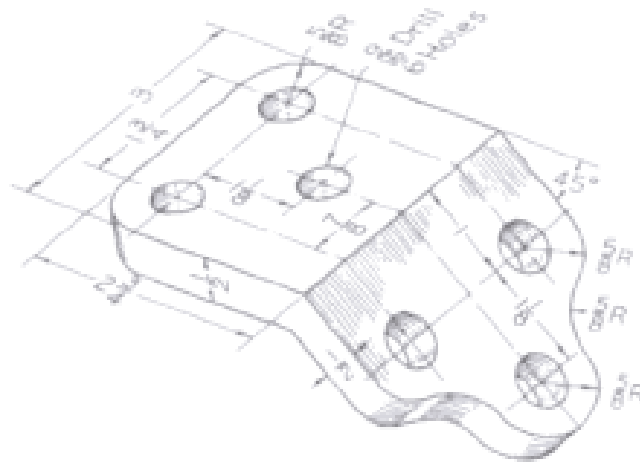
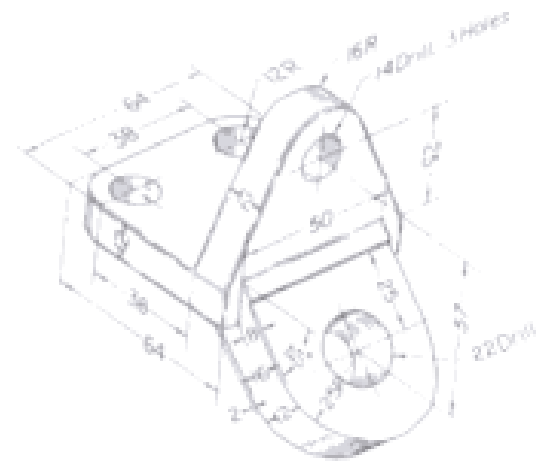
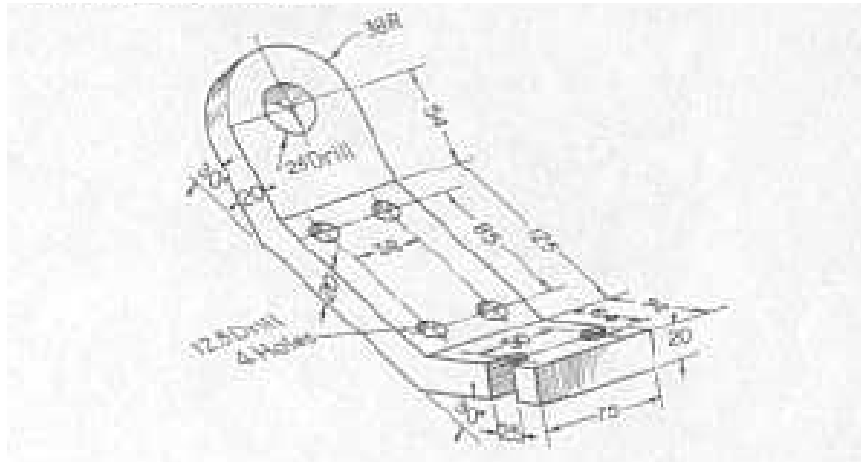


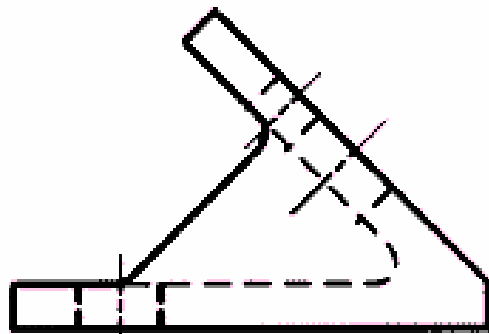
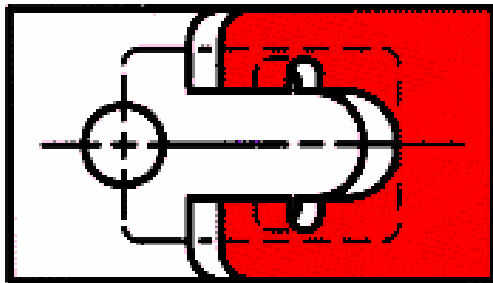
# TA 101

