17. Geometrical Constructions

- **Steps of construction for the perpendicular bisector of a line segment $\overline{PQ}$ where $\overline{PQ}$ = 9.4 cm:**
    1. Draw a line segment $\overline{PQ}$ whose length is 9.4 cm.
    2. With P as the centre and radius more than half of $\overline{PQ}$, draw a circle using compass.
    3. With the same radius and Q as the centre, draw two arcs that cut the previous circle at points A and B. Join AB to get the perpendicular bisector of $\overline{PQ}$.