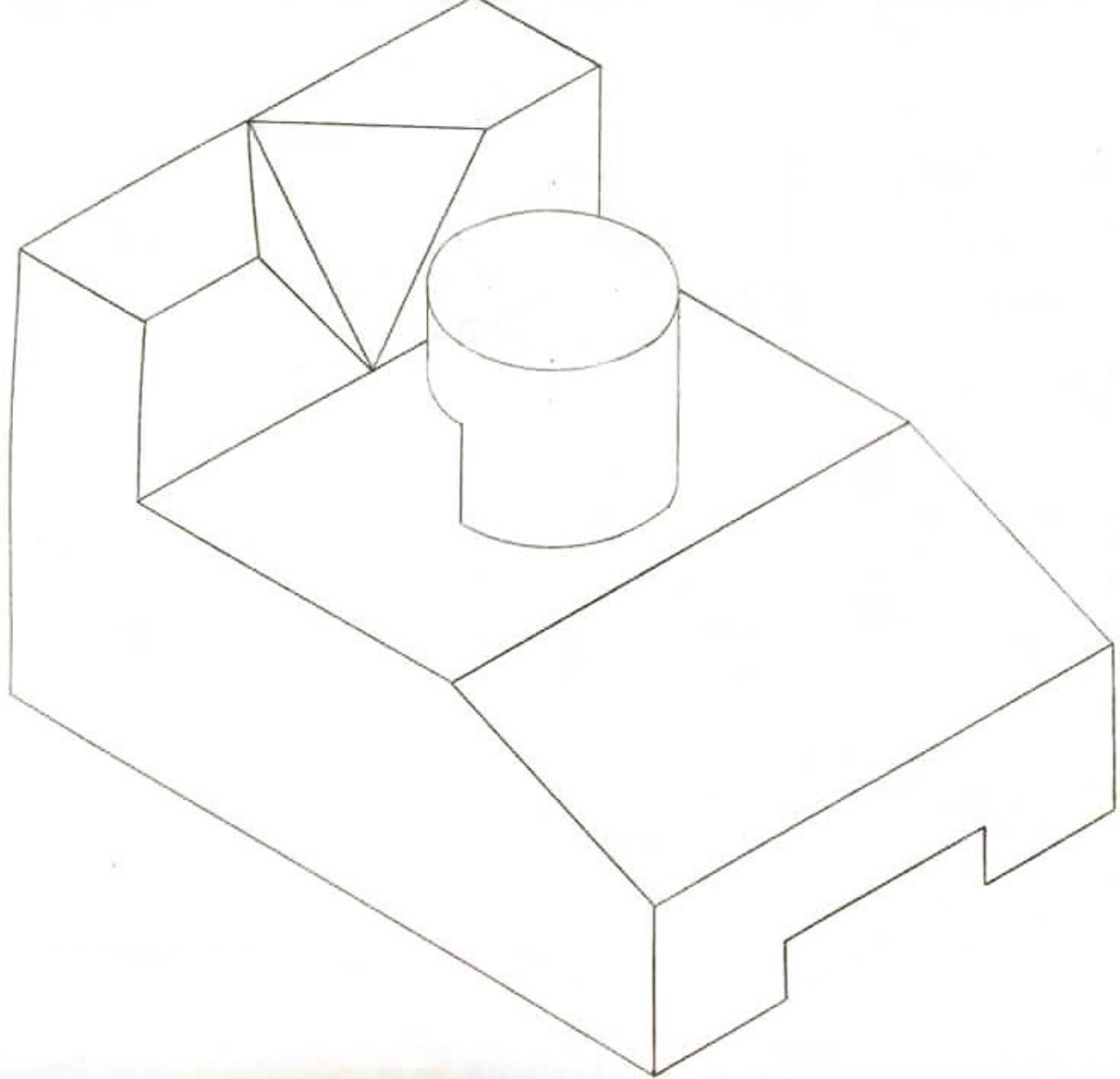




Problem#2: Given the top and front view of a bracket as shown in Figure (2) below.
Using A3 sheet, draw the *isometric* to scale 1:1.

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





Problem #2:

Given the Front and Right side 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 at **point A (270, 50)** from the lower left corner

