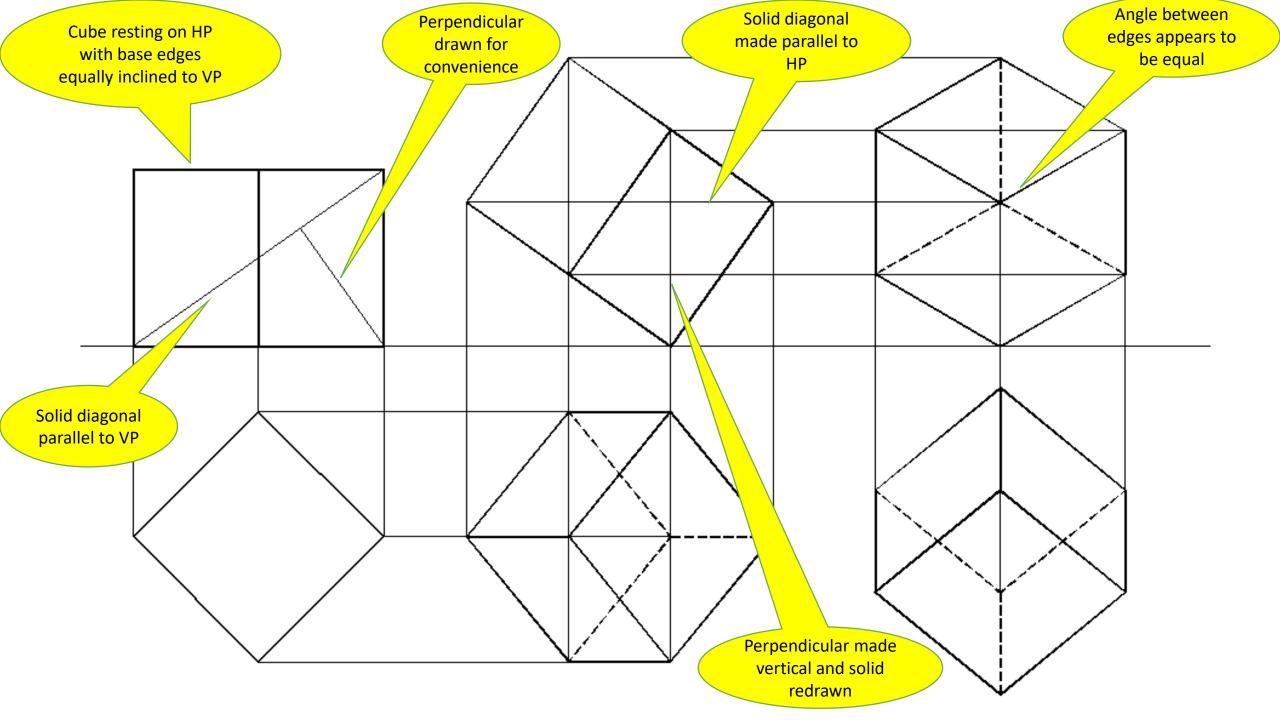
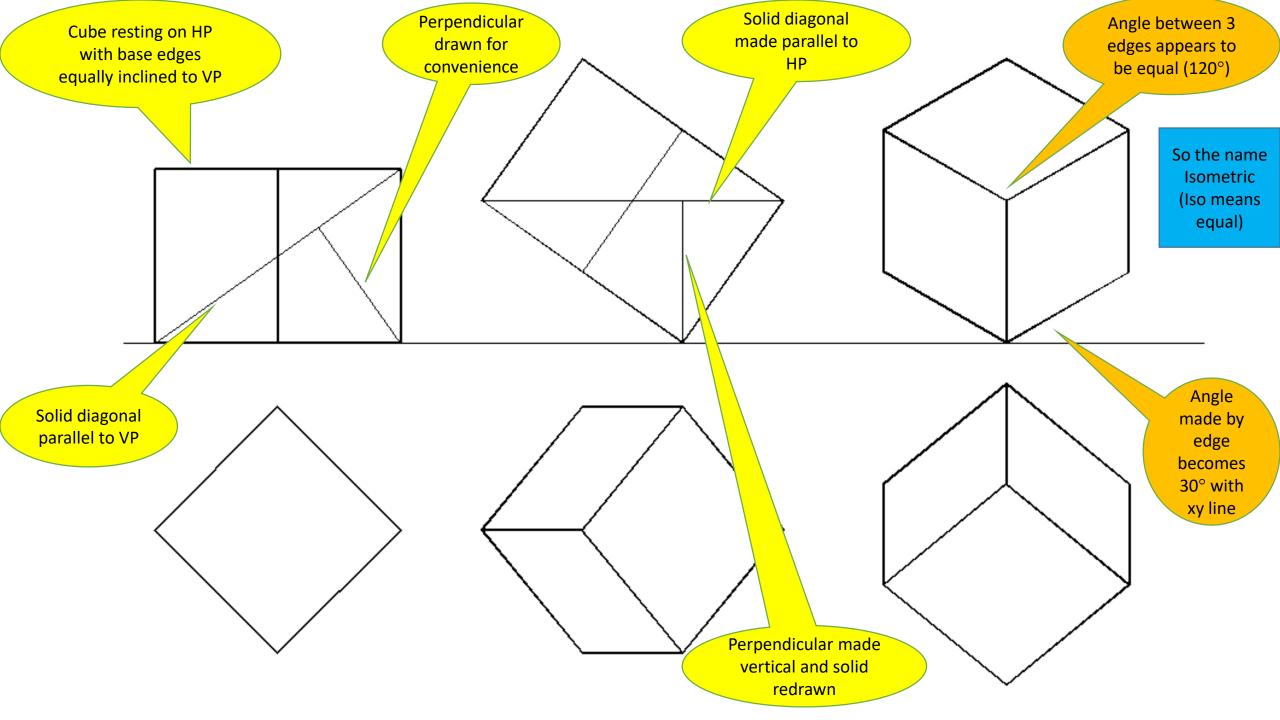


