157 circles in an isosceles right triangle
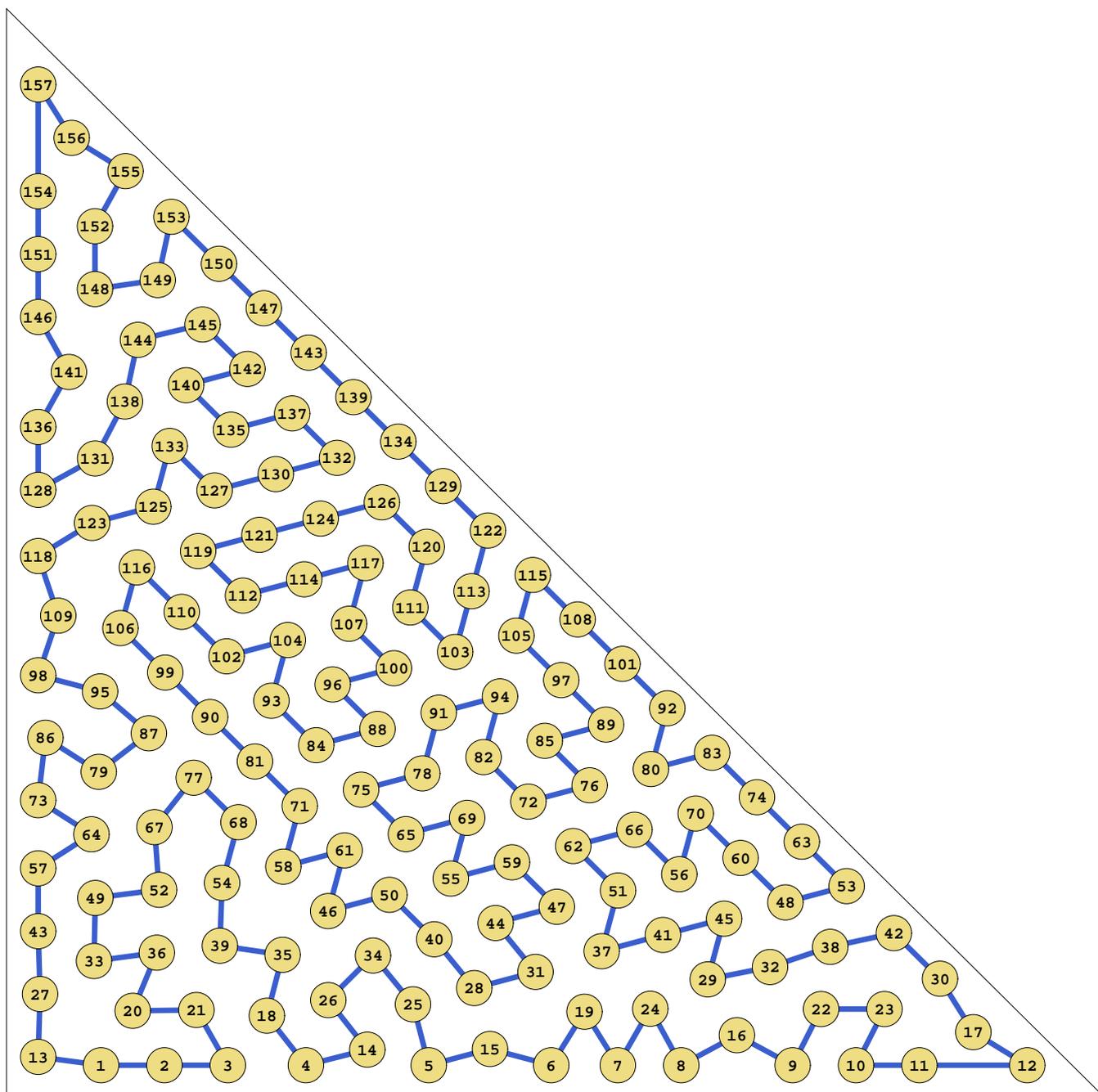

radius =   0.028889885197   density = 0.823324715692
ratio   = 34.614190855310   length   =   9.173016