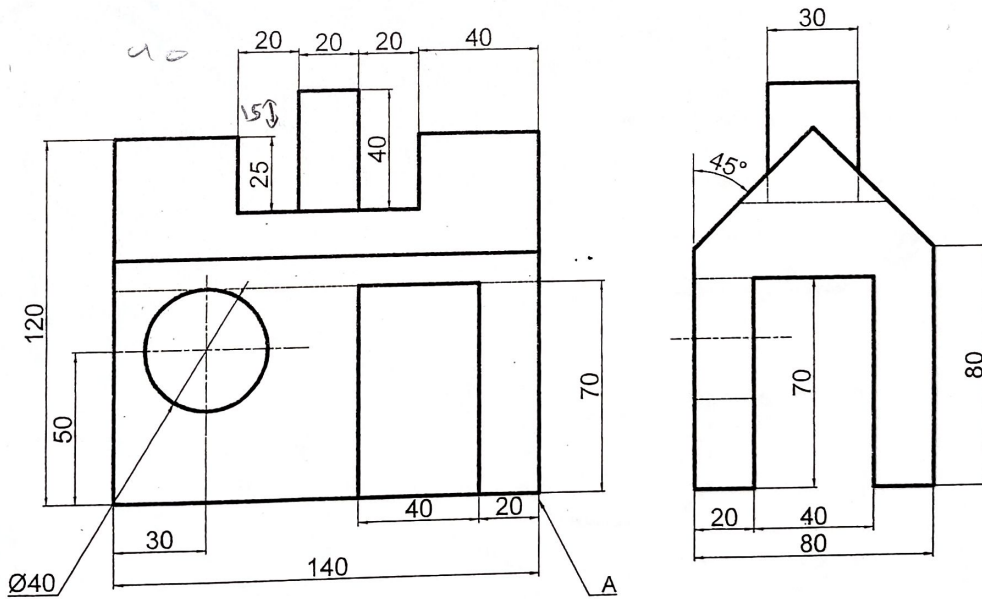
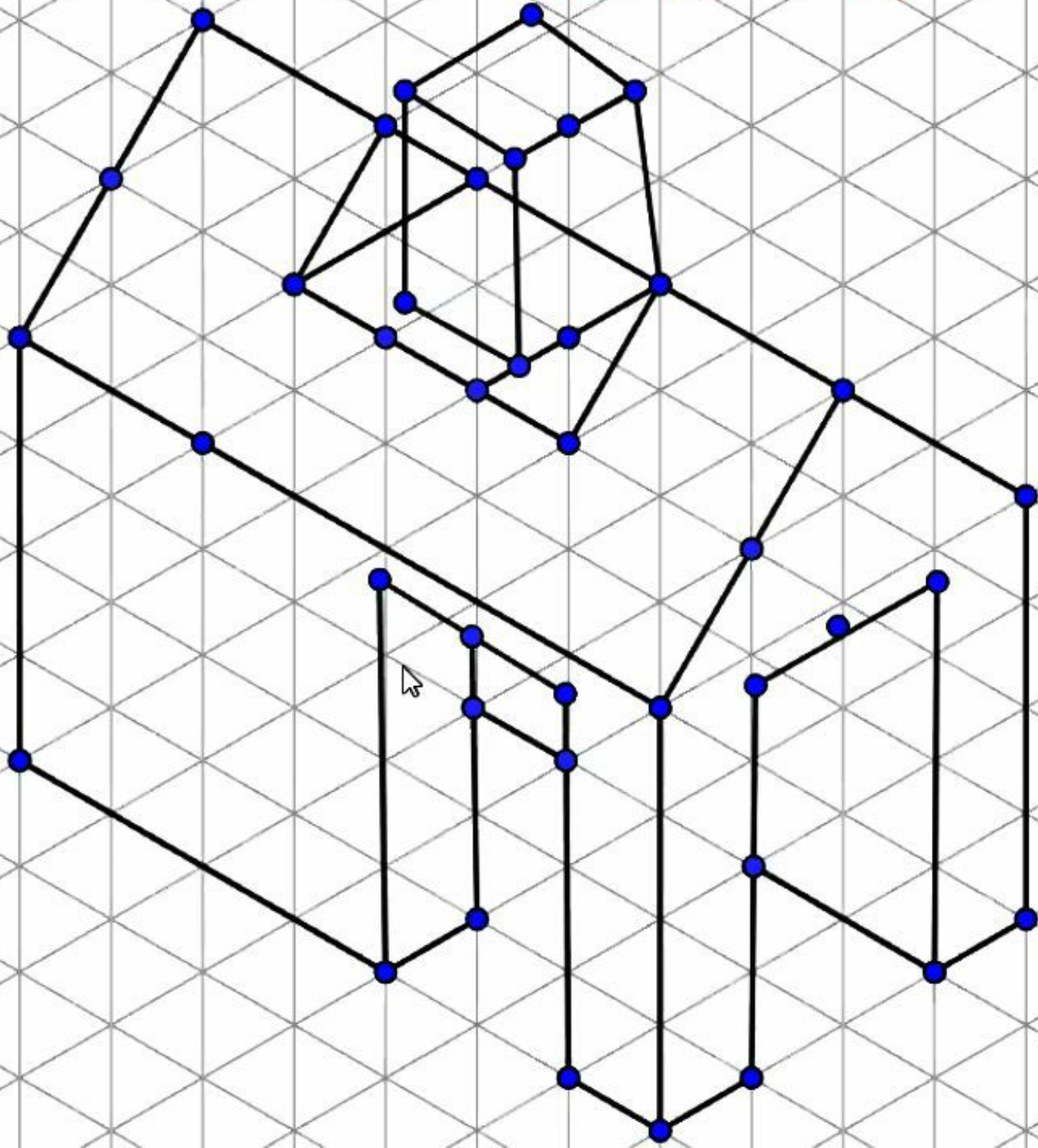


Figure 2

Good Luck :)

$w = 140$
 $h = 135$
 $d = 80$

مشروحة بفيديو اسمه مراجعة فاينل 2022



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.

