

Assignment 6

Projection of Planes

1. A 45° set square has its hypotenuse 100 mm long and is kept on the HP in such a way that its hypotenuse is touching the HP and perpendicular to the VP. Draw the projections of the set square if it is inclined at 40° to the HP.
2. A circular lamina of 50 mm diameter has its plane vertical and inclined at 30° to the VP. Its centre is 40 mm above the HP and 40 mm in front of the VP. Draw its projections.
3. A regular hexagonal lamina of 30 mm side has one side on the VP. If the lamina is inclined at 40° to the VP and perpendicular to the HP, draw its projections.