279 circles in an isosceles right triangle
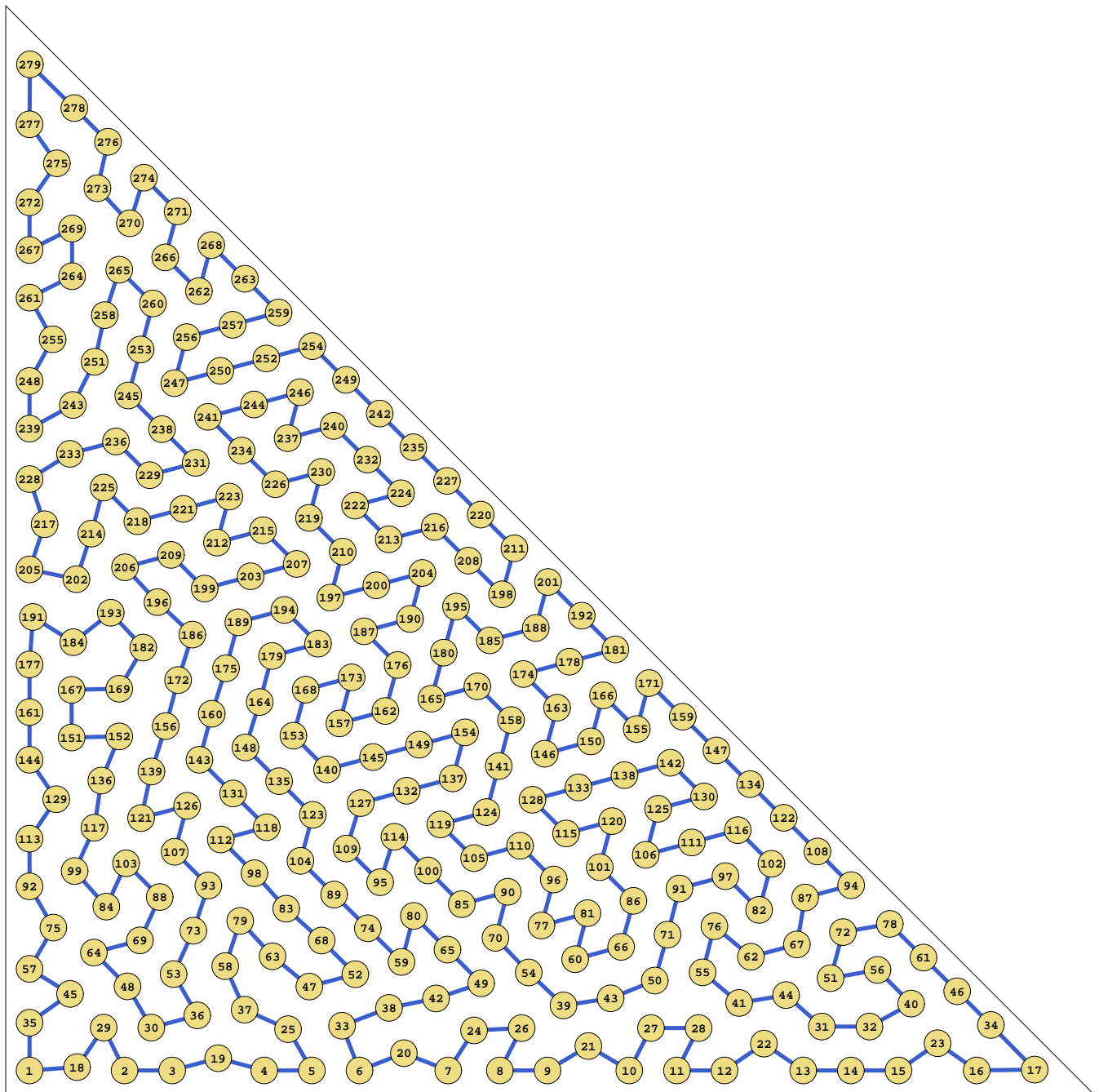

radius   =   0.021885676952   density   = 0.839661113417
ratio   =   45.691983949390   length   =   12.268879