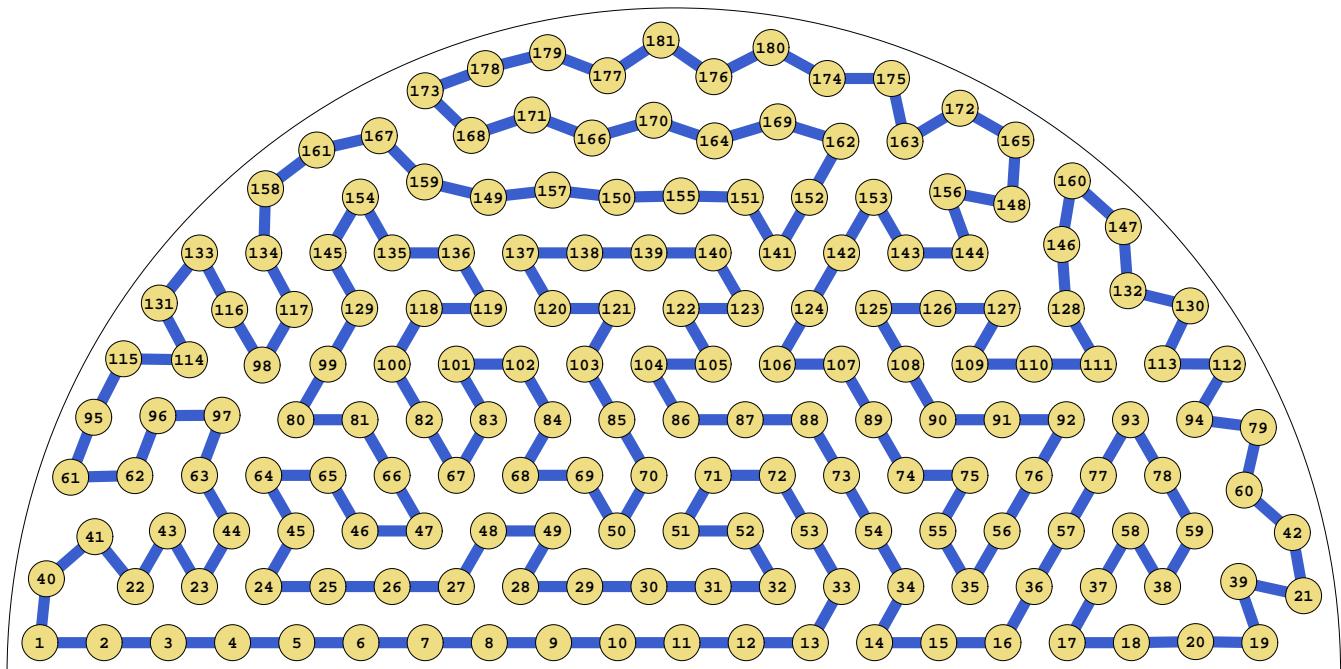


# 181 circles in a semicircle



**radius = 0.048142630866**  
**ratio = 20.771610981824**     
 **density = 0.839012072242**  
**length = 17.456460**

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