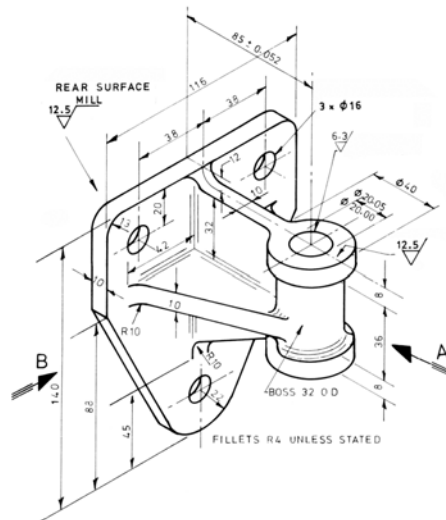
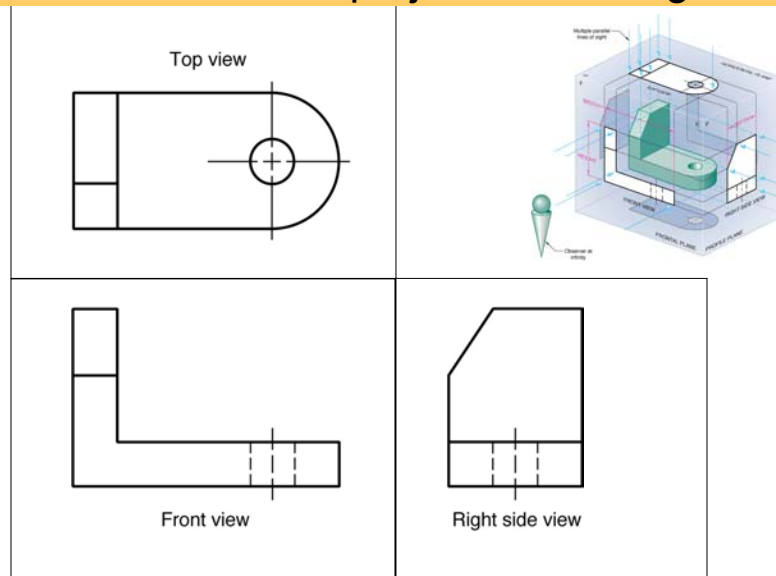


## Session 5 : Orthographic Drawing II – Production of a mechanical drawing

## How to draw a multiview projection of a wall bracket???



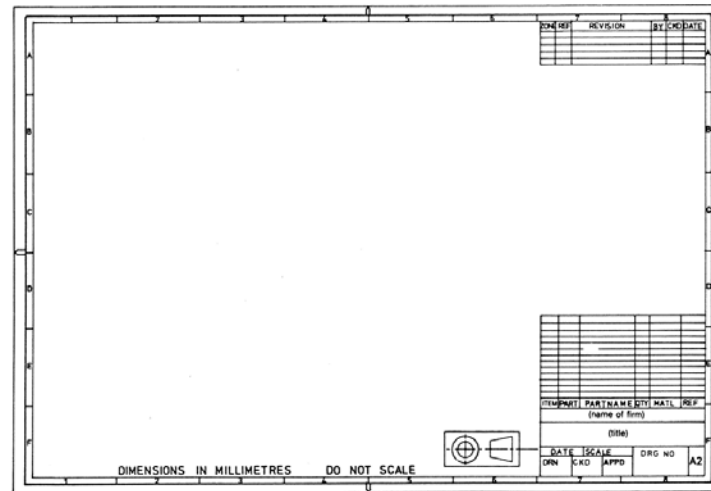
## Multiview projection: 3<sup>rd</sup> angle



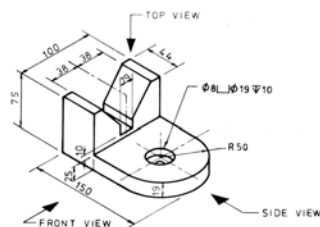
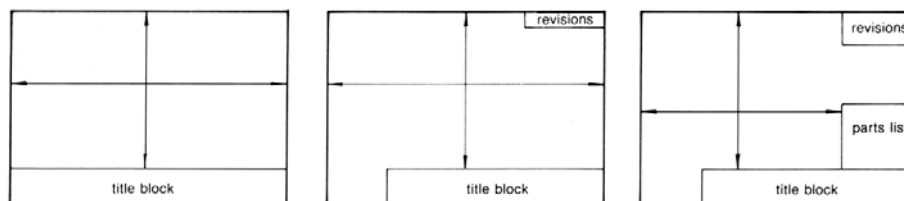