Lecture -21

<http://home.iitk.ac.in/~mukesh/>

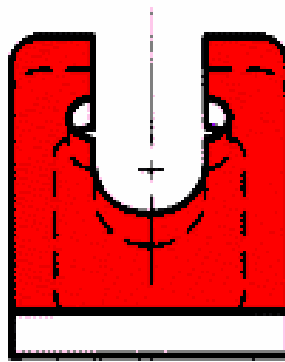


TOP VIEW



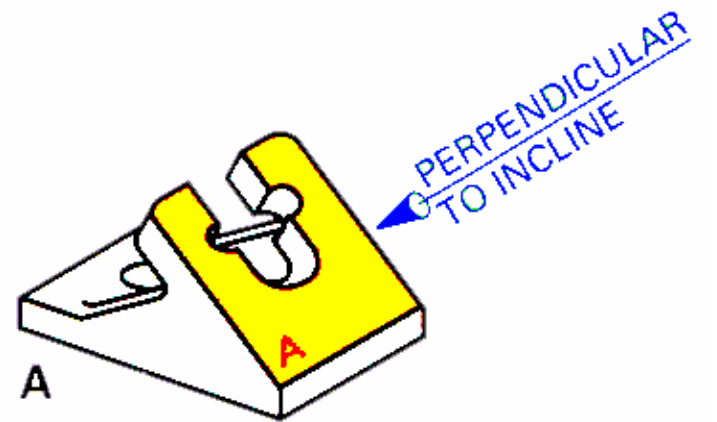
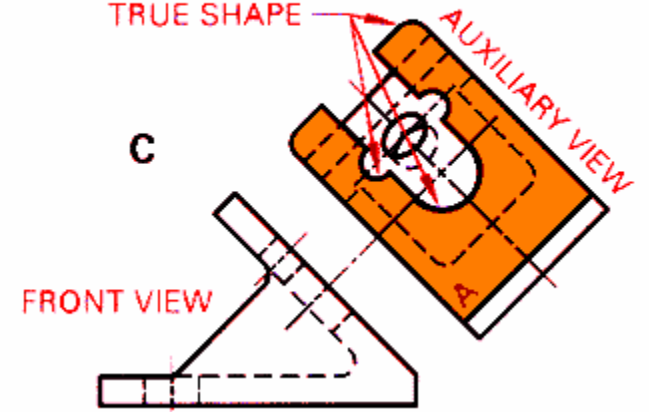
FRONT VIEW

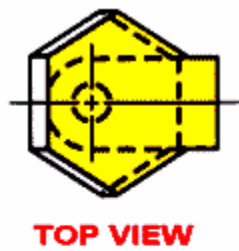
B



RIGHT-SIDE VIEW  
NOT TRUE SIZE

THREE CIRCULAR FEATURES  
IN TRUE SIZE AND  
TRUE SHAPE

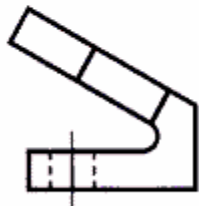




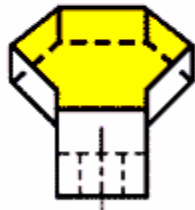
TOP VIEW

Compare the information given in the normal views (A) with that given in the auxiliary views (B).

