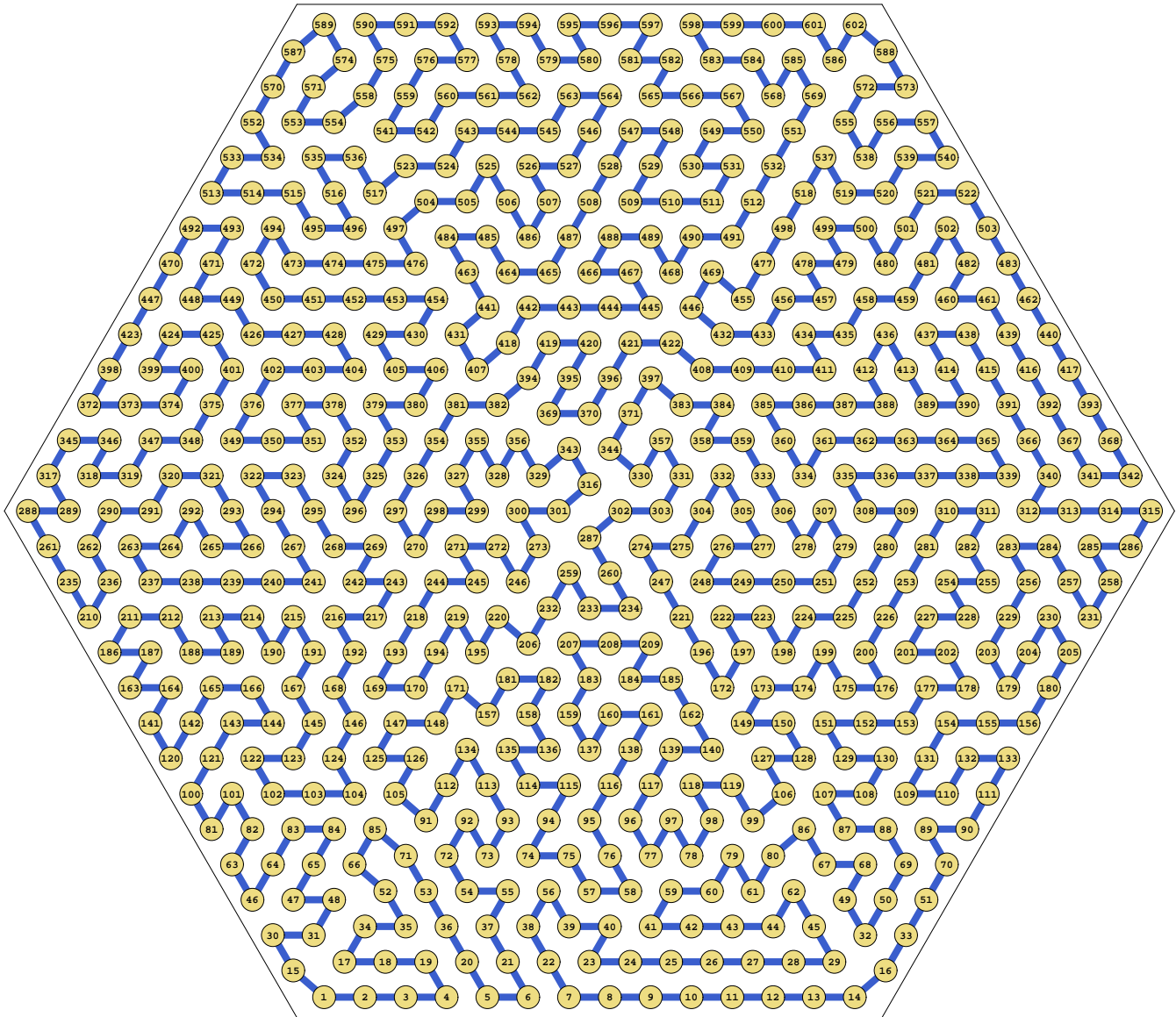# 602 circles in a hexagon

radius =   0.034883852641   density = 0.885815680961
ratio = 28.666558430094   length   =   41.999734