## How to draw an ellipse

- In the middle of your page, draw the 16 cm long segment [AB].
- Then draw the circle $(\mathrm{C})$ with diameter the segment $[\mathrm{AB}]$.
- Mark a point M on diameter [AB].
- Draw the perpendicular line to segment $[\mathrm{AB}]$ through point M .
- This line cuts the circle in two points : point P and point R .
- Place two points in the middles of segment [MP] and segment [MR].
- Do it again and again with various points M placed regularly on the diameter.
- All together, the points situated in the various middles form an ellipse that you can draw.