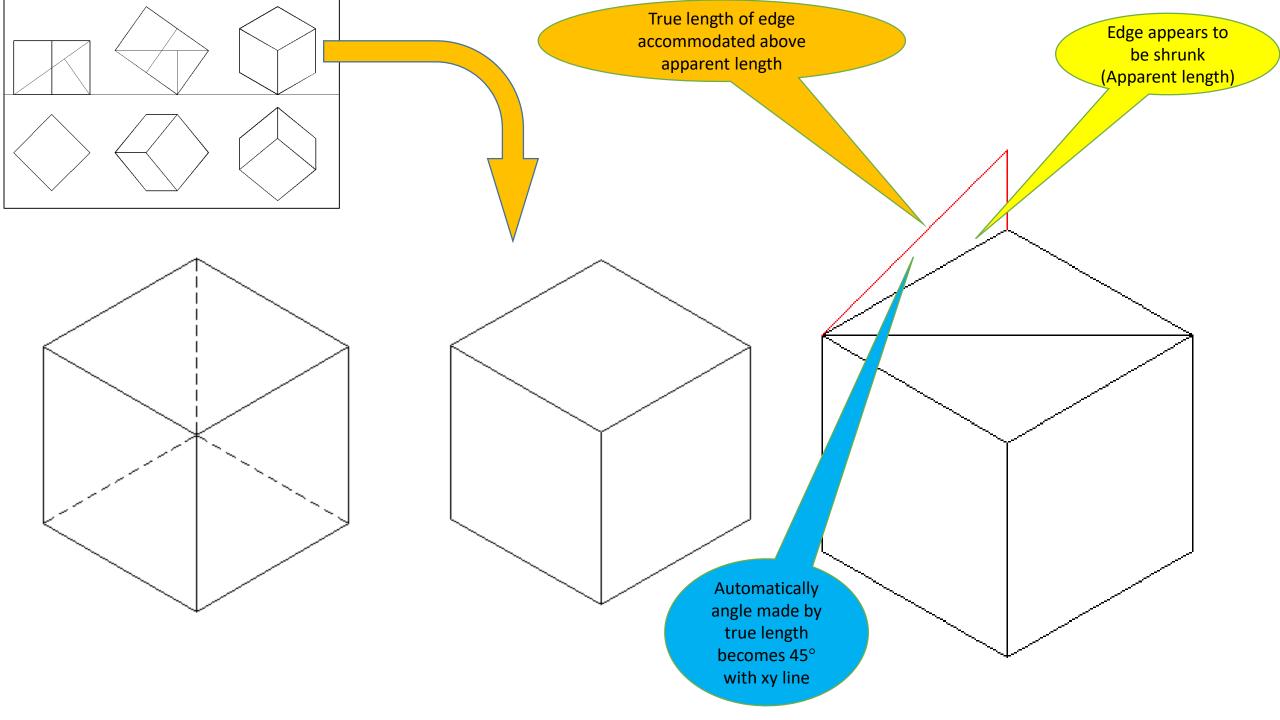
Department of Mechanical and Manufacturing Engineering

