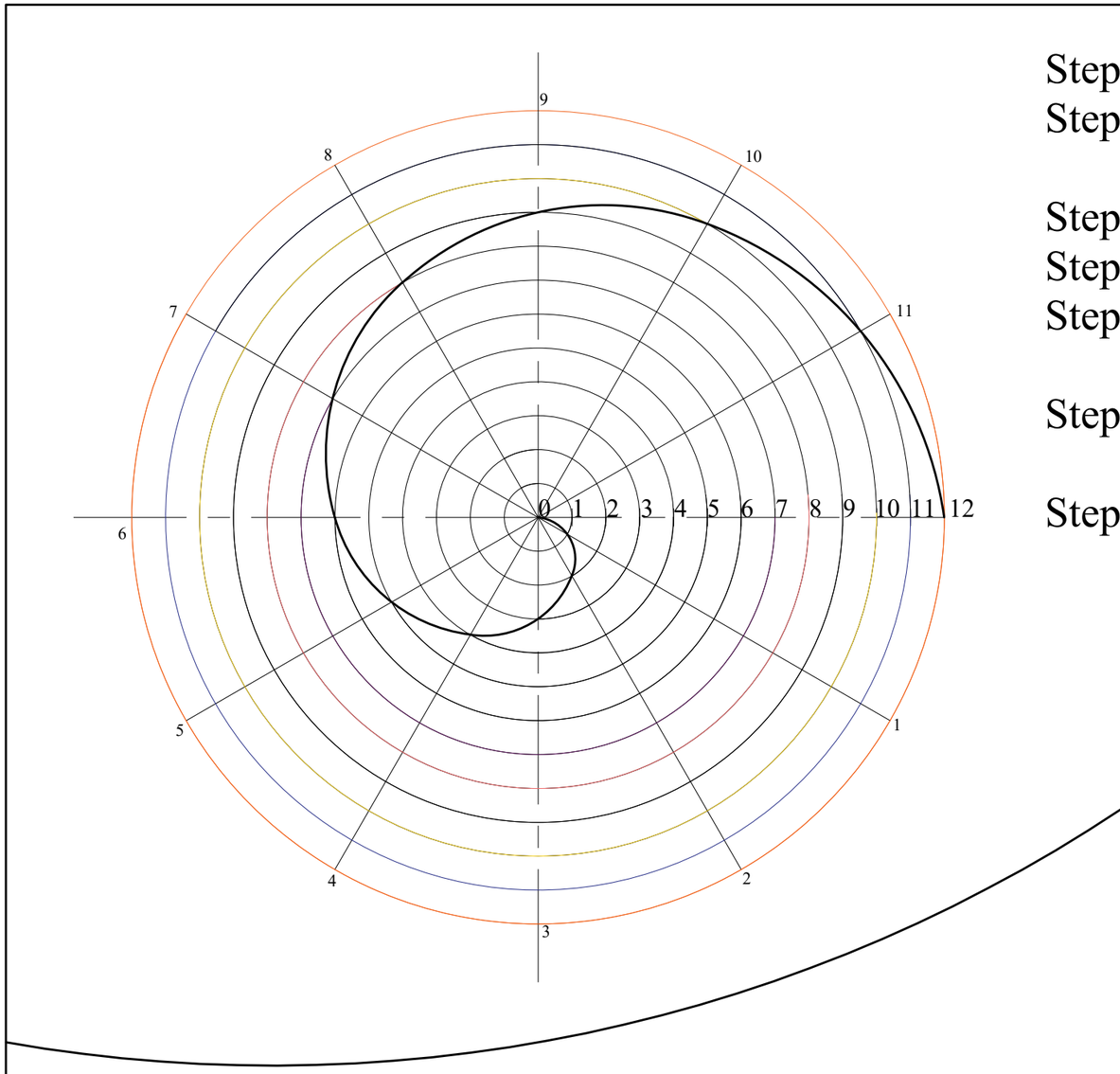
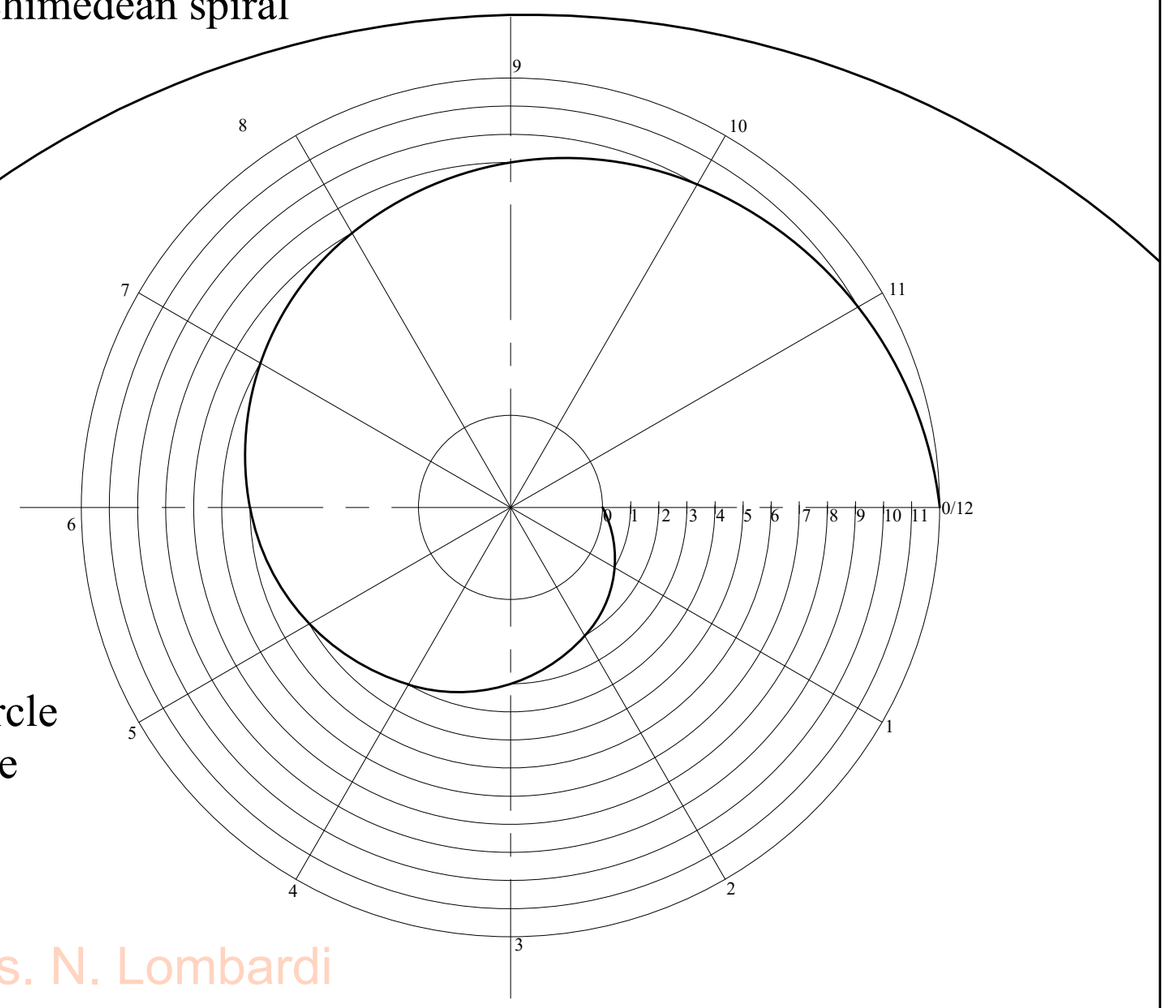



Step 1: Draw the minimum and the maximum radii circles
Step 2: Divide the distance between the two circumferences in 12 divisions
Step 3: Divide the circles in 12 sectors and number them accordingly
Step 4: Draw a circle from the centre to each division on the number line
Step 5: Take your compass and open it from the centre to the first division (1) and strike an arc to the 1st sector numbered 1
Step 6: Take your compass and open it from the centre to the second division (2) and strike an arc on the 2nd sector numbered 2
Step 7: Keep doing this for all the numbers and then join to form the archimedean spiral




In this example, we introduced the minimum radius so we divided the distance between the small circle and the larger circle in 12 parts. Then we continued the archimedean spiral as in the previous example.



ARCHIMEDEAN SPIRAL