

After setting up the sheet of drawing paper on a drawing board:

Draw parallel lines with the aid of a tee square and vertical lines with the aid of a set square to produce the outlines of a front view, an end view and a plan. The three rectangles required are: front view — 60 mm by 30 mm; end view — 50 mm by 30 mm; plan — 60 mm by 50 mm. Draw these outlines with a sharpened pencil in very thin, fine lines which can be easily removed with a rubber eraser.

Measure the distance between the front view and the plan. Mark this distance off from the left hand of the end view outline to give AB. Draw a vertical through AB with the aid of a set square. A compass centred at B and set to AB should produce the arc AC with C in line with the upper edge of the plan outline.

Fill in details within the end view.