A



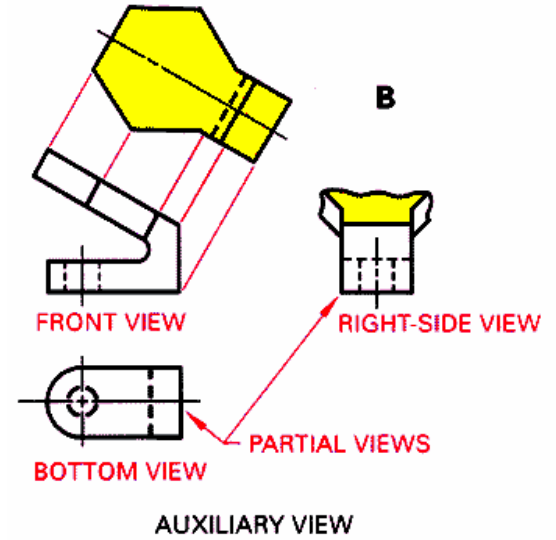
FRONT VIEW

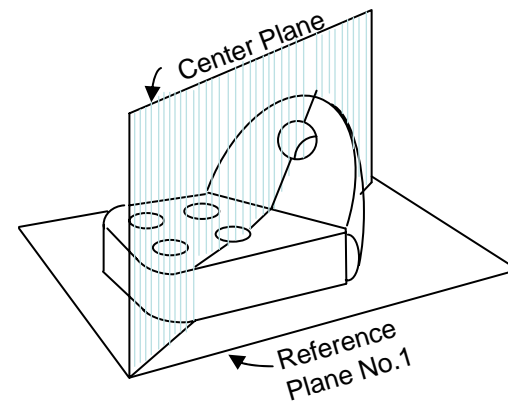
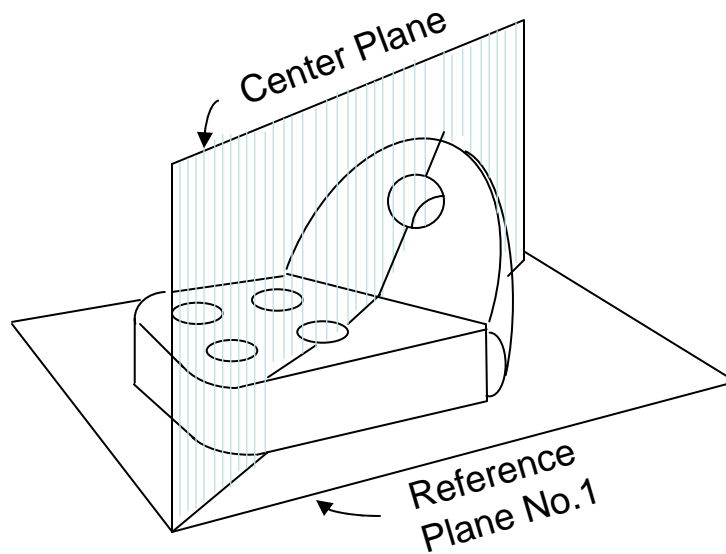


