Construction of Circle

☞ A **circle** is a shape where all points have the same distance from the centre. Few real-world examples include a wheel, dining plate, coin etc.
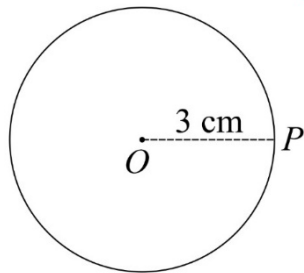
Construction of a circle with the radius = 3cm

☞ **Steps of construction:**

You have to mark the point O

Then, with O as centre and radius = 3cm, draw the circle first by using the compasses. O is the centre of the circle with radius = 3cm.

☞ **Let us now draw two circles with centre O, with radius 4 cm and 2.5 cm respectively.**

- Assume that there is just one centre that is the centre O.
- Again, we take a rule and a compass.
- Now measure 4 cm on the ruler and draw with the same 4 cm radius of a circle.
- So, one circle is drawn.
- Now for the second circle, again measure the length of 2.5cm on the ruler and using the same radius draw another circle.
- So, the second radius drawn has a radius of 2.5 cm
- Both the circles have a common centre that is O.