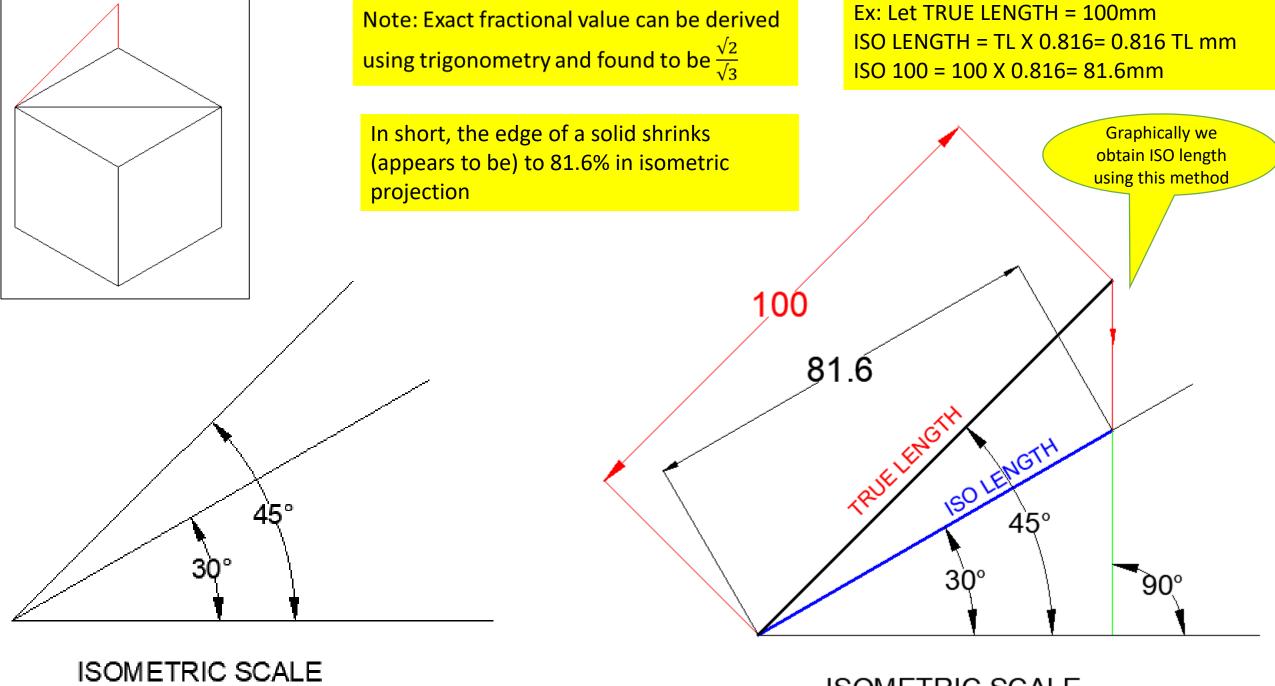
ENGINEERING GRAPHICS - II

CLASS 5: ISOMETRIC PROJECTION (SHEET 5)







