Auxiliary Views - Information Sheet 2

Work through the following steps systematically to produce auxiliary views.

1. Number all the corners in views 1 and 2.
2. Draw projection lines from view 1 to view 2.
3. Draw a datum line **XX** at 90° to these projection lines.
4. Draw projection lines from view 2 at the required angle (given or implied) to where you want view 3 to be drawn.
5. Draw a datum line **X´X´** at 90° to these projection lines.
6. Measure the distance of each numbered point on view 1 from the line **XX**.
7. Follow the projection lines for each point from view 1 to view 2 to the line **X´X´**.
8. Mark the position of the point and number it.
9. Join the points - in the correct order.
10. Decide what is visible and what is hidden detail.

Figure 3

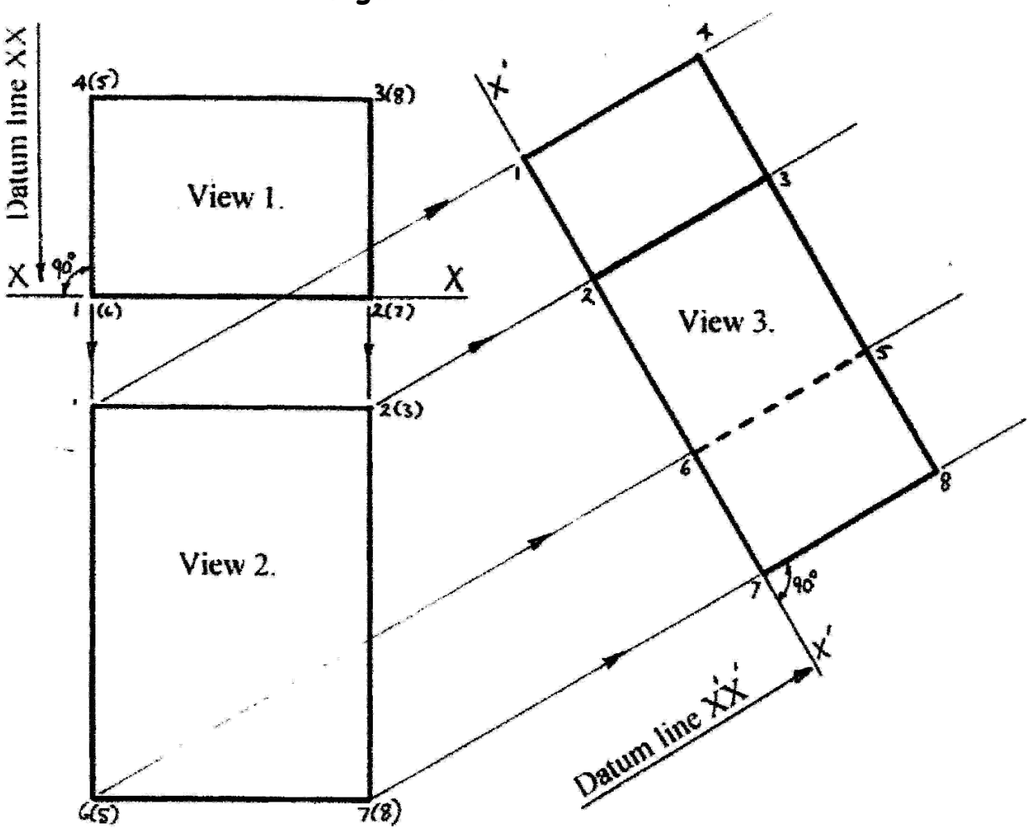
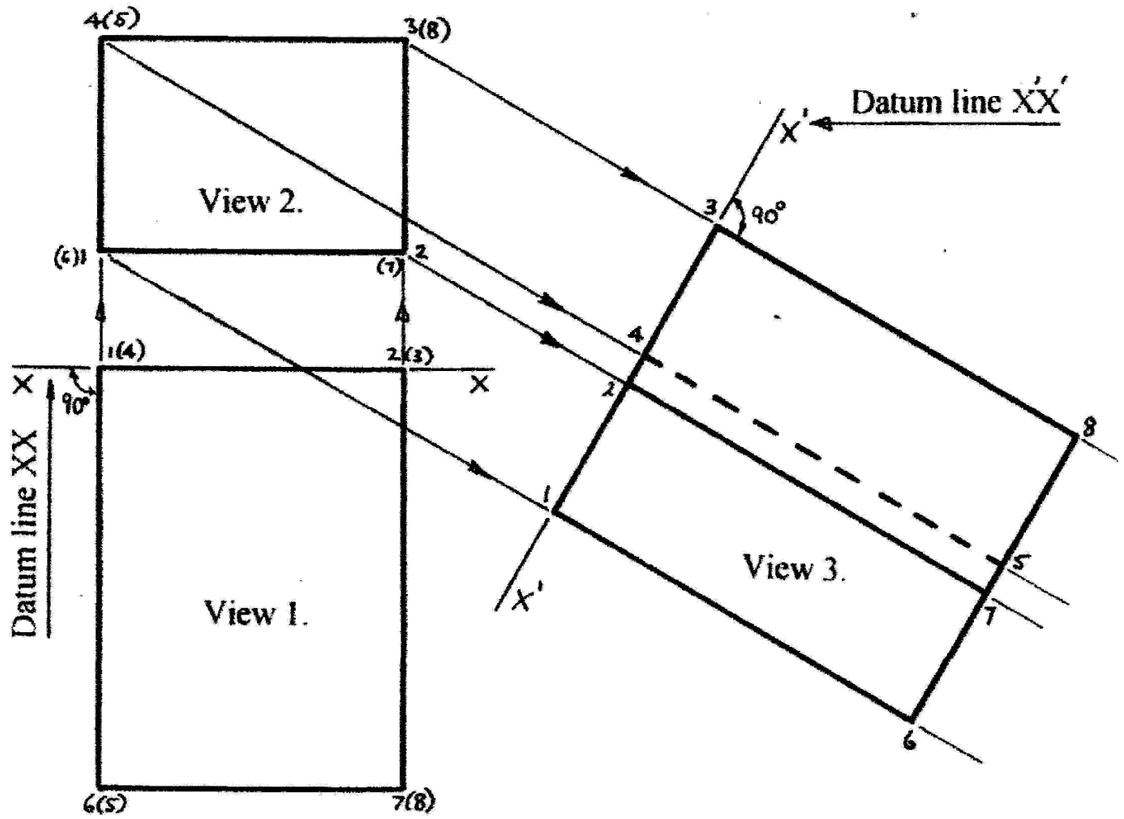
Figure 4