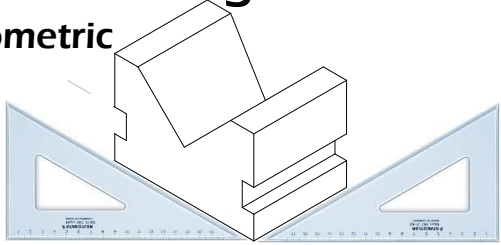


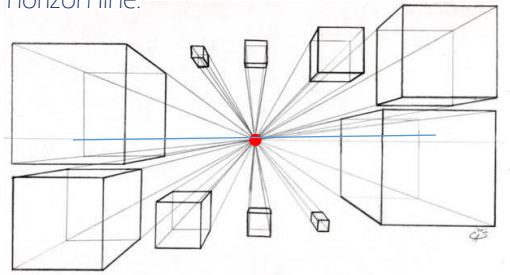
# 3D Drawings

## Isometric

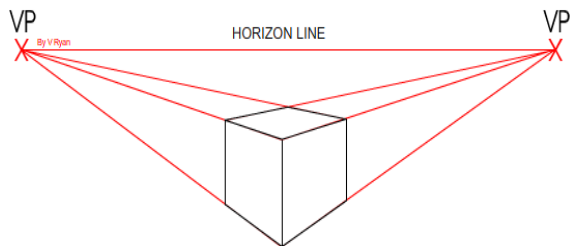


An isometric drawing is a pictorial representation of an object in which all three dimensions are drawn at full scale. It is drawing with all horizontal lines at 30° using the 60/30 set square or using an isometric grid

**One point perspective** is a drawing method that shows how things appear to get smaller as they get further away, converging towards a single 'vanishing point' (VP) on the horizon line.

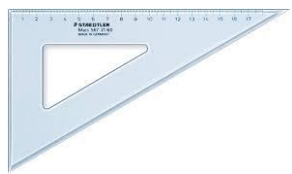


**Two-point perspective** - This shows an object from the side with two vanishing points. It gives the most realistic view of a product as it shows the item edge on, as we would see it. It is often used to produce realistic drawings of an object

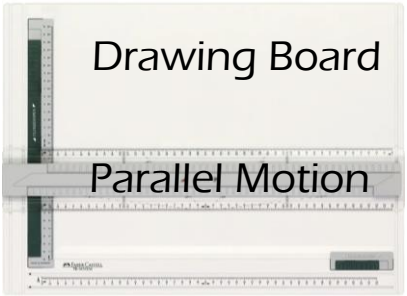


# Equipment

60/30 set square



45 set square



# Knowledge organiser Technical Drawing



# Drawing conventions

Construction Lines

Finished Line

Hidden Detail

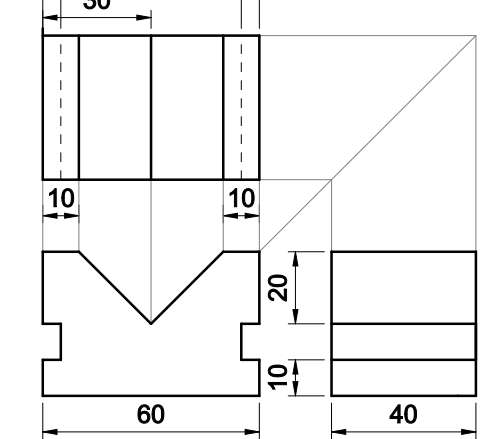
Centre Line

Dimensions

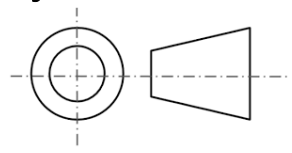
Title Block

Name		Mr Biles
Drawn by	Date	
Scale 1:4		

## Orthographic Projection



## 3rd Angle Orthographic Symbol



## Sectional Views