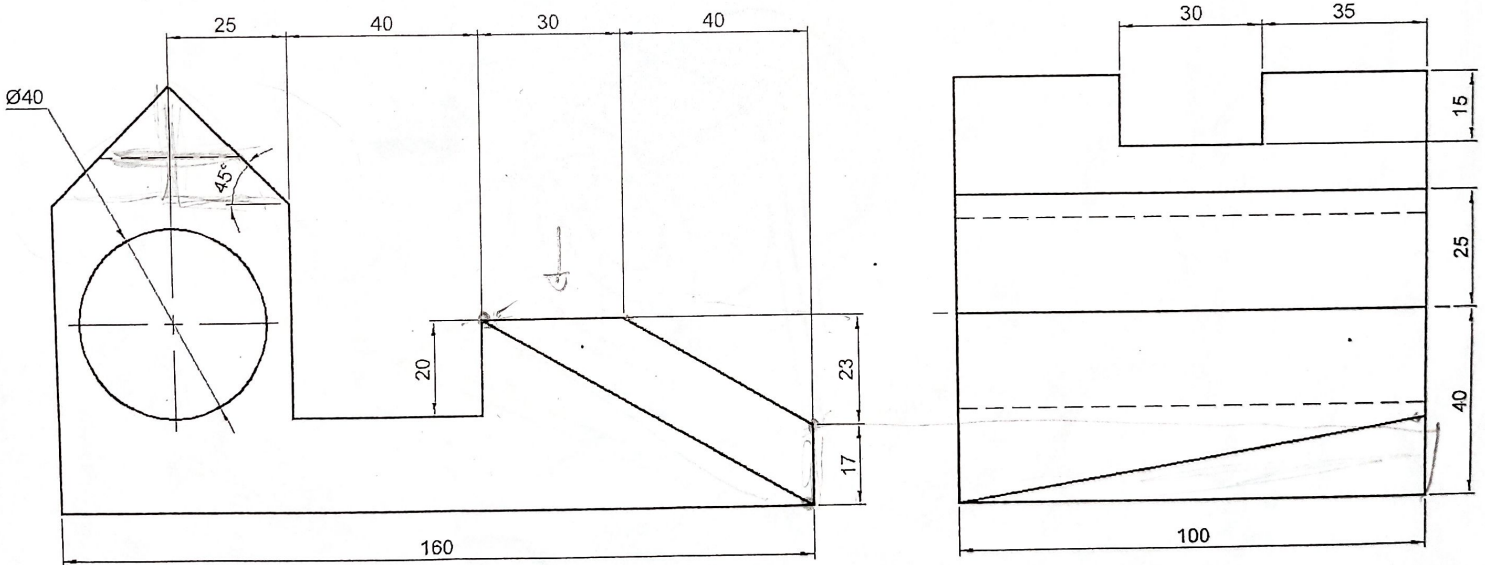


Figure (2)

$w = 160$

$h = 90$

$d = 100$

Department of Mechanical and Mechatronics
Engineering
Engineering Drawing ENME121
Final Exam

Exam duration: 2:40 Hours

1st Semester 2020

Problem #1:

Given the isometric shown in Figure (1), draw the following views:

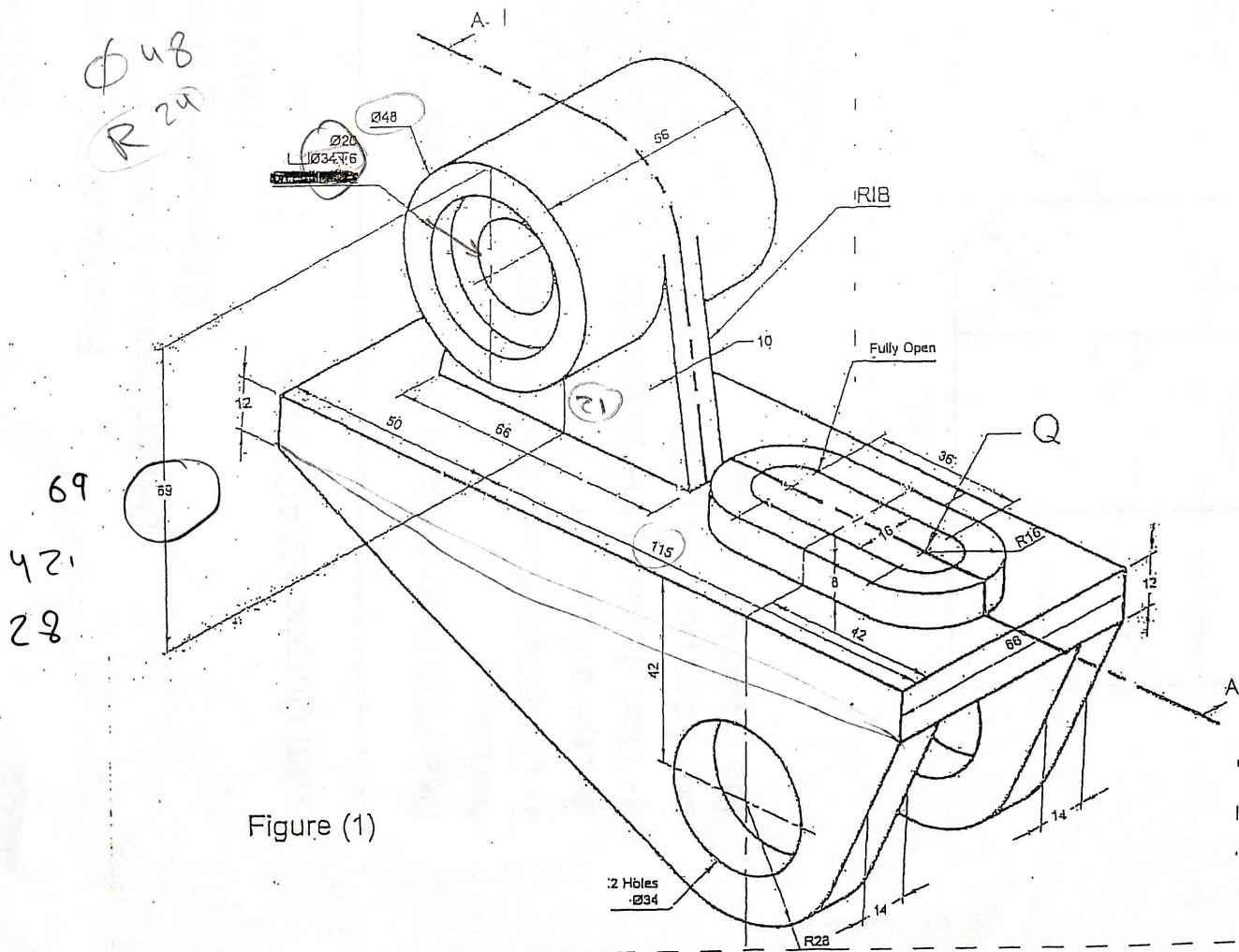
- a) The Top view.
- b) The Front view in Full Section A-A.