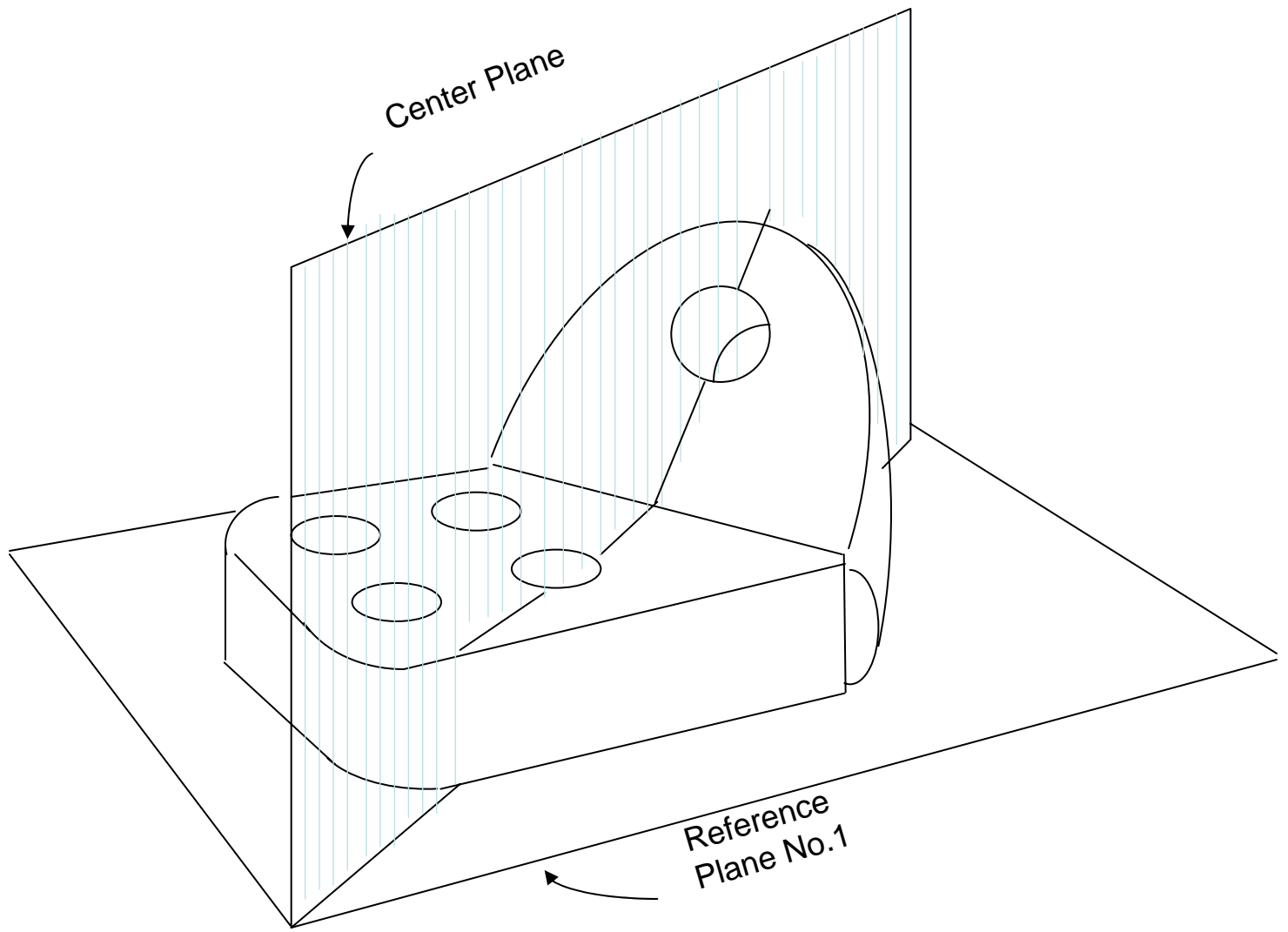
RIGHT-SIDE VIEW

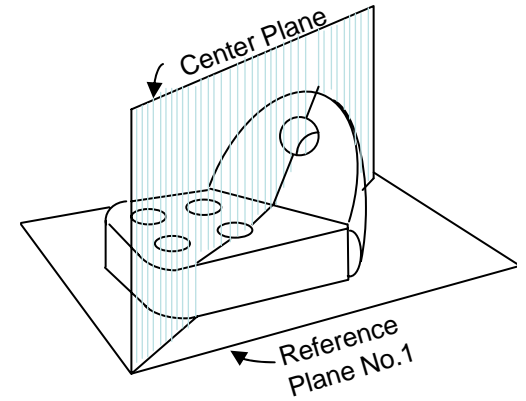
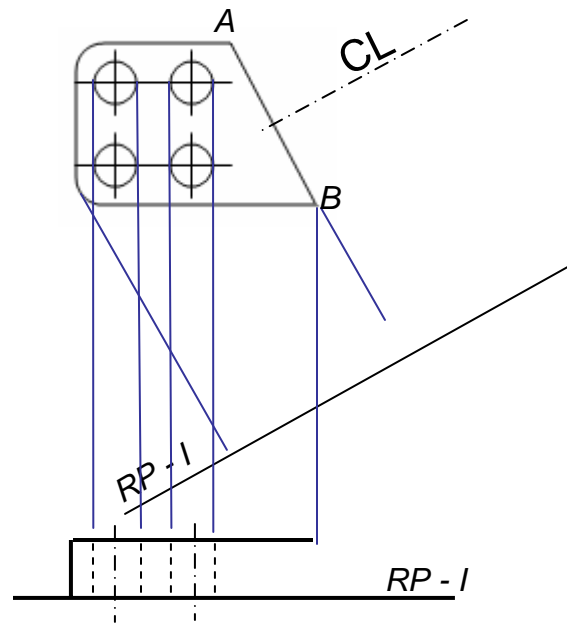
NORMAL VIEWS

