

NAME:

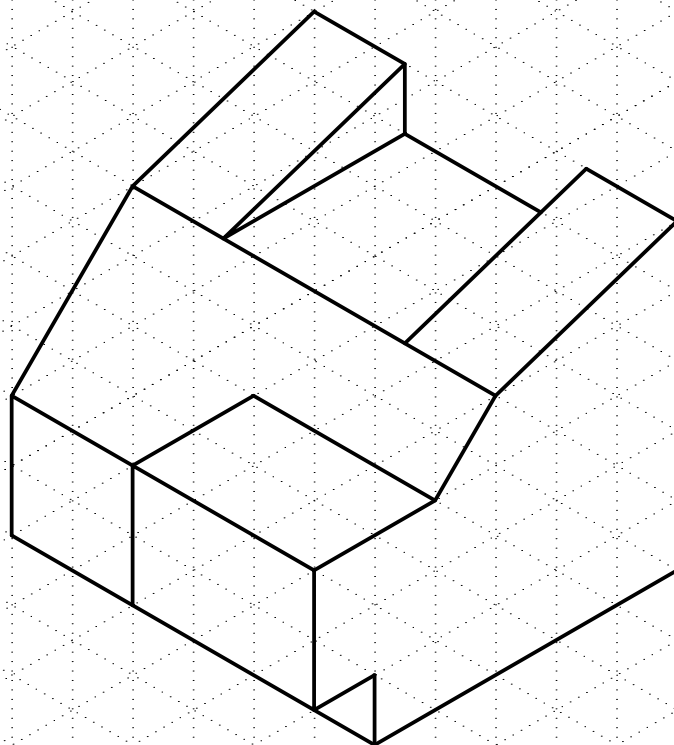
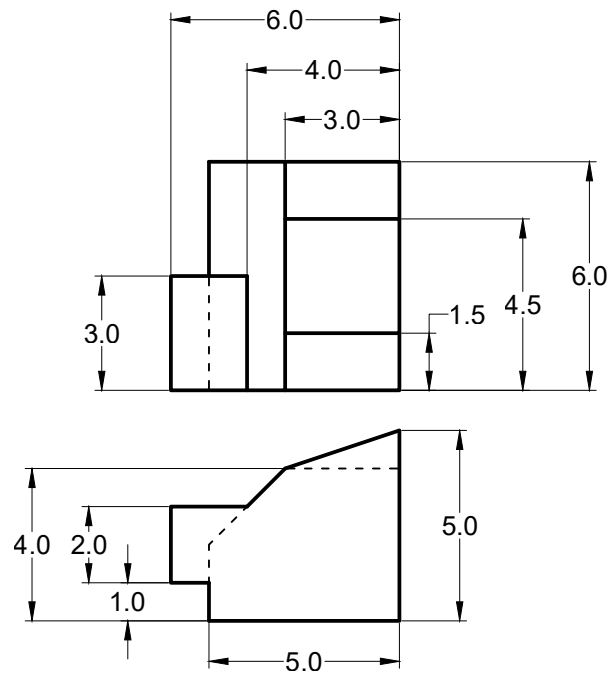
ENTRY NUMBER.....

GROUP NO.....

Q1. Fill in the blank with suitable answer. [2.5 Marks]