Note:

Dimensions are given in mm.

Use a scale of 1:1.

Start the Top view at point O (270,230) mm from the lower left corner. and the distance between views Y=45 mm.



Faculty of Engineering and Technology
Department of Mechanical and Mechatronics Engineering
Engineering Drawing ENME121
Final Exam

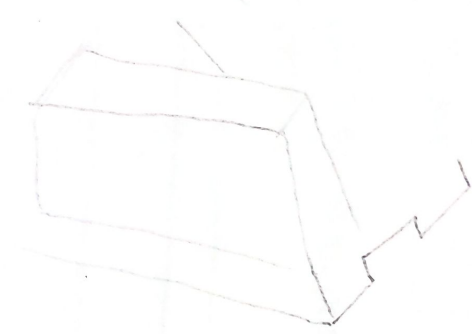
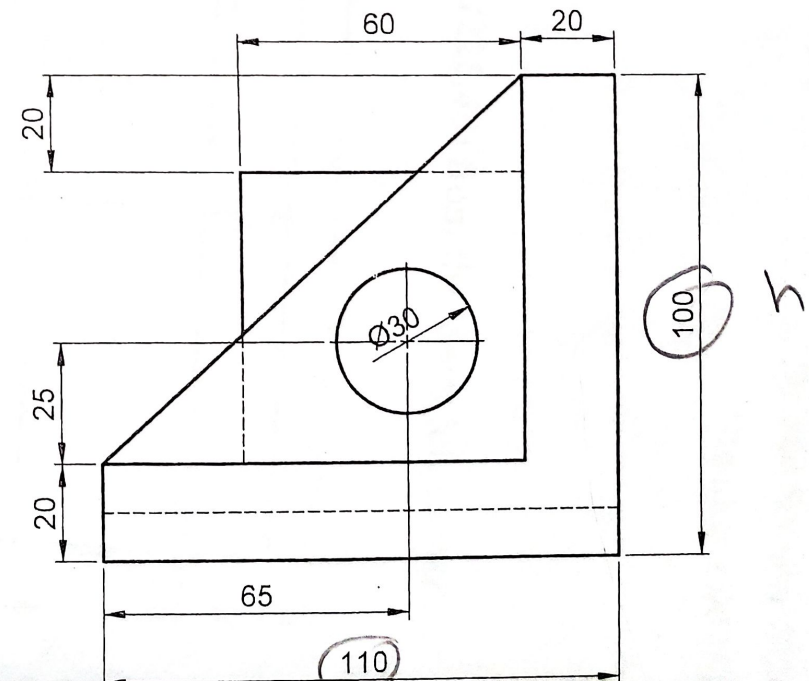
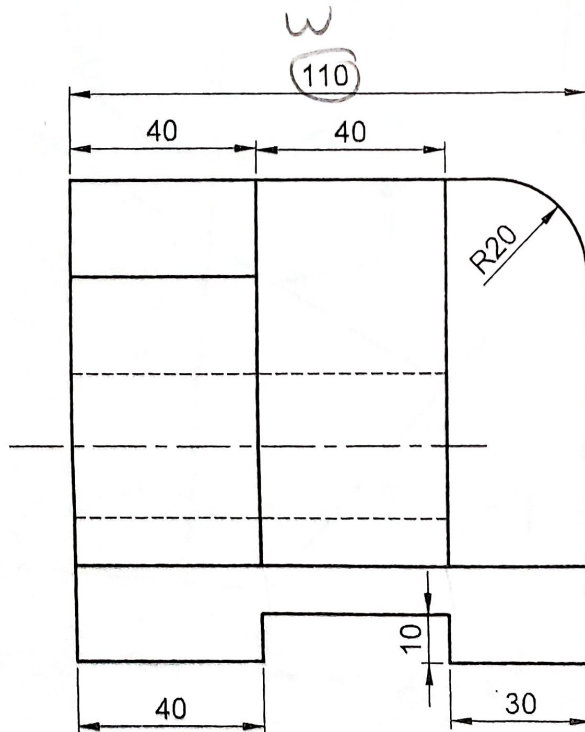
Exam Duration 2:40 Hours

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.



