

1. A cone of base 30mm diameter and axis 60mm long has its axis inclined at 45° to the HP and 30° to the VP.
 1. Draw the line XY.
 2. Draw the projections of the cone placed in the simple position.
 3. Rotate the axis of the front view through 45° .
 4. Draw projectors from the rotated front view and the initial top view and name the points of intersection
 5. Join the points correspondingly to get the top view.
 6. Rotate the axis of the rotated top view through 30° .
 7. Draw projectors from the rotated top view and the rotated front view and name the points of intersection.
 8. Join all the points correspondingly to get the final front view.