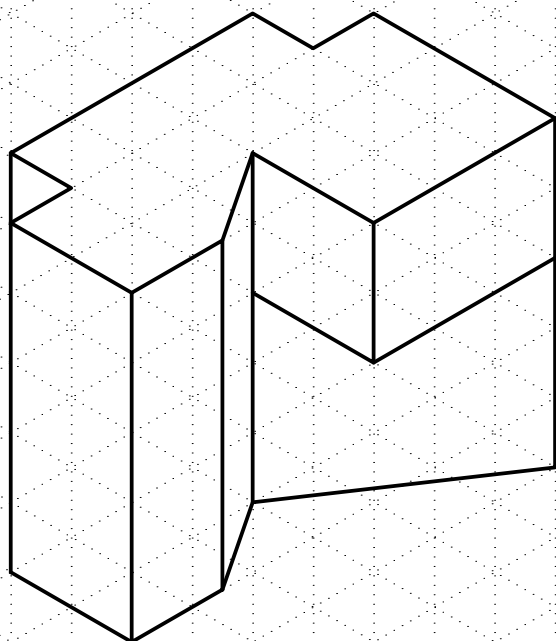
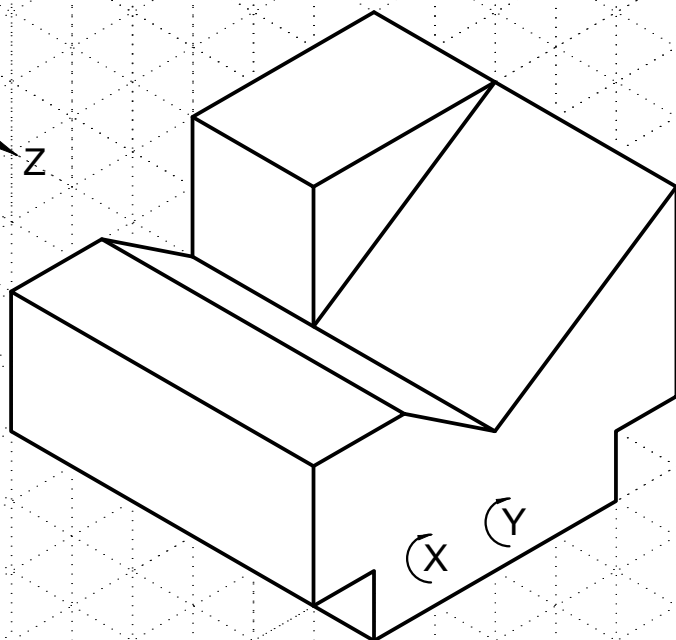
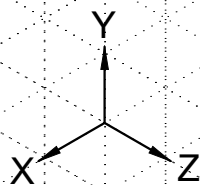
- a) In 1st angle of projection the front view lie **Above** the reference line.
- b) Projection technique that creates a 2D image of a 3D object by mimicking how a camera or eye captures it is called **Perspective** projection
- c) A line is perpendicular to H.P and Parallel to V.P, the top view will be **Point**
- d) The straight lines which are drawn from various points on the contour of an object to meet a projecting plane are called **Projectors/Projection lines**
- e) After projecting the front and top view of an object in 1st or 3rd quadrant, the horizontal plane (H.P.) is **rotated 90° Clockwise** to obtain the final engineering drawing for professional communication.

Q2. Draw the isometric view from the given orthographic views [7.5 Marks]

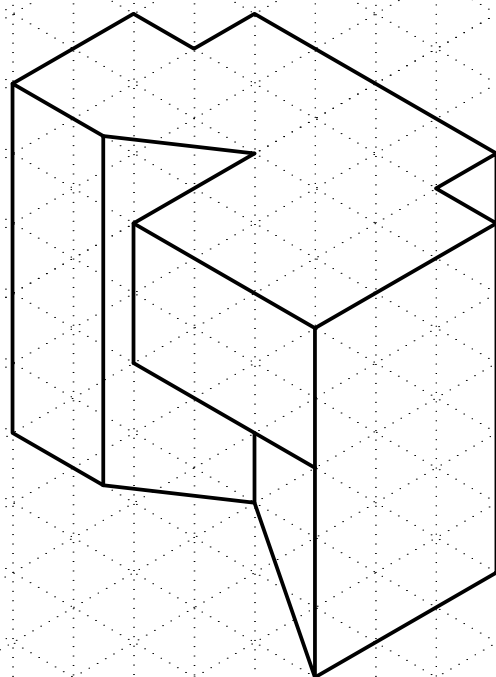


Q3. Rotate the following object by the indicated directions about the respective axis by 90° and sketch the result on isometric grid paper.

[10 Marks]



Ist Rotation Solution



Final Rotation Solution