Faculty of Engineering
Department of Mechanical Engineering and Mechatronics
Engineering Drawing ENME121

Final Exam

Second Semester 2020/2021

Duration 2:40 Hours

Draw the Isometric for the given views.

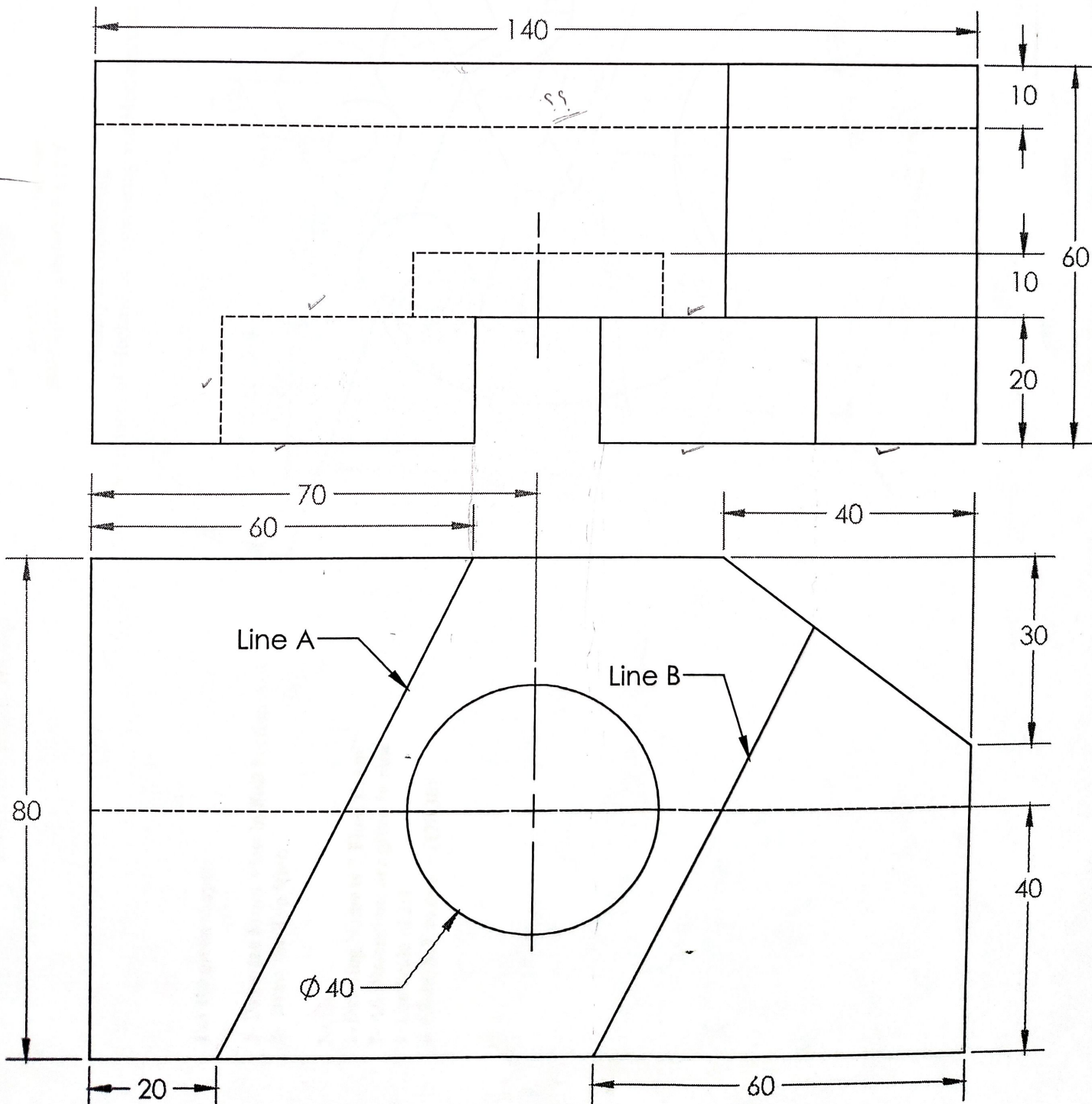
Notes:

1- Dimensions are given in mm.

2- Use a Scale of 1:1.

