260 circles in an isosceles right triangle
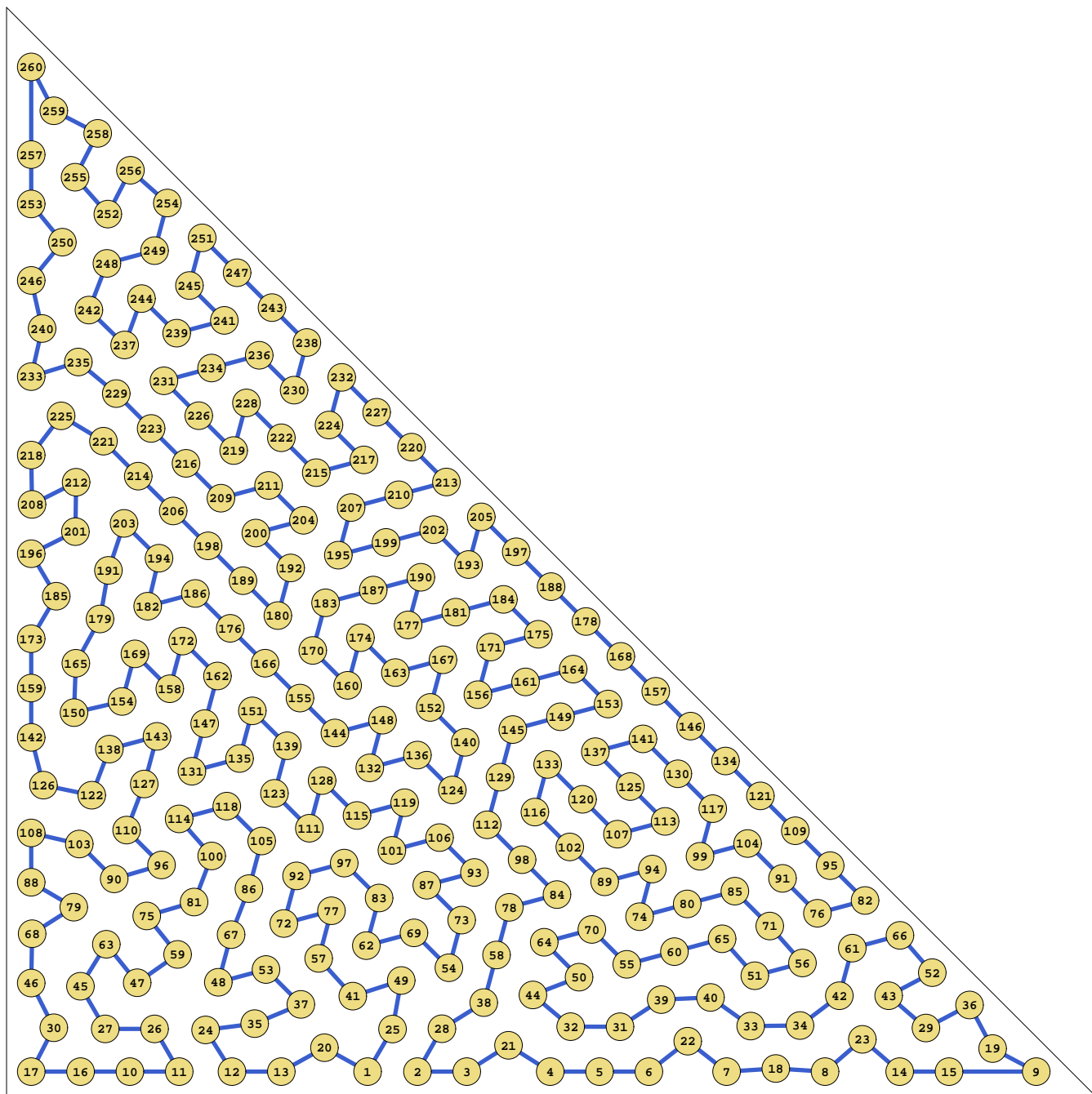
radius =   0.022647631758   density   = 0.837912764246

ratio   = 44.154727110736   length   = 11.853919