## Projection of solid

## Case1: Axis perpendicular to the HP



EX. 1 A square base pyramid side 40 mm and height 85 mm axis perpendicular HP and parallel to VP. Draw the projection. (all base side are equally inclined to the VP)

Sol.


Case 2: Axis perpendicular to the VP


Ex. 1 A square base pyramid side 40 mm and height 65 mm axis parallel to HP. Draw the projection.

Sol.


Ex. 2 A Hexagonal base pyramid side 40 mm and height 65 mm axis parallel to HP. Draw the projection Sol.


## Case 3: Axis inclined to the HP and parallel to the V.P


$8 \times \operatorname{sis} \cdot 0,01$
base -abed top. 1234 Axita. 0 linelined to H.P. 3S abd parallel to
(axisinelined)

Ex. 1 A square base pyramid side 40 mm and height 85 mm axis inclined to $\mathrm{HP} 38^{\circ}$ and parallel to VP. Draw the projection. (all base side are equally inclined to the VP)

Sol.