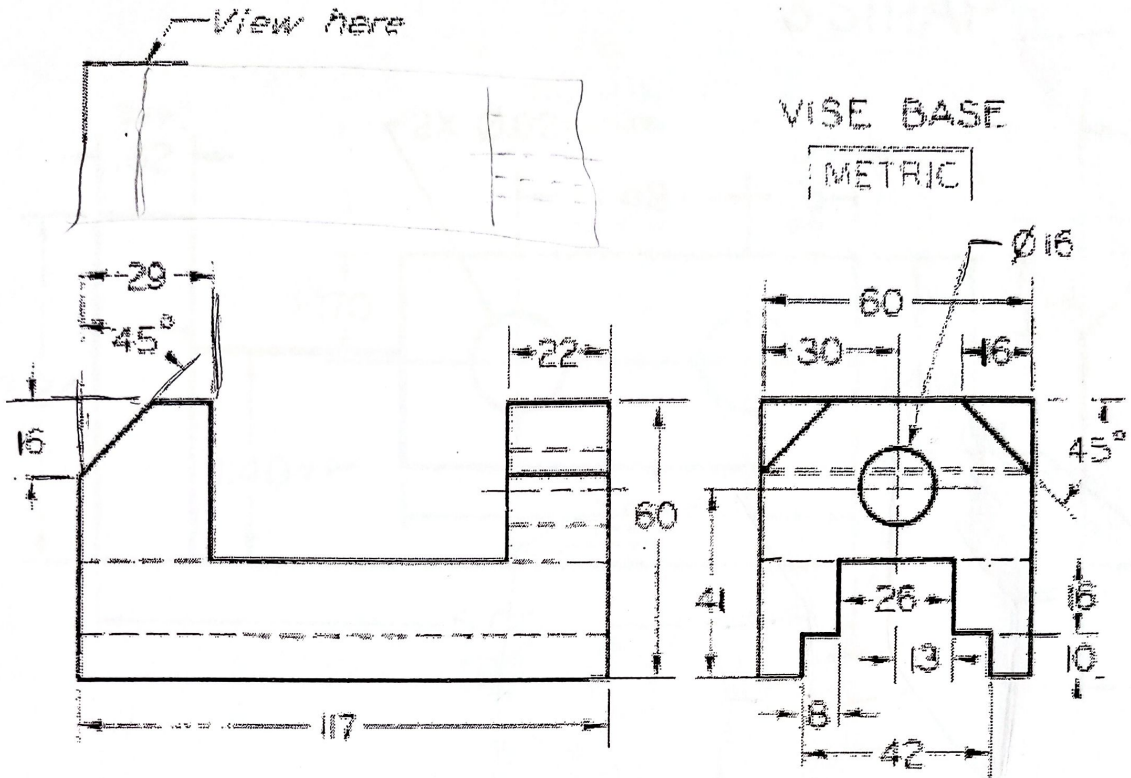
3- Start drawing the isometric box from point A (220,40) from the lower left corner.

4- Lines A & B are Parallel



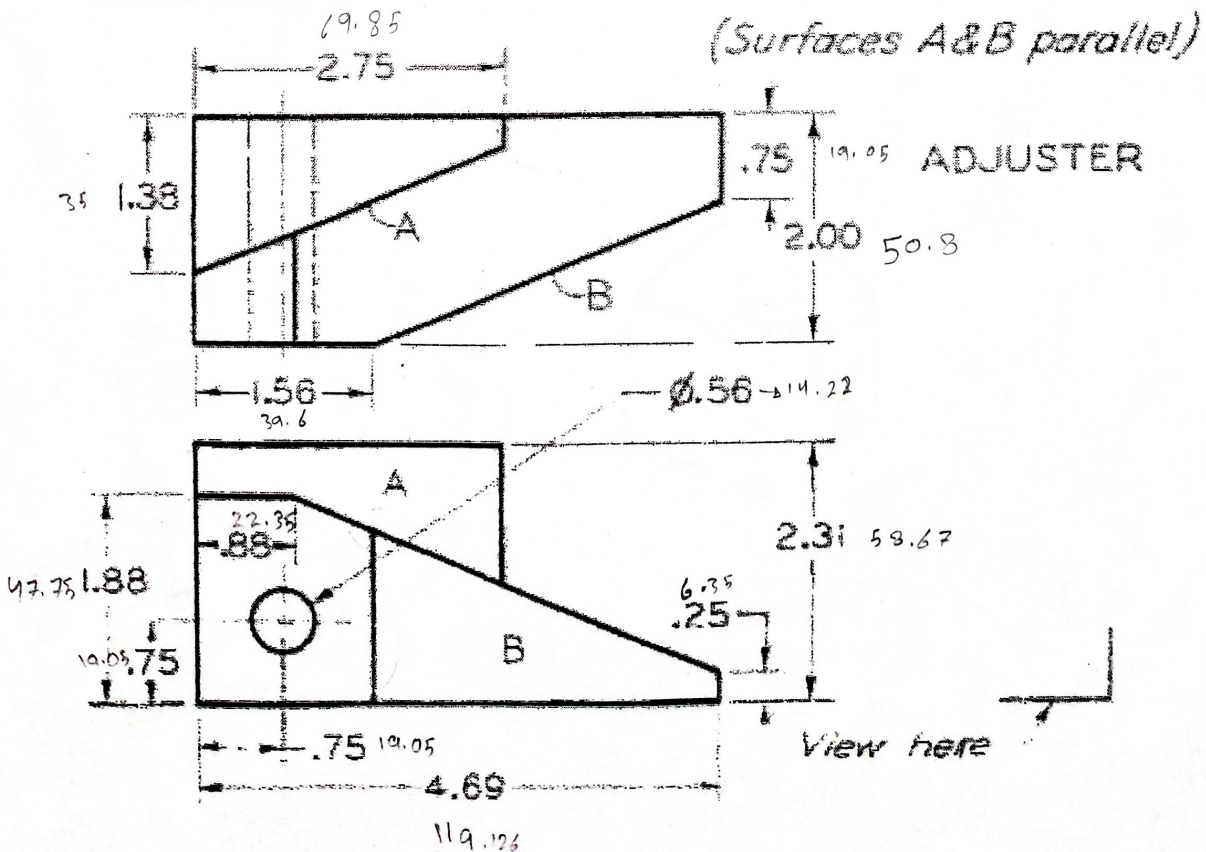
Classwork:

Scale 2:1----- (x,y)=(40,25)



Homework:

Scale 2:1----- DIMENSIONS ARE GIVEN IN Inches (1 Inch = 25.4mm)

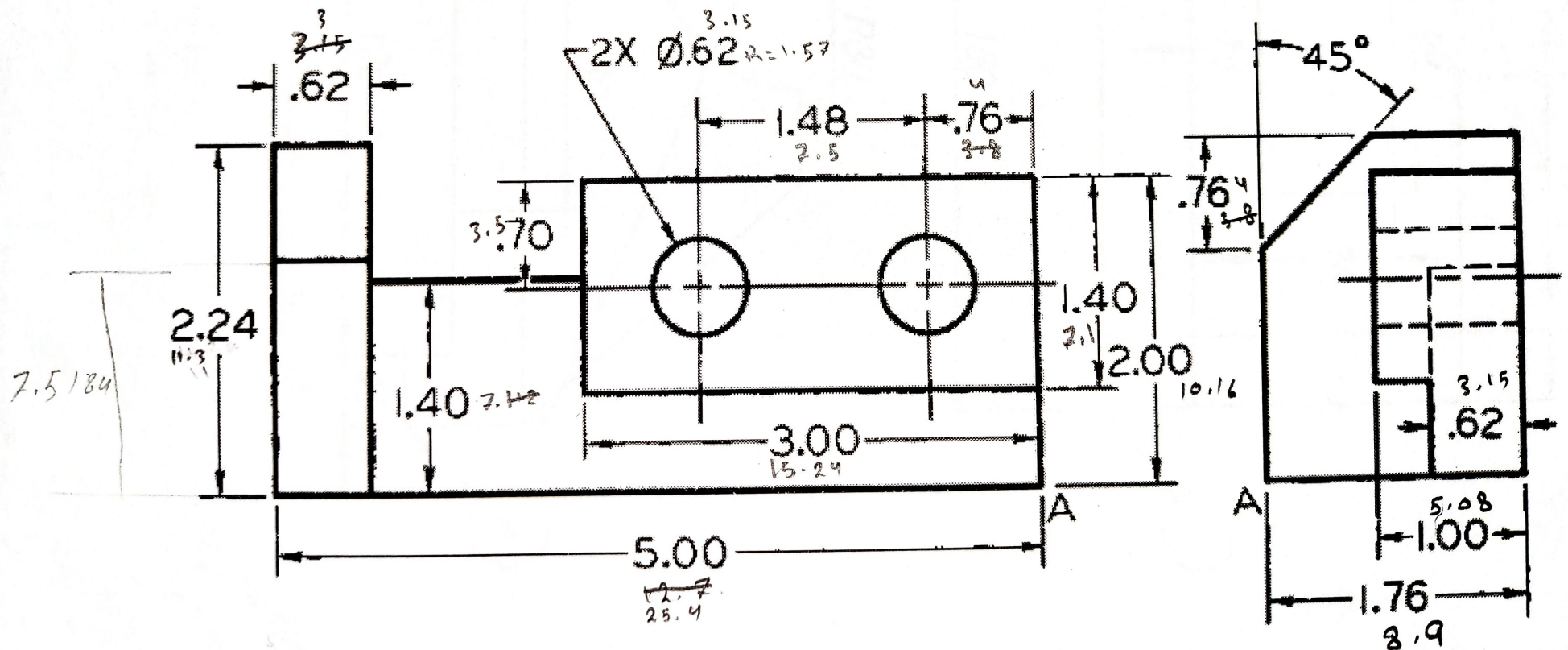


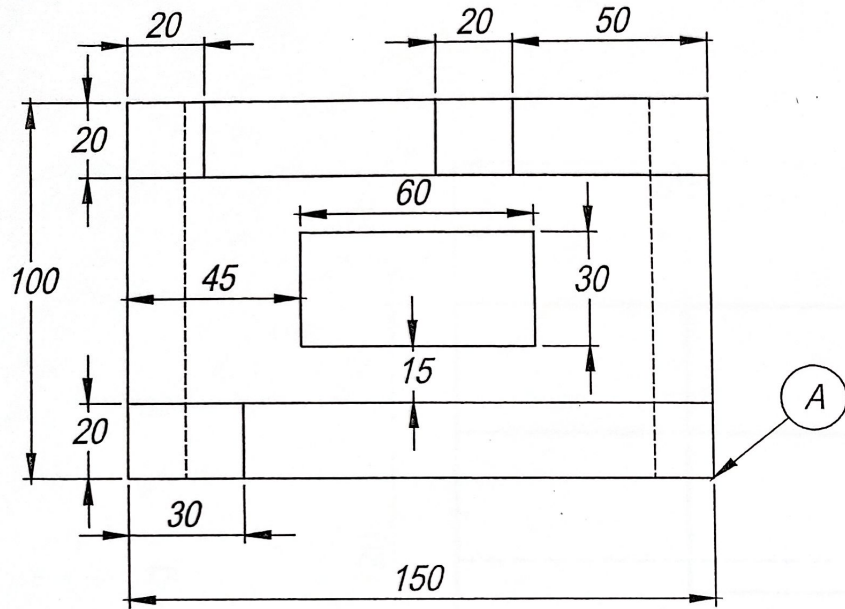
Homework

Scale (2:1)

Point A (275,10)

3 STRAP





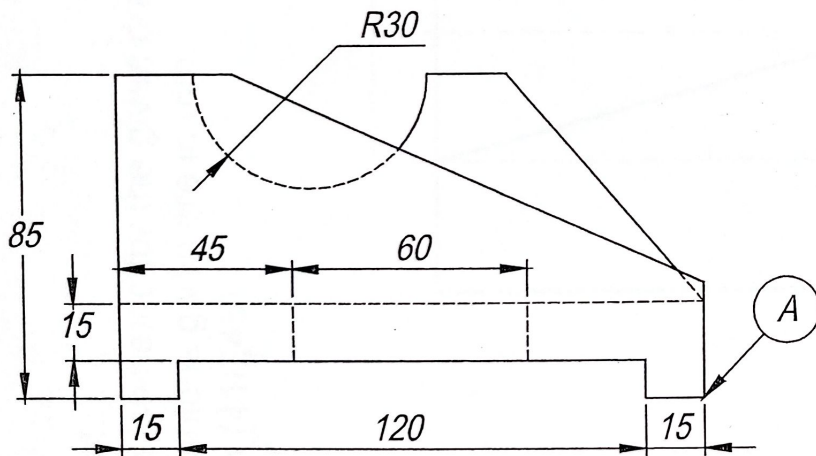
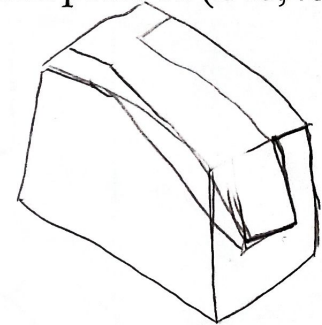
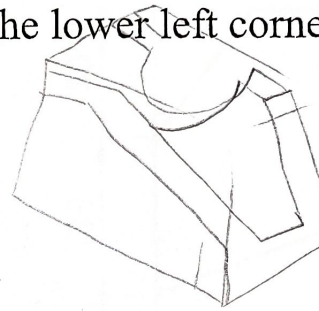
Draw the Isometric for the given views.

Notes:

1- Dimensions are given in mm.