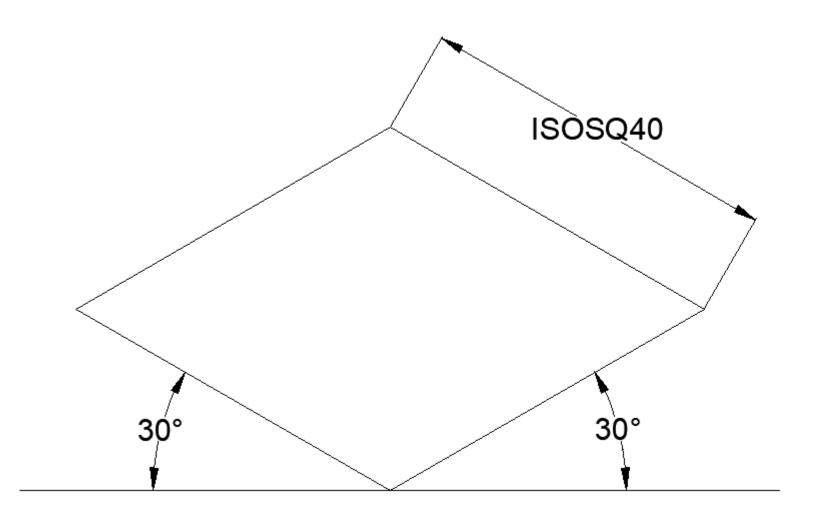


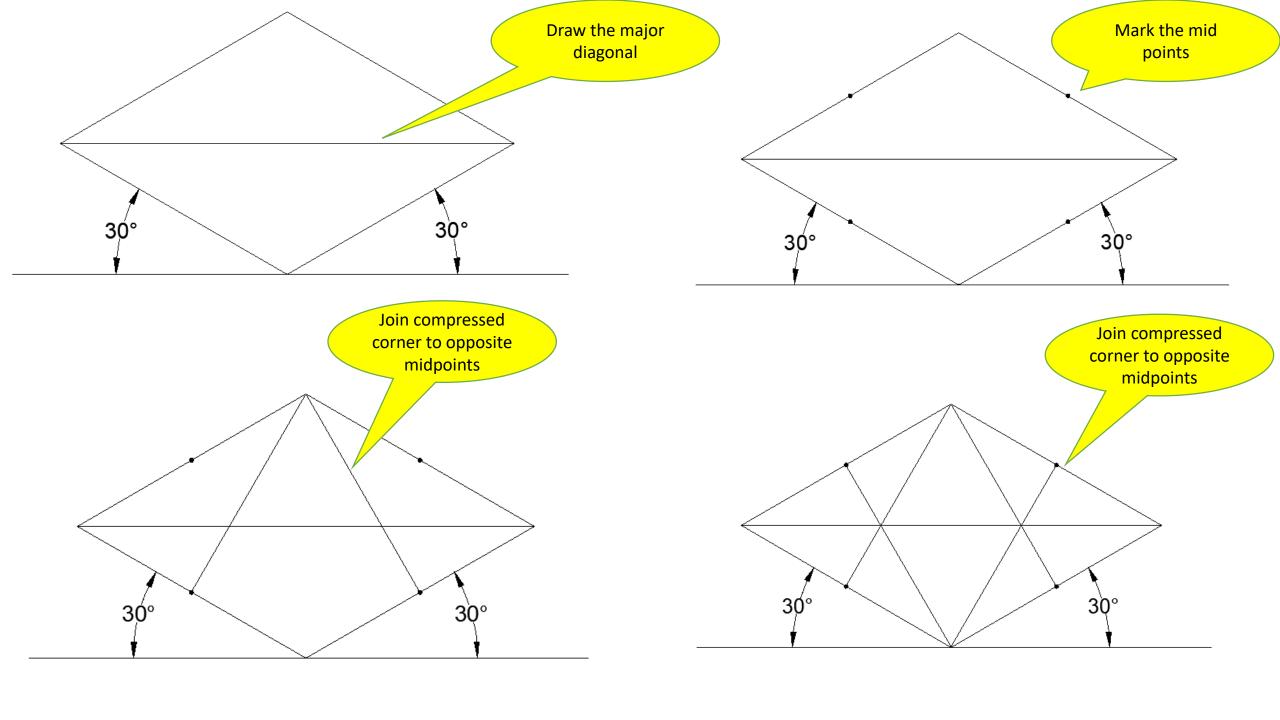
ISOMETRIC SCALE

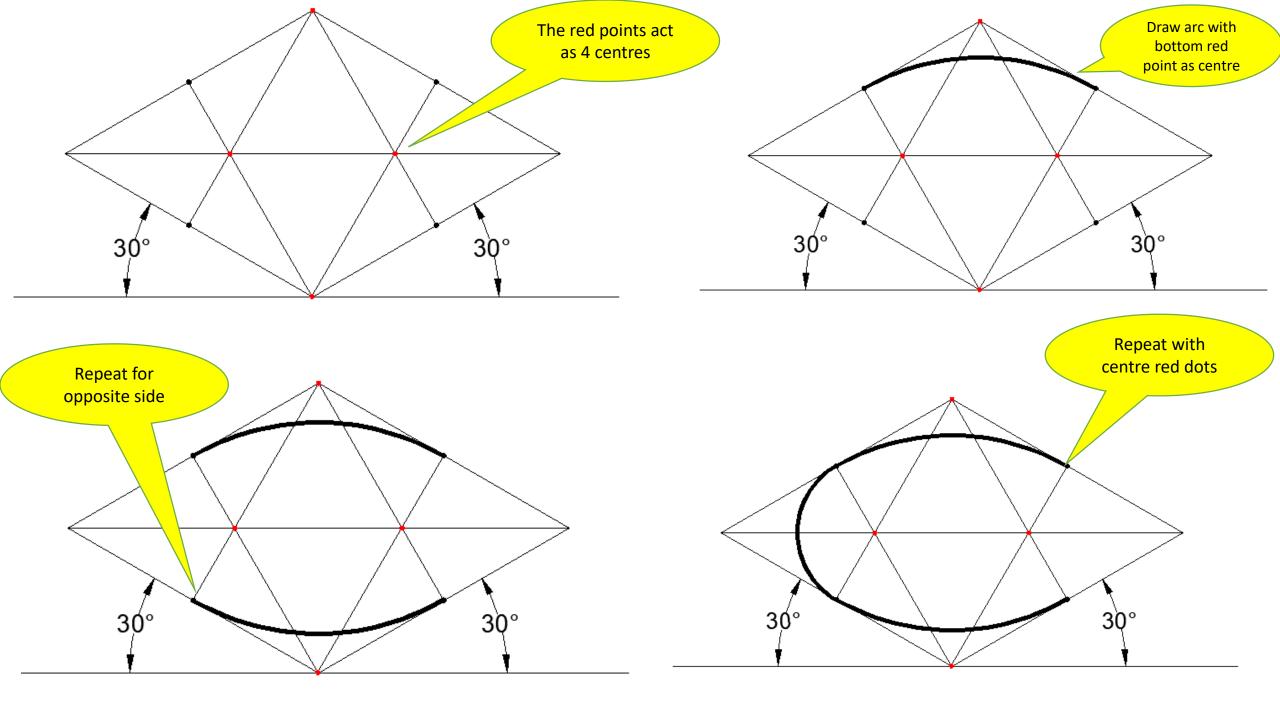
