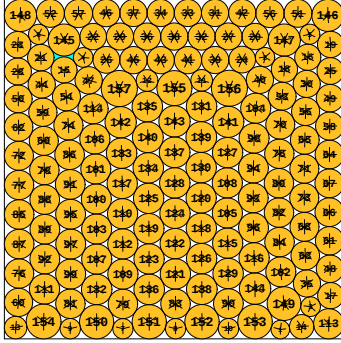


N = 157

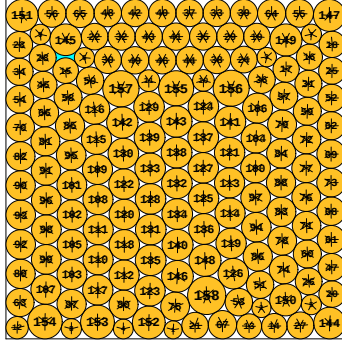
157 circles in a square



sumrad11 = 6.622760196299 density = 0.888517839104
sumperim = 41.612029558360 contacts = 471

N = 158

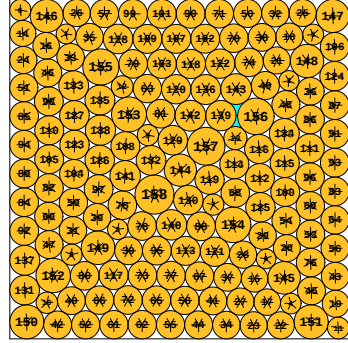
158 circles in a square



sumrad11 = 6.643473474167 density = 0.888291881535
sumperim = 41.742174921523 contacts = 474

N = 159

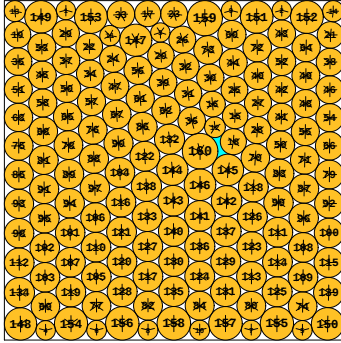
159 circles in a square



sumrad11 = 6.663891763480 density = 0.8887839630787
sumperim = 41.870466816933 contacts = 477

N = 160

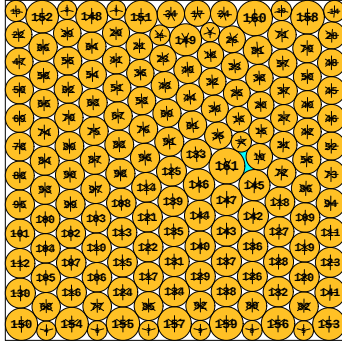
160 circles in a square



sumrad11 = 6.686377484769 density = 0.888483808233
sumperim = 42.011748779557 contacts = 480

N = 161

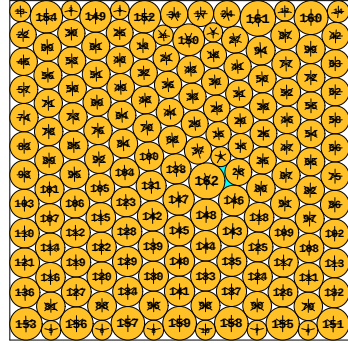
161 circles in a square



sumrad11 = 6.707499445479 density = 0.888622538986
sumperim = 42.144461963748 contacts = 483

N = 162

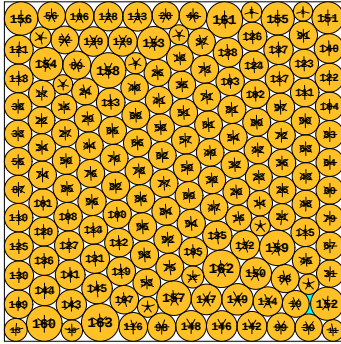
162 circles in a square



sumrad11 = 6.728706099717 density = 0.888773453818
sumperim = 42.277767382070 contacts = 486

N = 163

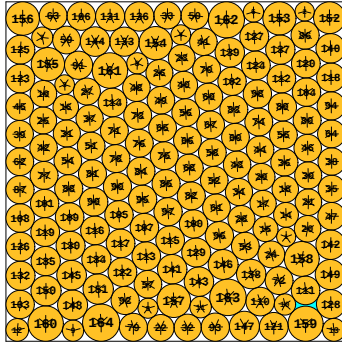
163 circles in a square



sumrad11 = 6.749584271556 density = 0.88897402681
sumperim = 42.408888724611 contacts = 489

N = 164

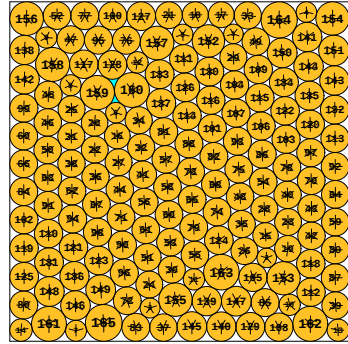
164 circles in a square



sumrad11 = 6.771359627575 density = 0.887911575755
sumperim = 42.5455650772940 contacts = 492

N = 165

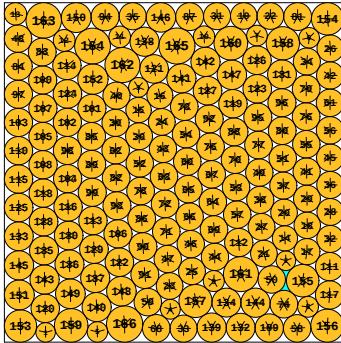
165 circles in a square



sumrad11 = 6.792830162827 density = 0.888083577627
sumperim = 42.680610673240 contacts = 495

N = 166

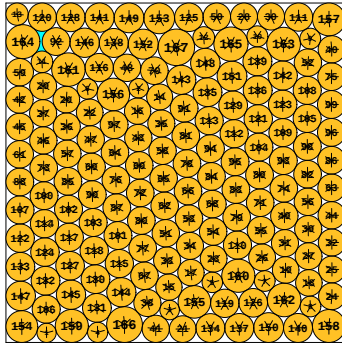
166 circles in a square



sumrad11 = 6.814618735083 density = 0.888073056170
sumperim = 42.8175122310384 contacts = 498

N = 167

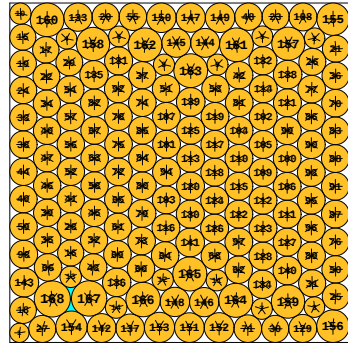
167 circles in a square



sumrad11 = 6.836877925711 density = 0.887833393430
sumperim = 42.957376925880 contacts = 501

N = 168

168 circles in a square



sumrad11 = 6.851806347377 density = 0.888155696766
sumperim = 43.090753836914 contacts = 504