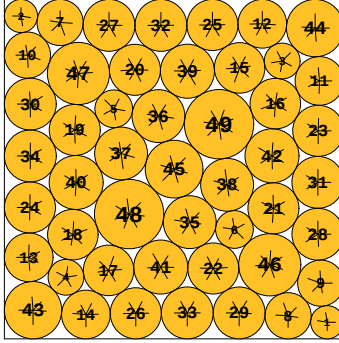
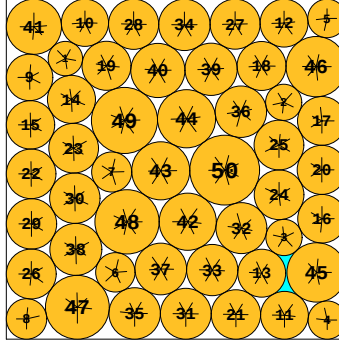


N = 49
49 circles in a square



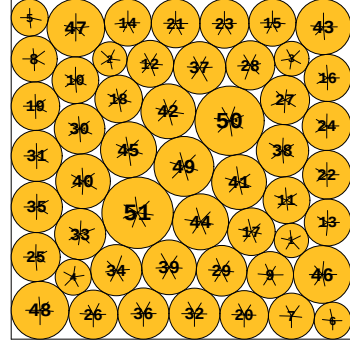
sumradII = 3.655413576541 density = 0.874887674261
sumperim = 22.967640876787 contacts = 148

N = 50
50 circles in a square



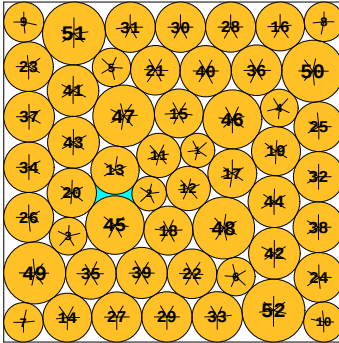
sumradII = 3.691712400780 density = 0.874835126816
sumperim = 23.195713114914 contacts = 150

N = 51
51 circles in a square



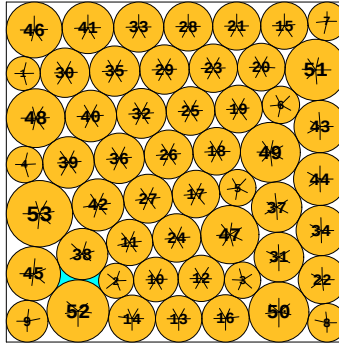
sumradII = 3.729658093746 density = 0.875234133070
sumperim = 23.434132935431 contacts = 154

N = 52
52 circles in a square



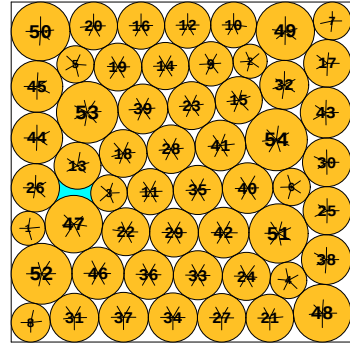
sumradII = 3.76623110734 density = 0.87457686263
sumperim = 22.663940544779 contacts = 156

N = 53
53 circles in a square



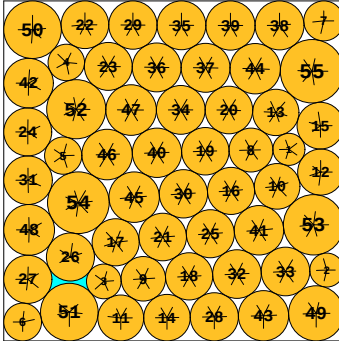
sumradII = 3.804408802064 density = 0.875187663456
sumperim = 23.963895487257 contacts = 159

N = 54
54 circles in a square



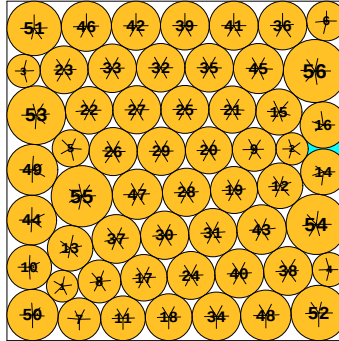
sumradII = 3.842635794938 density = 0.875323993776
sumperim = 24.143992767596 contacts = 162

N = 55
55 circles in a square



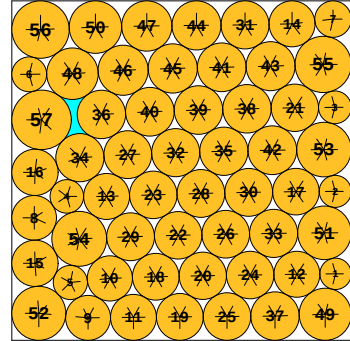
sumradII = 3.882016352766 density = 0.874956093662
sumperim = 24.391428109932 contacts = 165

N = 56
56 circles in a square



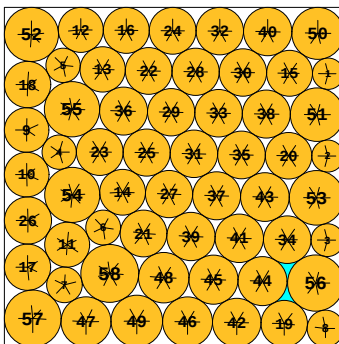
sumradII = 3.918995278232 density = 0.875807611834
sumperim = 24.62377551093 contacts = 168

N = 57
57 circles in a square



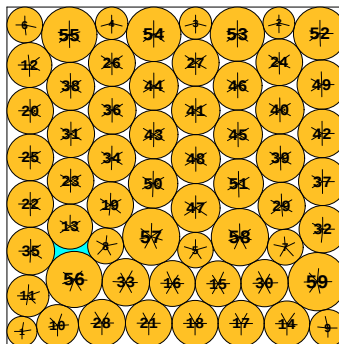
sumradII = 3.954683754497 density = 0.875857632327
sumperim = 24.848010808000 contacts = 171

N = 58
58 circles in a square



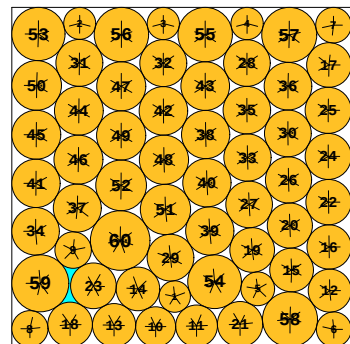
sumradII = 3.990566331646 density = 0.876764162060
sumperim = 25.073467742321 contacts = 174

N = 59
59 circles in a square



sumradII = 4.023613974606 density = 0.877500688539
sumperim = 25.28112297007 contacts = 177

N = 60
60 circles in a square



sumradII = 4.057375010904 density = 0.877861322733
sumperim = 25.493239054230 contacts = 180