Construction of an Ellipse For a circle parallel to HP

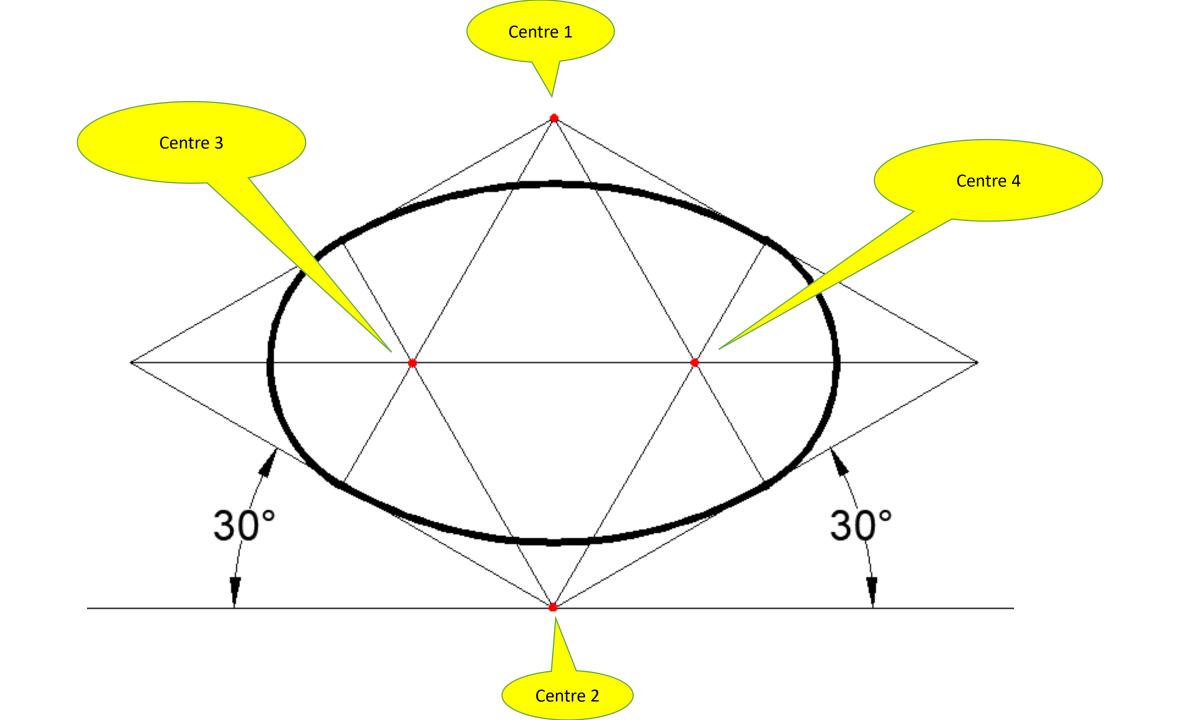
- > Ex: Let us consider circle of Diameter 40mm
- > The rhombus will be of sides ISO40

