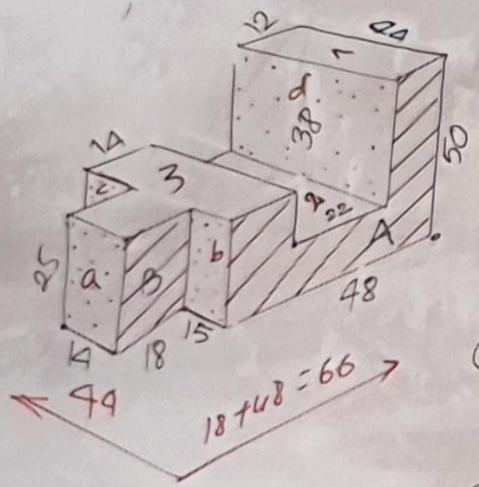
(Front view, Side view, top view)

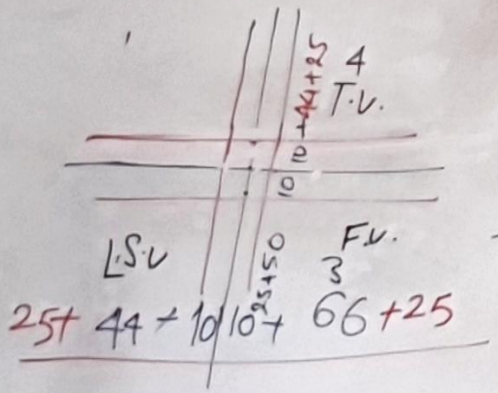
Orthographic Projection:-

- Projection lines are parallel to each other and perpendicular to picture plane.

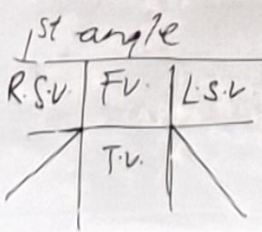
Steps:

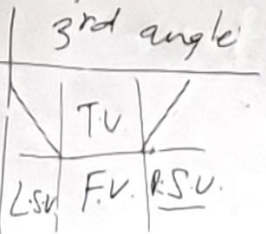
1) Identify the front face.
   a) The face indicated by arrow head, must be front face.
   b) If there is no arrow head, the longest face should be front face.
   c) If both faces are equal, the face having more informations should be front face.
2) Calculate the required area, then draw a rectangle.
   (I) Height of F.V. = Height of S.V.
   (II) Length of F.V. = length of T.V.
   (III) Height of T.V. = Length of S.V.
3) Draw X and Y axis, then 4 referance lines (1cm apart)
4) Draw rectangle for F.V. T.V and S.V
5) Draw F.V. then draw horizontal and vertical lines from all corners to S.V. and T.V.
6) Draw T.V, then draw horizontal lines from all corners to S.V.
7) Draw S.V





$\frac{91}{2} \rightarrow 180$





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