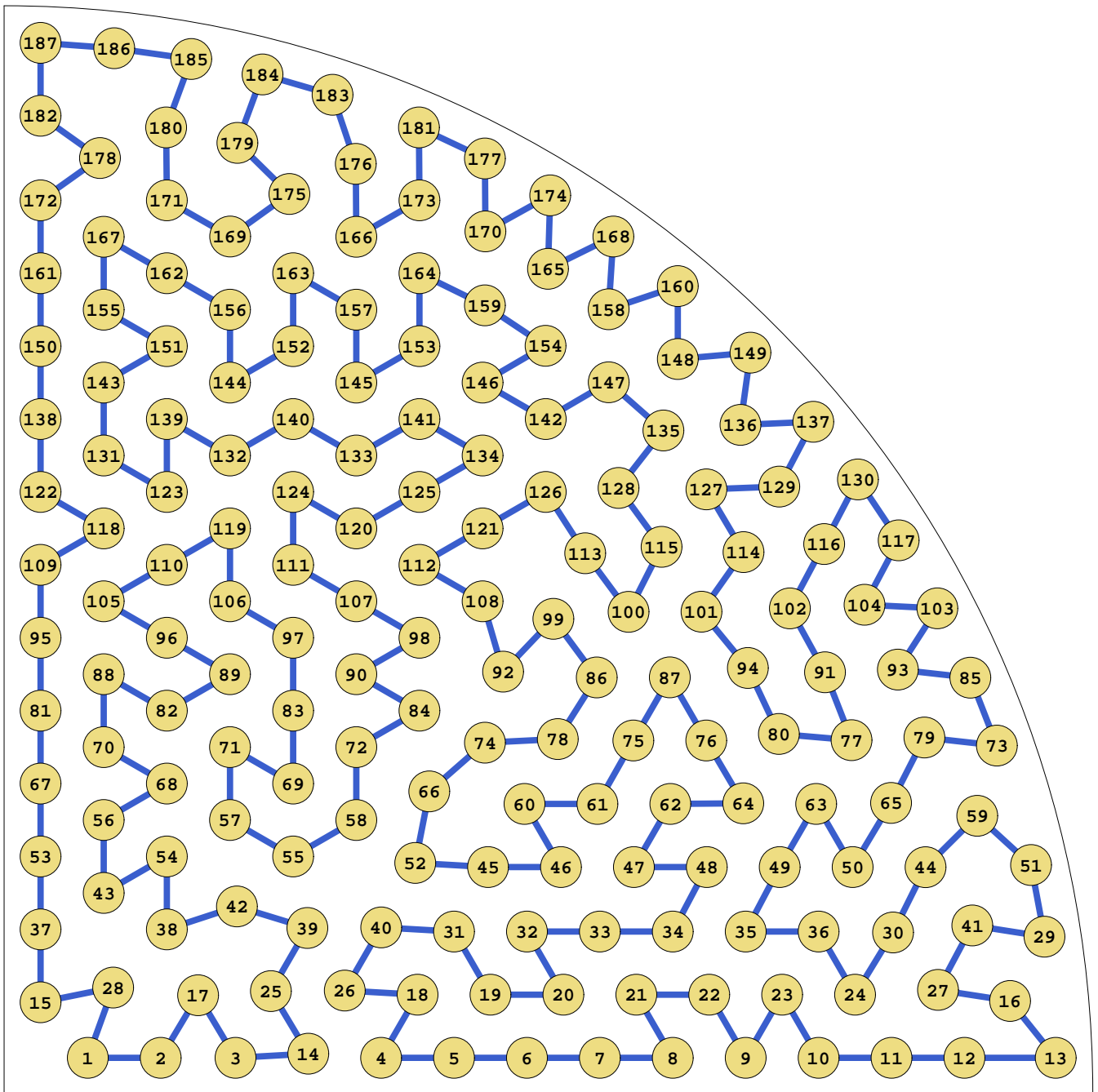# 187 circles in a circular quadrant

radius   =   0.033487956182   density = 0.838839520510
ratio   = 29.861481977867   length   =   12.556809