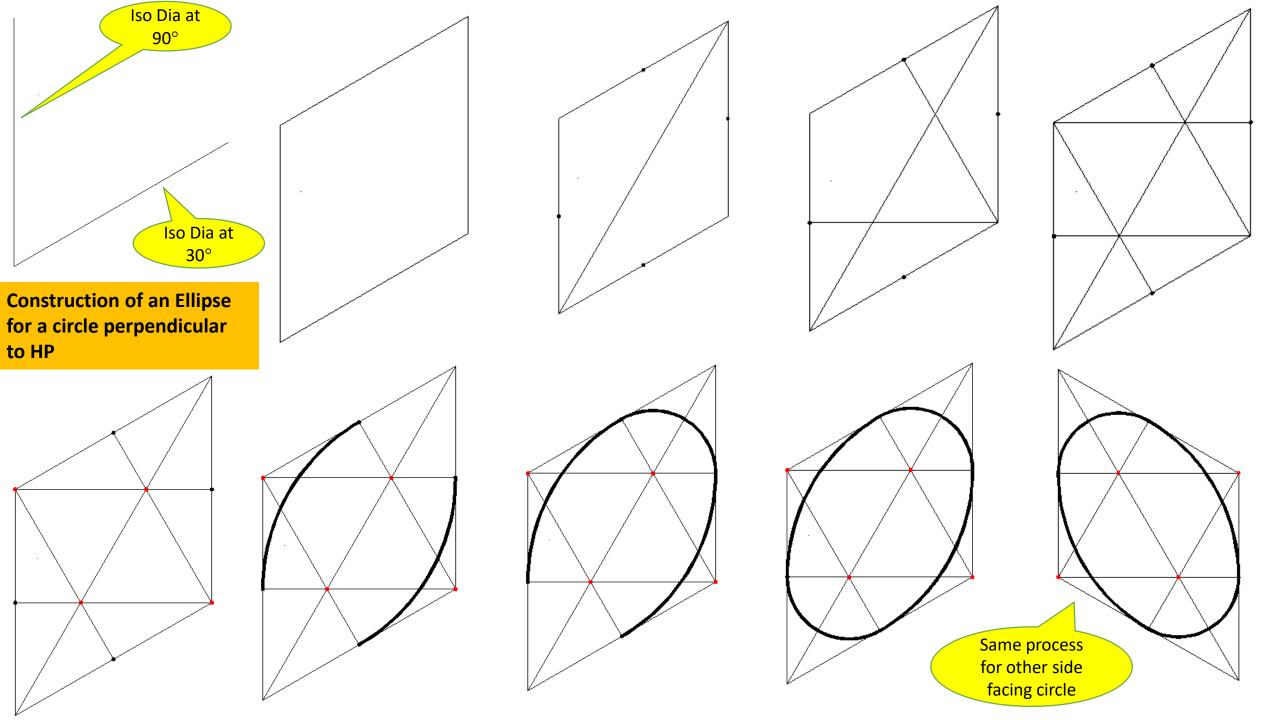
- In isometric projection a circle appears as an ellipse
- To construct an ellipse corresponding to a circle (resting on HP) of diameter X, we have to construct a rhombus of sides ISO X