## Typical layout of a drawing sheet



## Dimension of working space

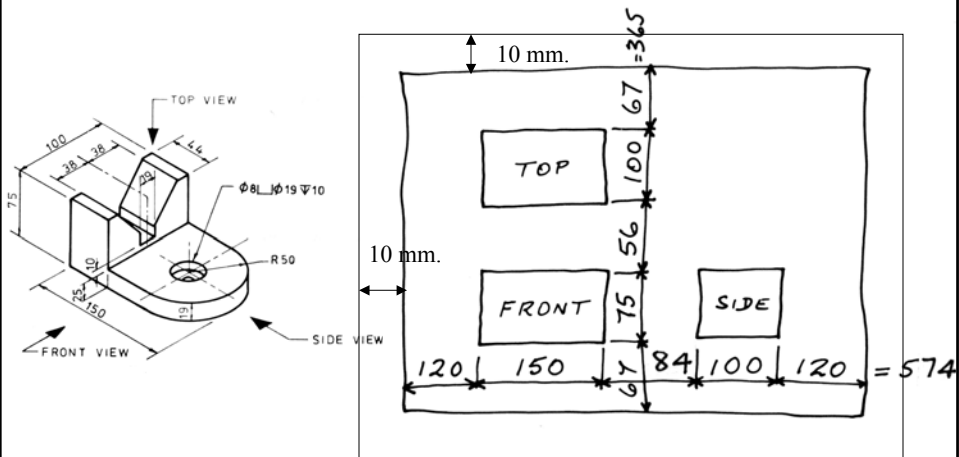


### Metric (mm)

A4 210 × 297  
A3 297 × 420  
A2 420 × 524  
A1 594 × 841  
A0 841 × 1189



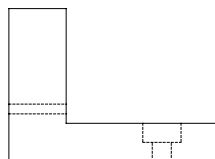
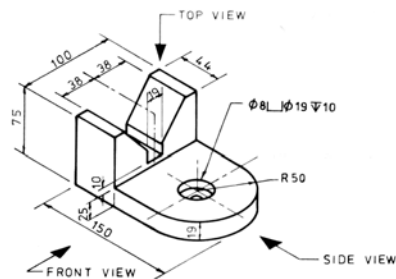
## Step 1 Locate positions of views



- Assume a paper size of 594mm x 385mm (non-standard size)
- A 10-mm border width is assigned for A2, A3, and A4 papers.



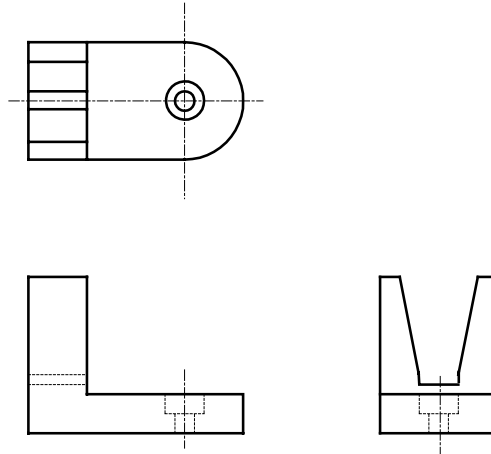
## Step 2a Draw a light construction of Front view



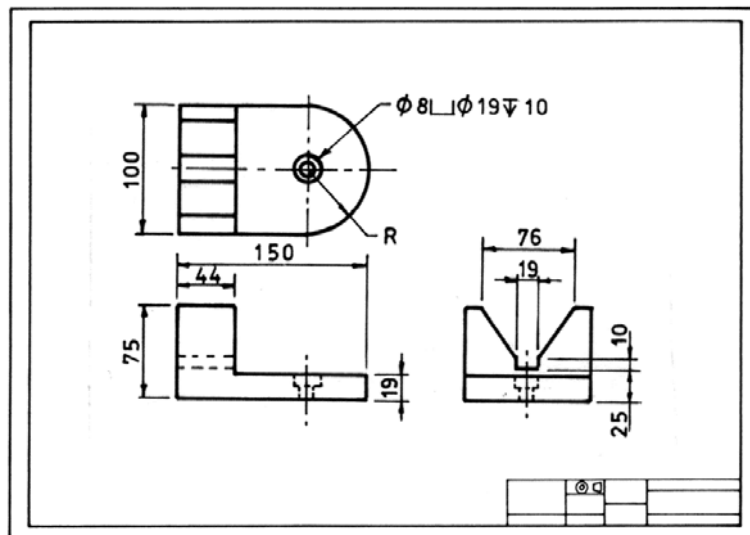




## Step 3 Line in progressively using a set square

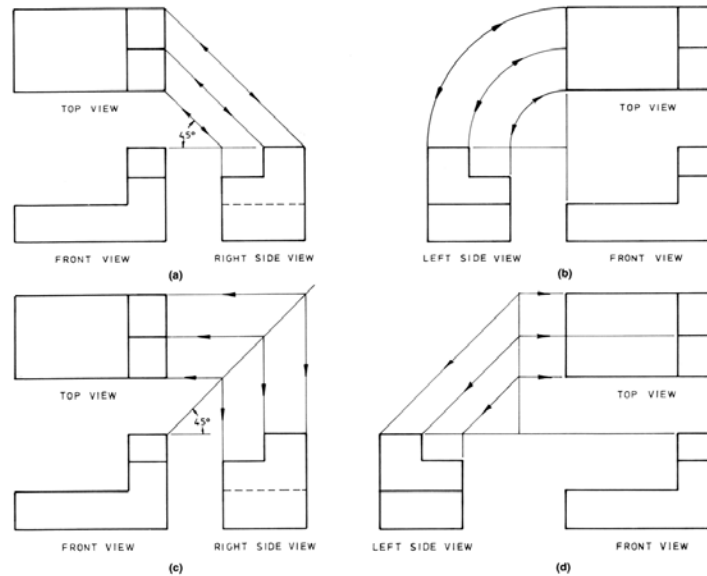


## Step 4 Dimension and insert subtitle





## Methods of projection between views



## Use of projection and dimension lines