AUXILIARY VIEW IS PREFERRED  
TRUE SIZE AND TRUE SHAPE



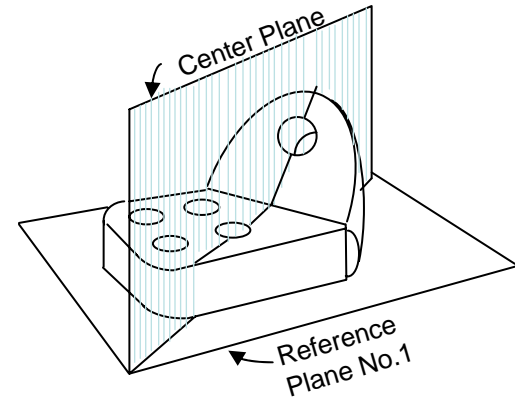
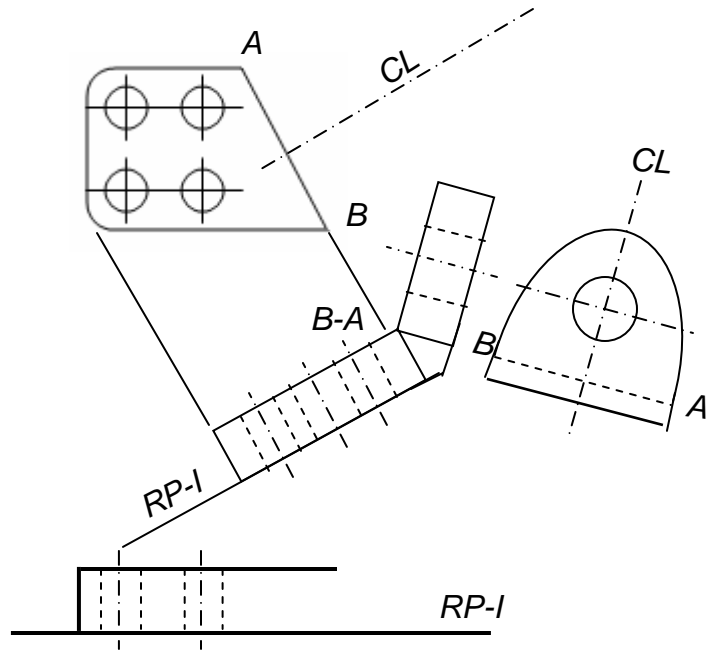


