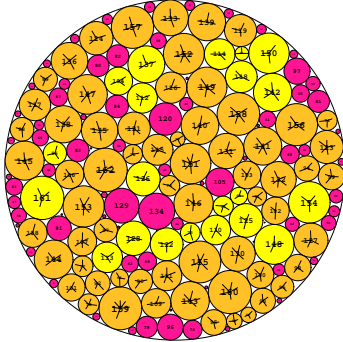


N = 162

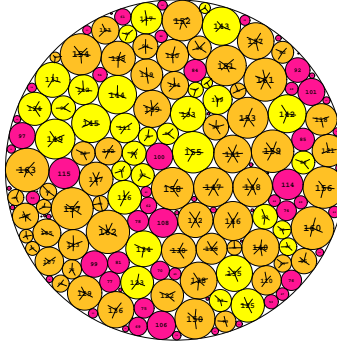
162 circles in a circle



radius = 0.128287399747 density = 0.896959234640
 ratio = 1262.789645121470 contacts = 170

N = 163

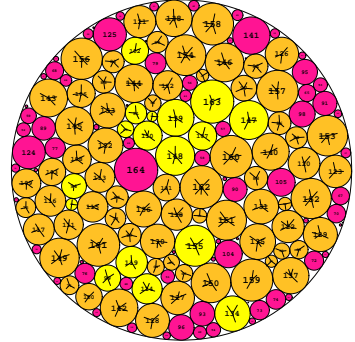
163 circles in a circle



radius = 0.127956003172 density = 0.897788582381
 ratio = 1273.875363084687 contacts = 186

N = 164

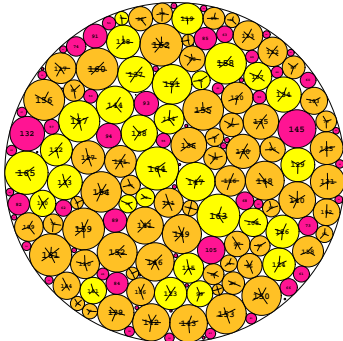
164 circles in a circle



radius = 0.127524654987 density = 0.897166519528
 ratio = 1286.023827845722 contacts = 176

N = 165

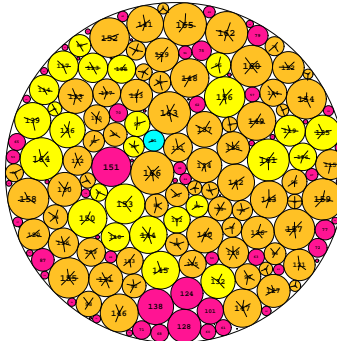
165 circles in a circle



radius = 0.127166908880 density = 0.897530252629
 ratio = 1297.507389185896 contacts = 194

N = 166

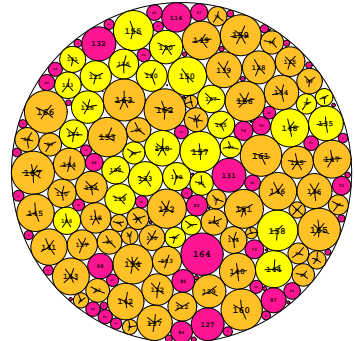
166 circles in a circle



radius = 0.126900820942 density = 0.897729500390
 ratio = 1309.139789207574 contacts = 197

N = 167

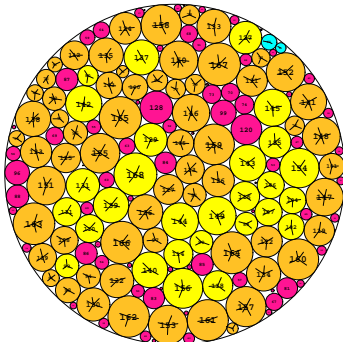
167 circles in a circle



radius = 0.126544220040 density = 0.897590584016
 ratio = 1321.053818517010 contacts = 184

N = 168

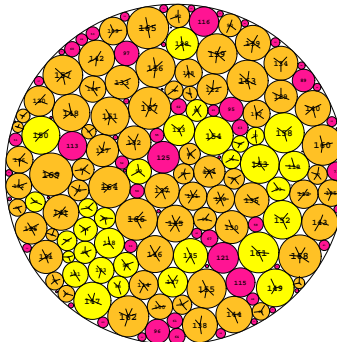
168 circles in a circle



radius = 0.126051280677 density = 0.897740045685
 ratio = 1332.790901427091 contacts = 184

N = 169

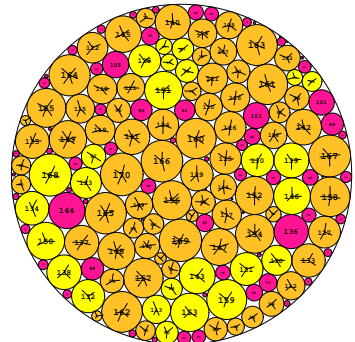
169 circles in a circle



radius = 0.125694928811 density = 0.897937640899
 ratio = 1344.525205813331 contacts = 202

N = 170

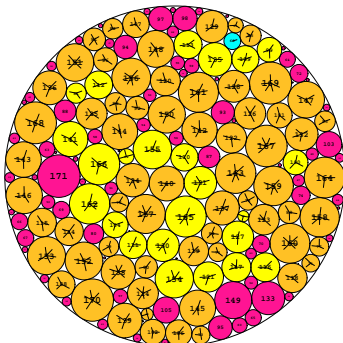
170 circles in a circle



radius = 0.125352179372 density = 0.898284892331
 ratio = 1356.179053695771 contacts = 198

N = 171

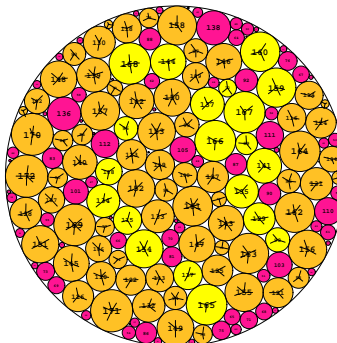
171 circles in a circle



radius = 0.124969070585 density = 0.898008166175
 ratio = 1368.338575293149 contacts = 181

N = 172

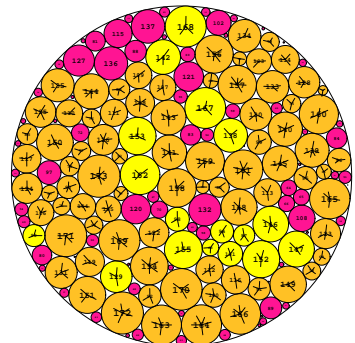
172 circles in a circle



radius = 0.124607957201 density = 0.897990717111
 ratio = 1380.335615897795 contacts = 180

N = 173

173 circles in a circle



radius = 0.124292372480 density = 0.898608092371
 ratio = 1391.879457665946 contacts = 192