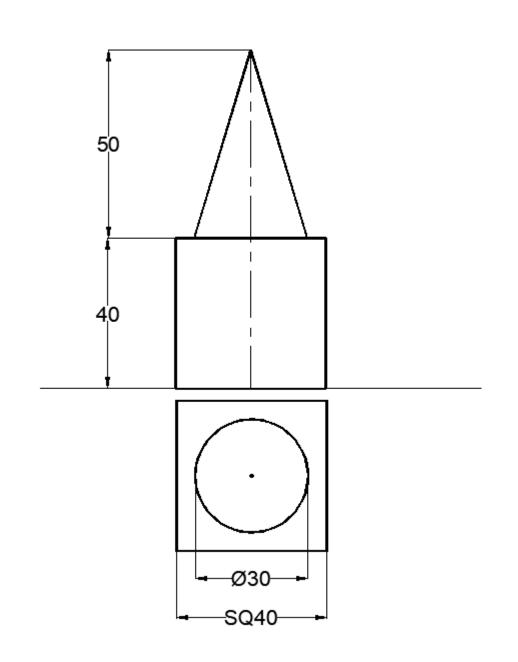


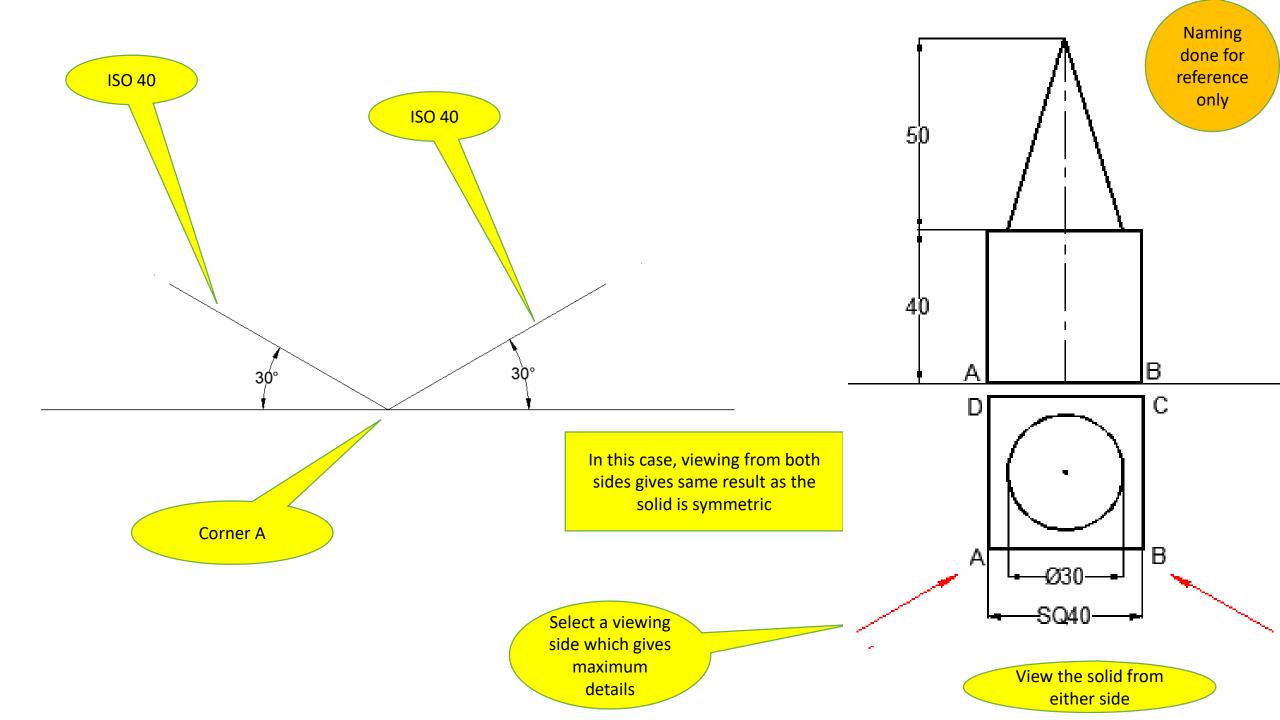


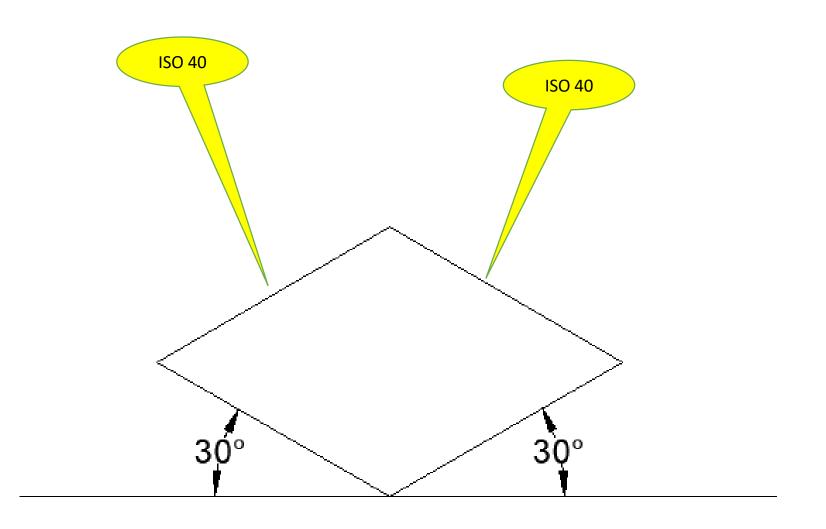


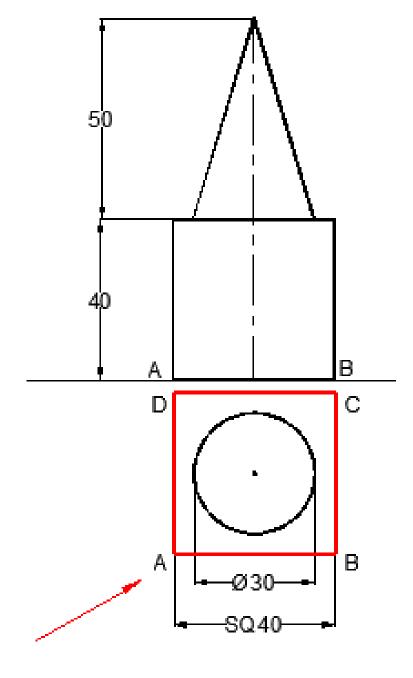
QUESTION BANK: ISOMETRIC PROJECTION PROBLEM 1

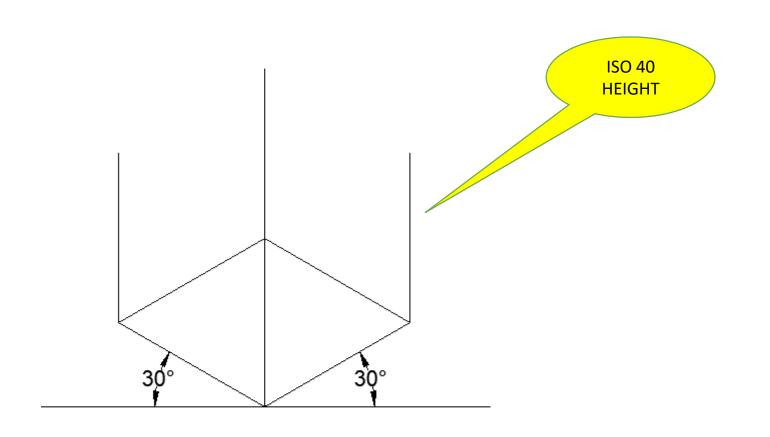
A cone of base diameter 30mm and height 50mm rests centrally over the cube of 40mm side. Draw the isometric projection of the combination of solids.

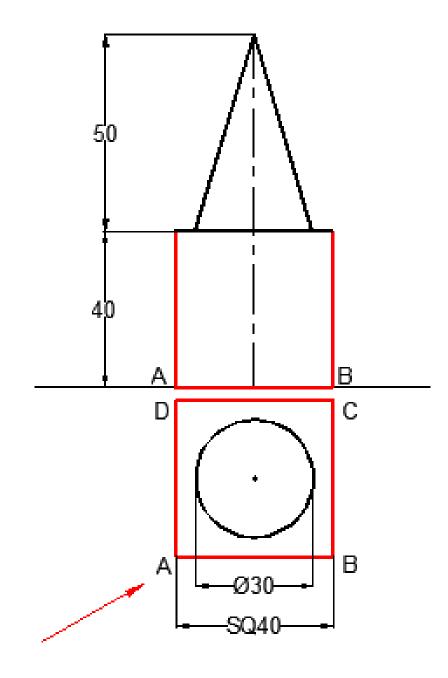












Initially draw all lines lightly

Do not erase construction lines
It is erased in this case for clarity purpose