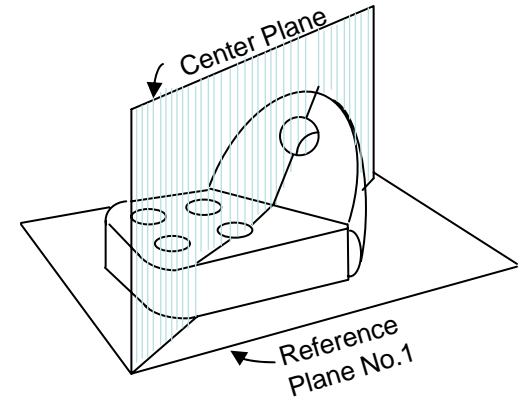
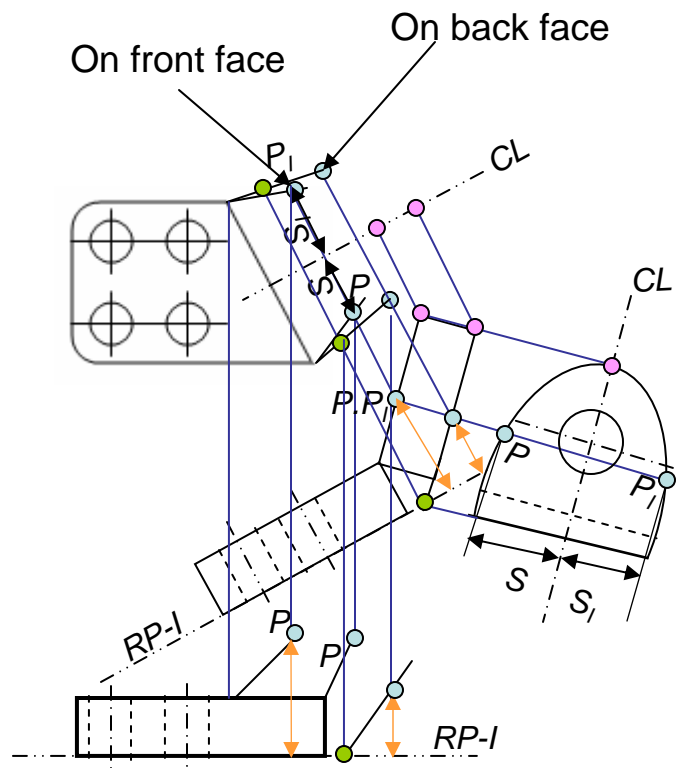


