





 $\therefore l(OR) =$

Draw an arc with centre O and radius OR.

Let it intersect the number line at the point C.

The point C shows the number $\sqrt{3}$.

2) Show the number $\sqrt{5}$ on the number line.

Activity :

i) The point Q on the number line shows the number 2.

ii) A line (*l*) perpendicular to the number line is drawn through the point Q.

Point R is at the unit distance from Q on the line *l*.

iii) By drawing seg OR, a right angled $\triangle OQR$ is obtained.