2- Use a Scale of 1:1.

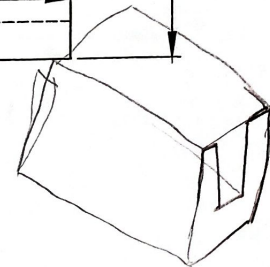
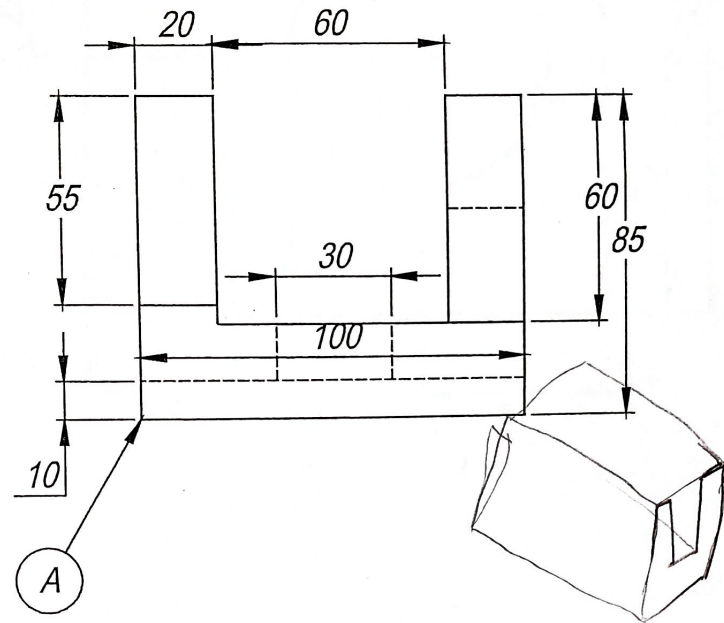
3- Start drawing the isometric box from point A (240,40) from the lower left corner.



center (x,y,z)
 Face /
 make + cross on center
 4 centers

من المزايا الهندسية فط إلى أبعد نقاط في ال cross +

القائم يكون 4 مراكز



Homework

Draw the Isometric for the given drawing

All Dimensions given are in mm.

Point A = (410,45)

Scale 1:1

