176 circles in a circular quadrant
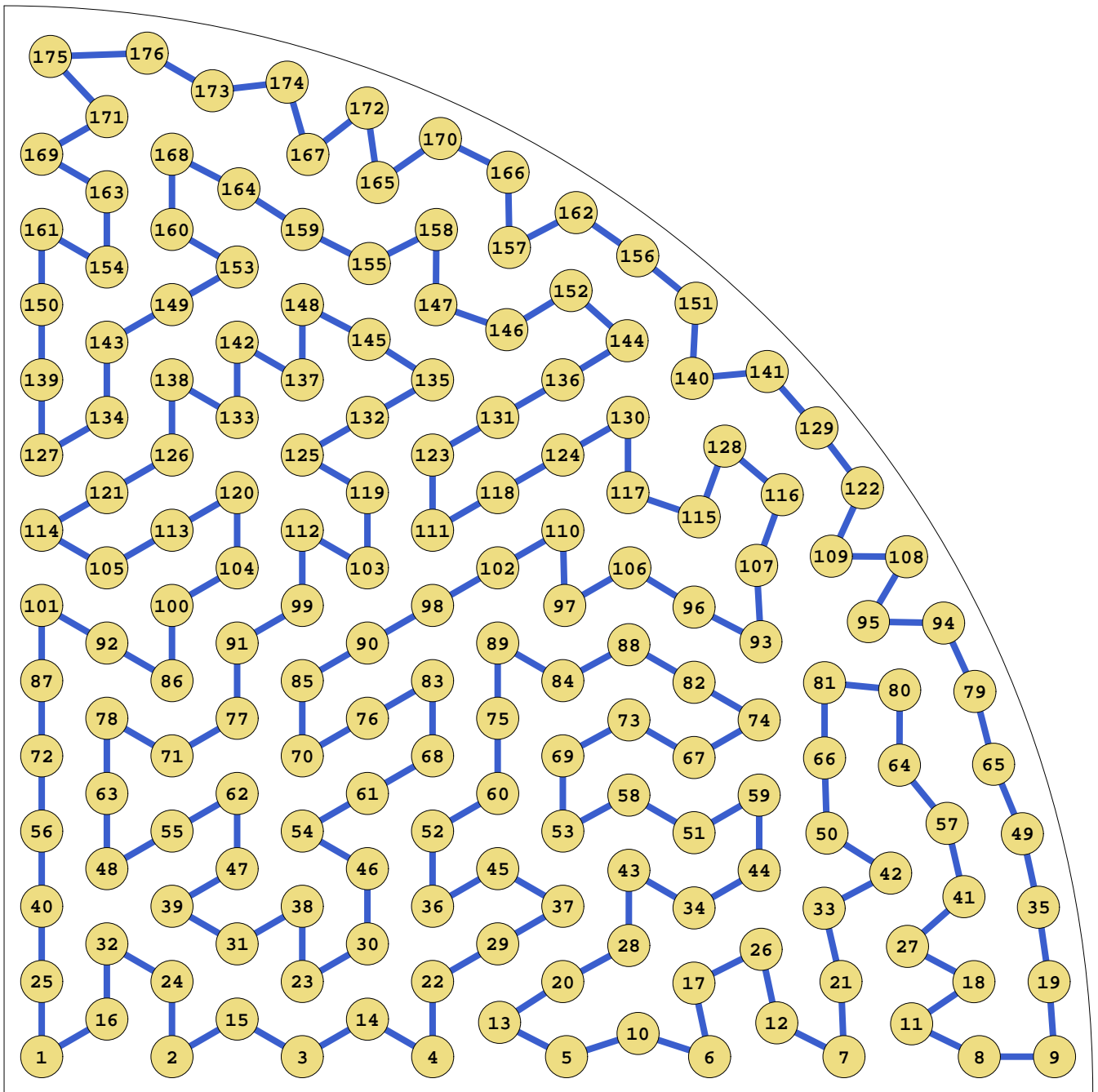
radius   =   0.034544714160   density   = 0.840109442573
ratio   = 28.947988840607   length   = 12.189506