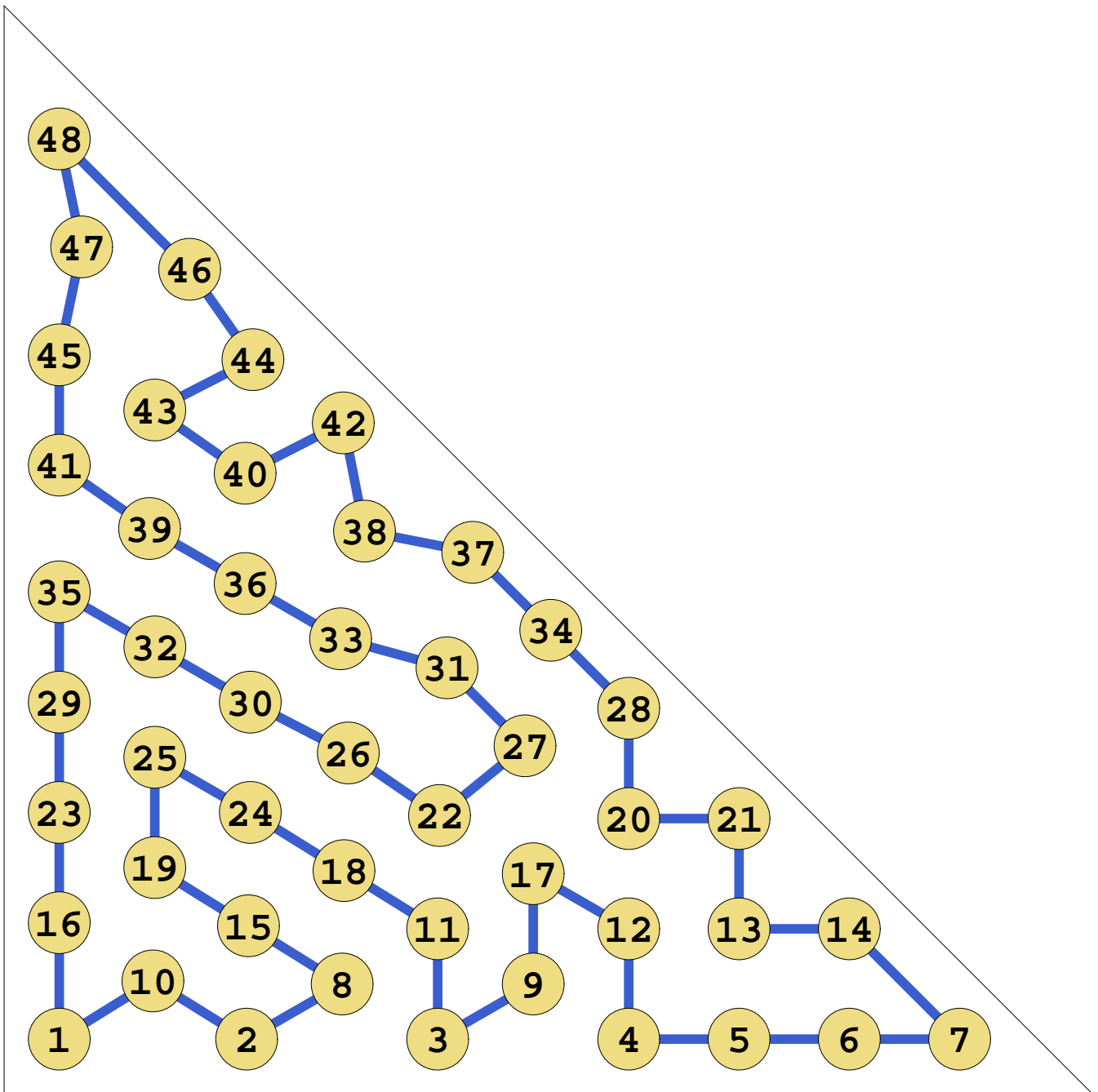# 48 circles in an isosceles right triangle

radius = 0.050659107957   density = 0.773991483519

ratio = 19.739786986458   length =   4.979333