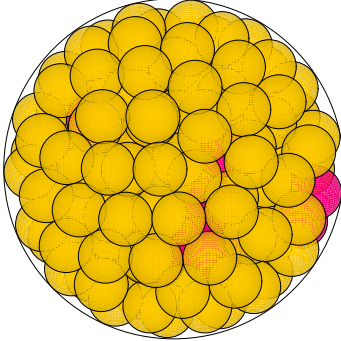


**N = 145**

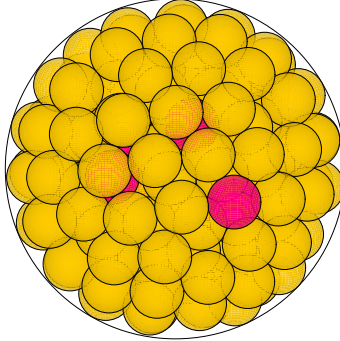
145 spheres in a sphere



radius = 0.158609167903 density = 0.578565938862  
ratio = 6.304805789105 contacts = 406

**N = 146**

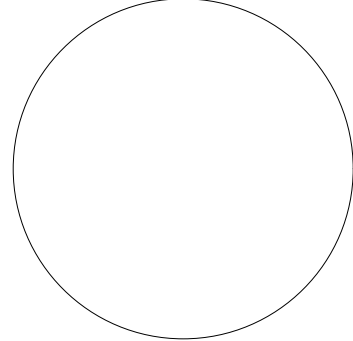
146 spheres in a sphere



radius = 0.158248840832 density = 0.578594722871  
ratio = 6.319161611184 contacts = 415

**N = 147**

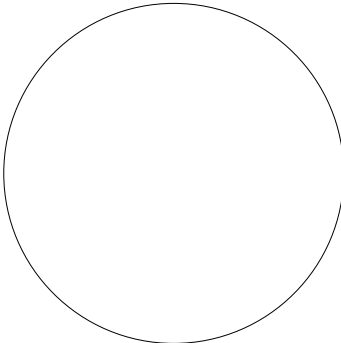
147 spheres in a sphere



radius = 0.157784117755 density = 0.577440435470  
ratio = 6.337773498552 contacts = 422

**N = 148**

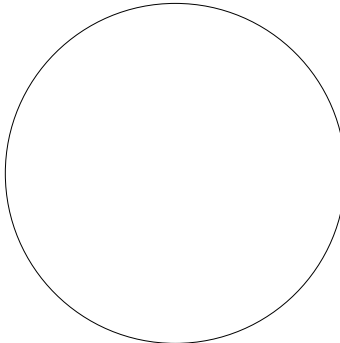
148 spheres in a sphere



radius = 0.157569359432 density = 0.578997947014  
ratio = 6.346411533338 contacts = 424

**N = 149**

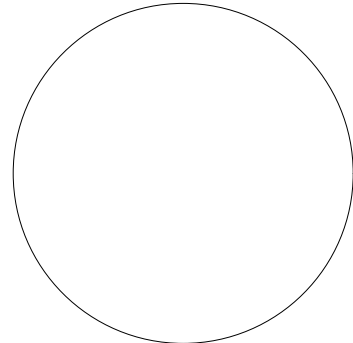
149 spheres in a sphere



radius = 0.157097566347 density = 0.577689721246  
ratio = 6.365470982460 contacts = 409

**N = 150**

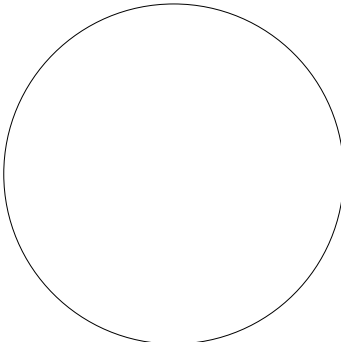
150 spheres in a sphere



radius = 0.156791541716 density = 0.578174789018  
ratio = 6.377895064090 contacts = 412

**N = 151**

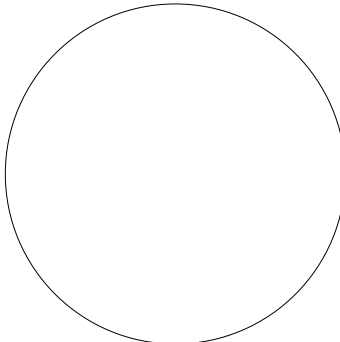
151 spheres in a sphere



radius = 0.156639601709 density = 0.580338867384  
ratio = 6.384081605734 contacts = 267

**N = 152**

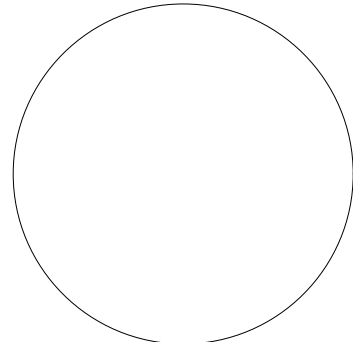
152 spheres in a sphere



radius = 0.156045993115 density = 0.57765778025  
ratio = 6.408367046394 contacts = 433

**N = 153**

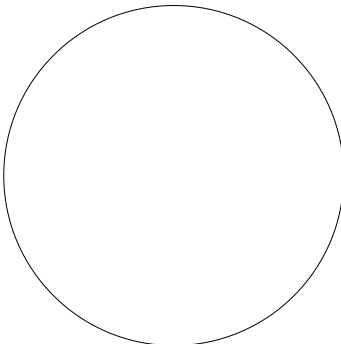
153 spheres in a sphere



radius = 0.155704877618 density = 0.577561297462  
ratio = 6.42240638781 contacts = 433

**N = 154**

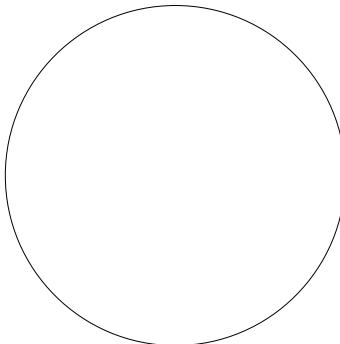
154 spheres in a sphere



radius = 0.155370357768 density = 0.577597384764  
ratio = 6.436234133497 contacts = 445

**N = 155**

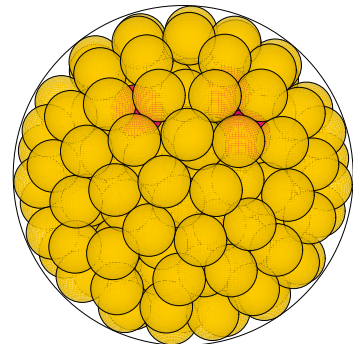
155 spheres in a sphere



radius = 0.154990721956 density = 0.577096980376  
ratio = 6.451999109236 contacts = 430

**N = 156**

156 spheres in a sphere



radius = 0.154643961095 density = 0.576930493762  
ratio = 6.466466539781 contacts = 451