



### ISOMETRIC PROJECTION

1. A pentagonal pyramid of base side 30mm and axis length 60mm is resting on HP on its base with a side of base perpendicular to VP. Draw its isometric projection.
2. A hexagonal prism of side of base 40mm and 70mm long rests with its base on HP; two of the rectangular faces are equally inclined to VP. Draw the isometric projection.
3. A square prism of base sides 40mm height 50mm is placed centrally on a cylindrical slab diameter 70mm and thickness 30mm. Draw the isometric projection of the combination of solids.
4. A cone of base diameter 30mm and height 50mm rests centrally over the cube of side 40mm. Draw the isometric projection of the combination of solids.
5. A regular pentagonal prism of base edge 40mm and axis 50mm is mounted centrally over a cylindrical block of 80mm diameter and 30 mm thick. Draw the isometric projection of the combined solids.
6. Fig. I-1 to I-12 show the front view and top view of different objects. Draw the isometric projections for each of them.

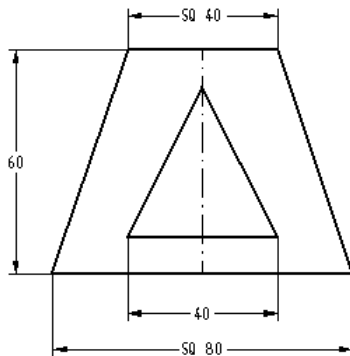


Fig. I-1

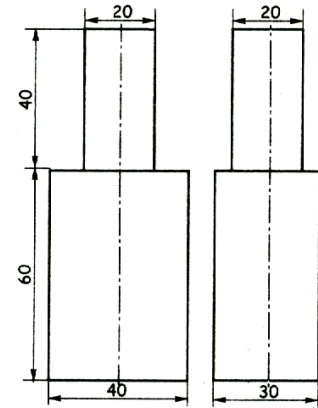


Fig. I-2

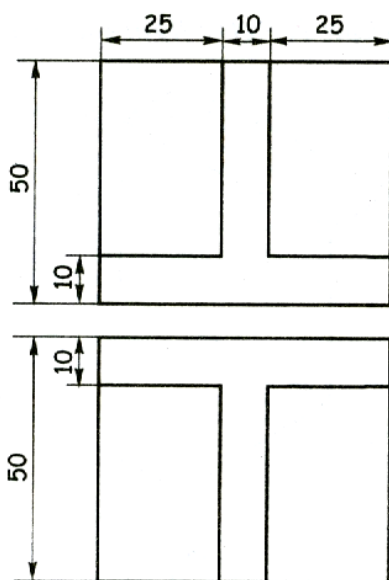


Fig. I-3

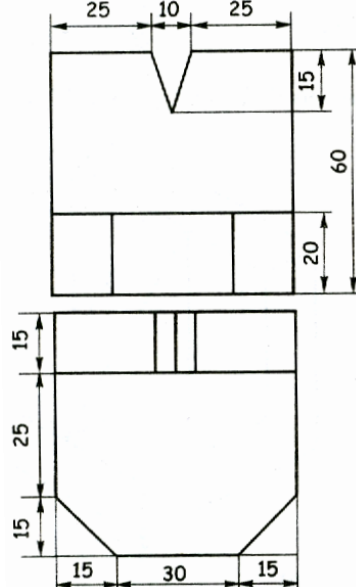


Fig. I-4

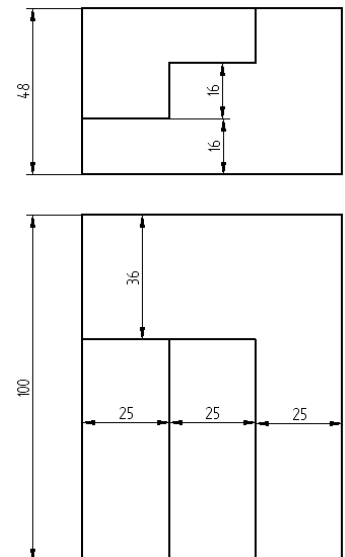


Fig. I-5

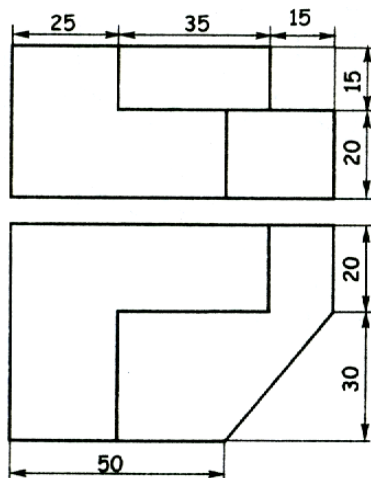


Fig. I-6

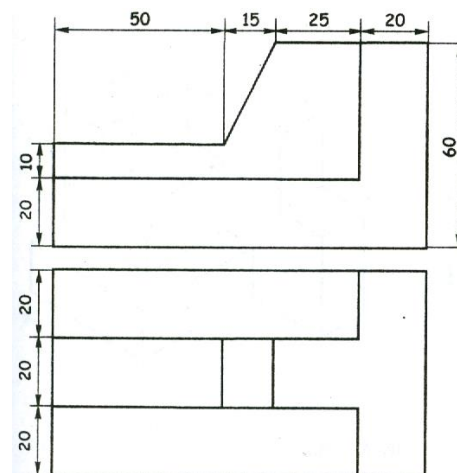


Fig. I-7

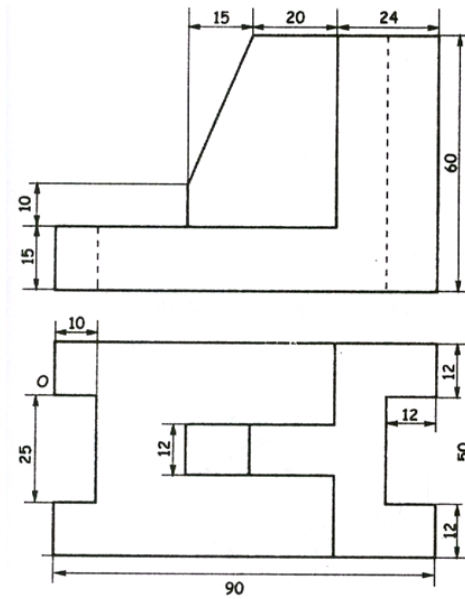


Fig. I-8

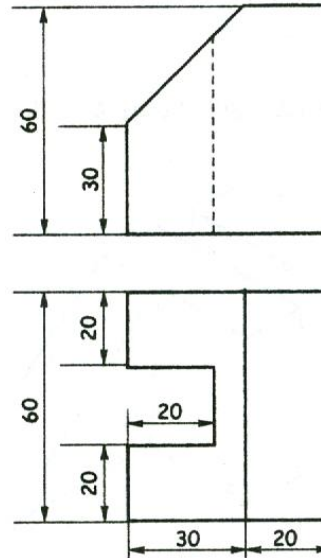


Fig. I-9

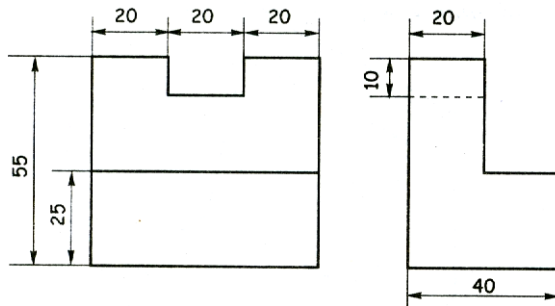


Fig. I-10

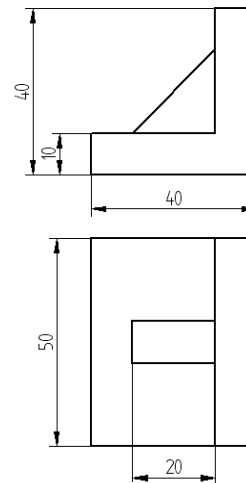


Fig. I-11

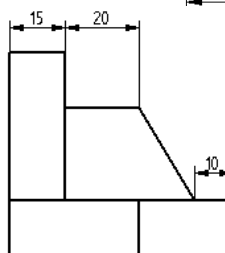
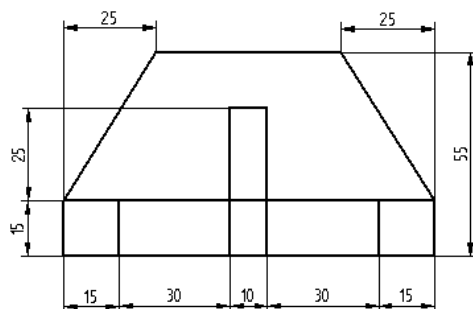


Fig. I-12