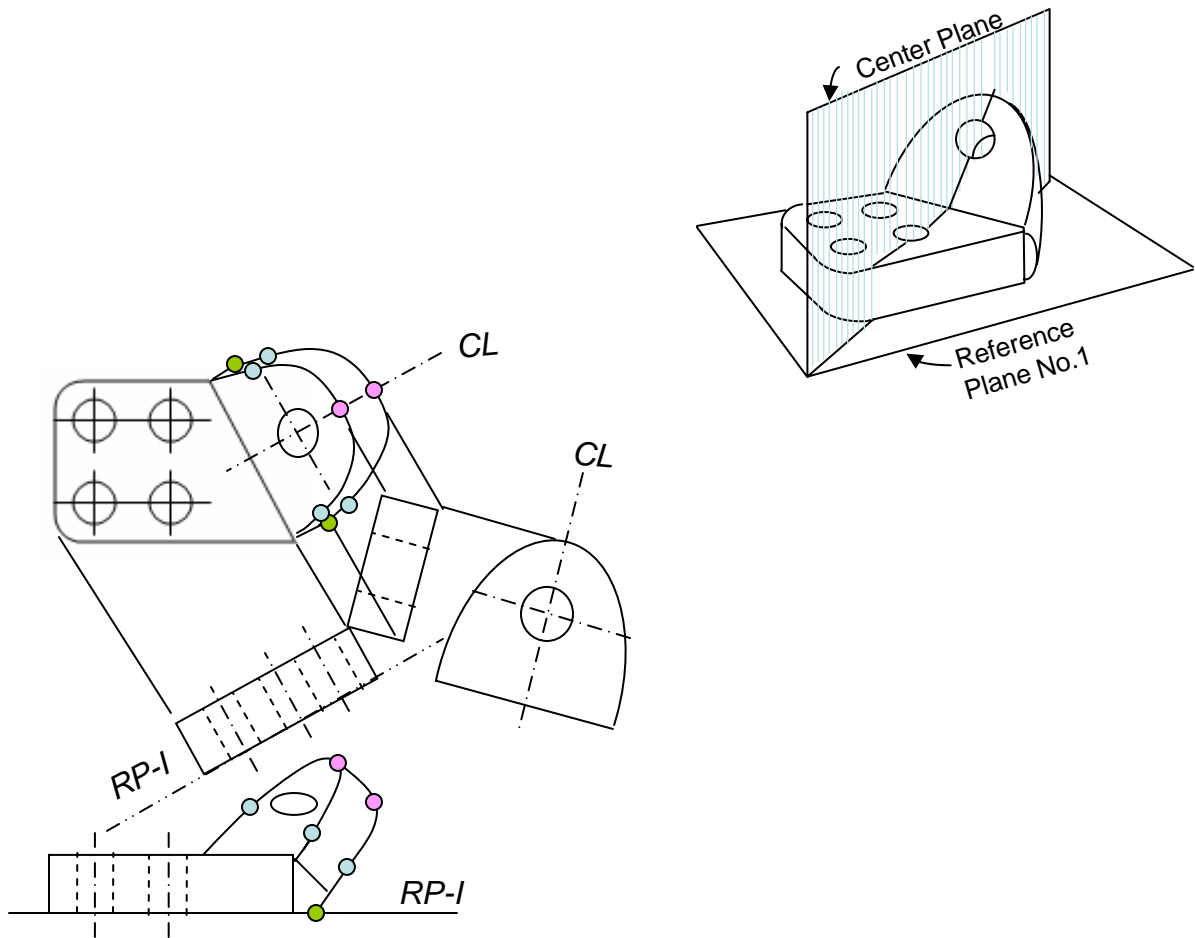


Assume all dimensions are known.

Complete Orthographic Projections to the extent you can do  
 Look for a line in TL and is common/intersection of oblique and other plane  
 It is line AB – get the point view of AB so to get EV of planes  
 Locate RP1 and convenient place so that .....

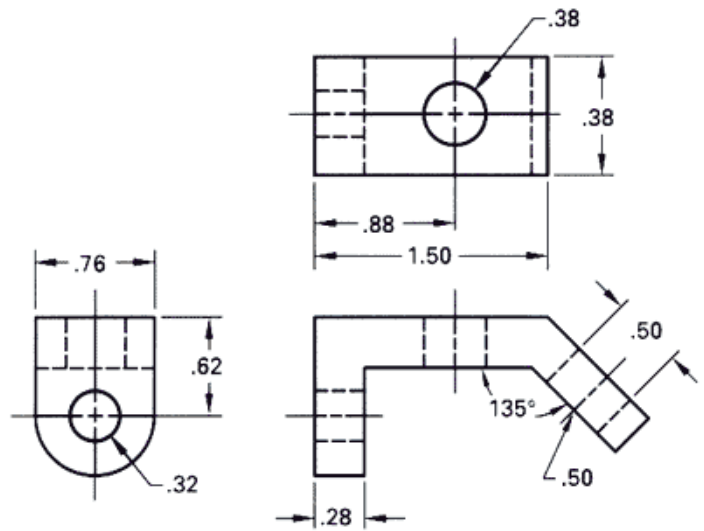




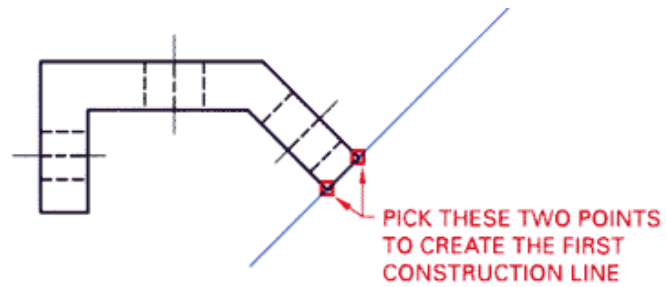


Concluding:

