208 circles in an isosceles right triangle
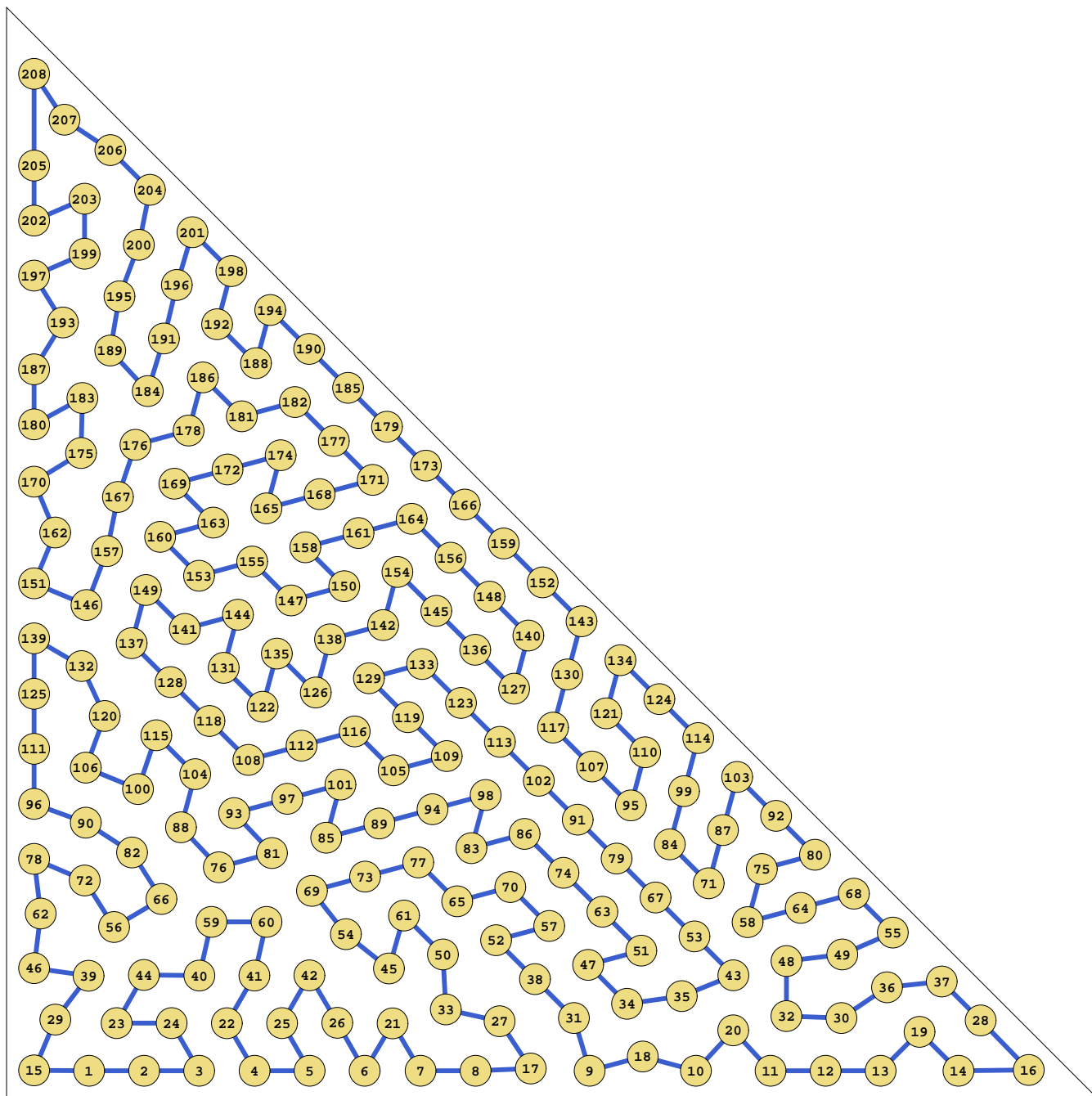

radius =   0.025222004336   density = 0.831385403418

ratio   = 39.647919597203   length   = 10.566907