150 circles in an isosceles right triangle
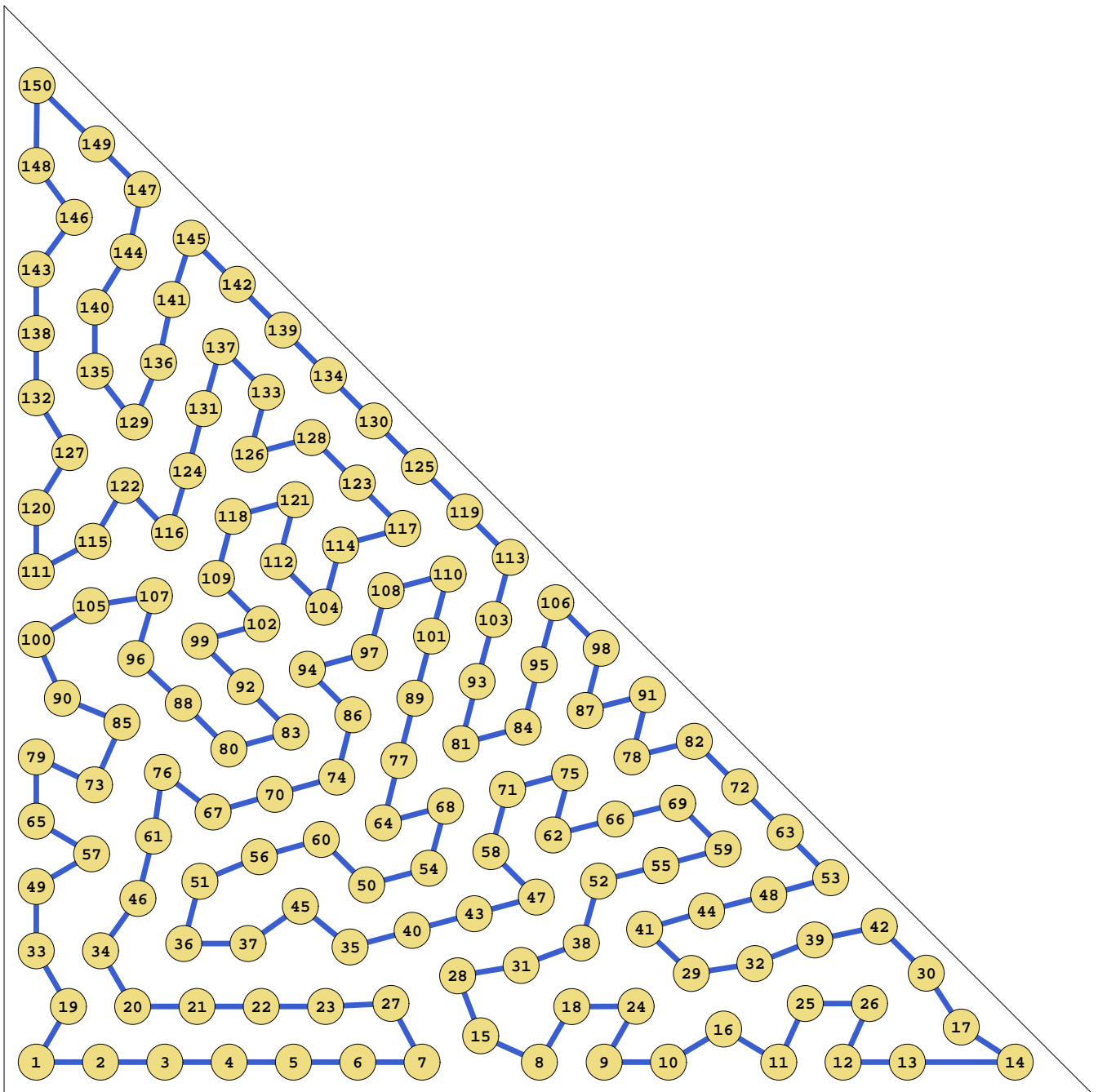
radius =   0.029530381065   density = 0.821881547241
ratio = 33.863430268253   length   =   8.945791