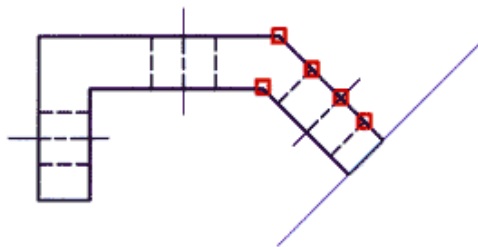
From True shape of Oblique Surface and concepts of auxiliary plane,  
We created front and top view of oblique surface.



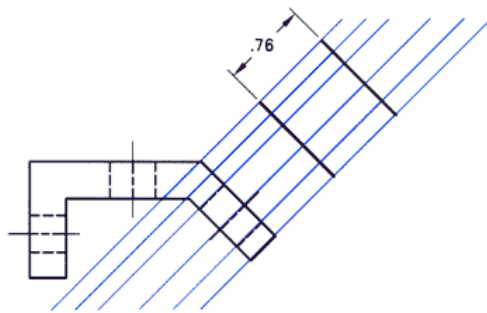
**A**



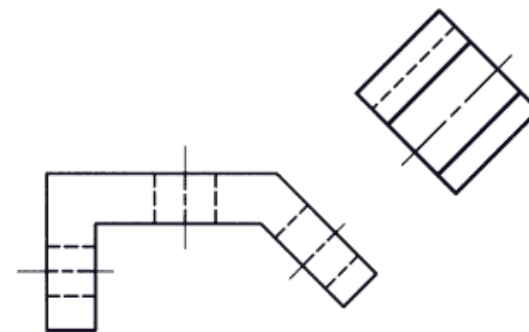
**B**



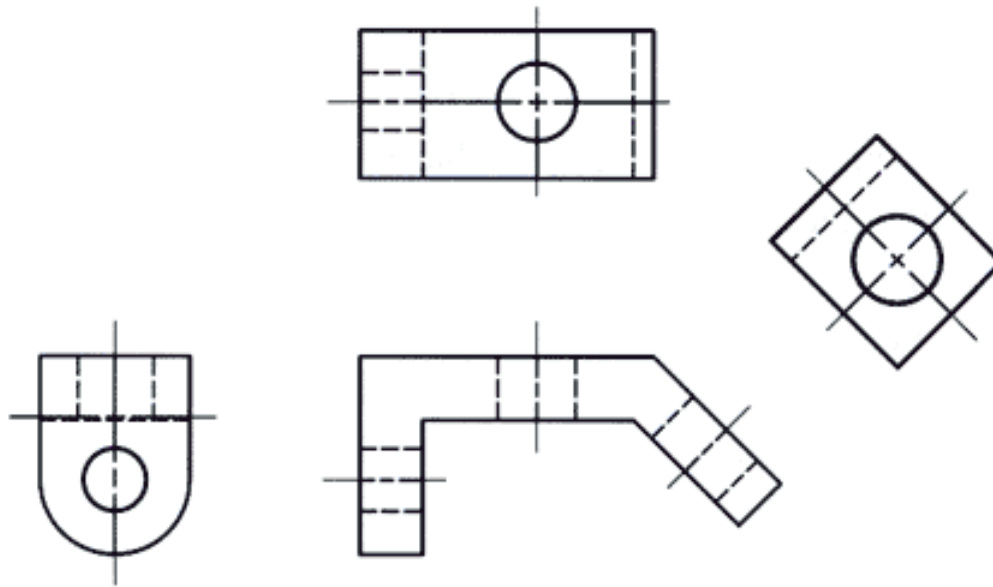
**C**



**D**



**E**



F

Final drawing for production/construction