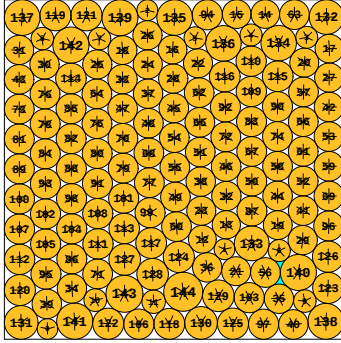


N = 145

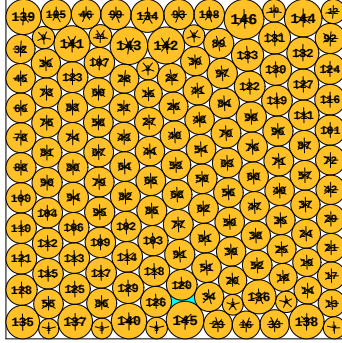
145 circles in a square



sumrad11 = 6.364667389585 density = 0.886684054251
sumperim = 39.990384627326 contacts = 435

N = 146

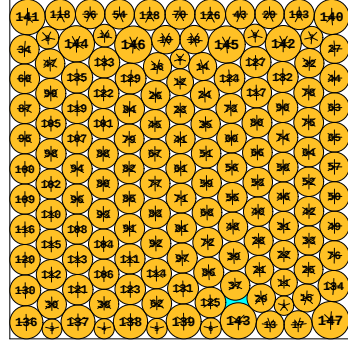
146 circles in a square



sumrad11 = 6.386708980523 density = 0.887027230866
sumperim = 40.128876027654 contacts = 438

N = 147

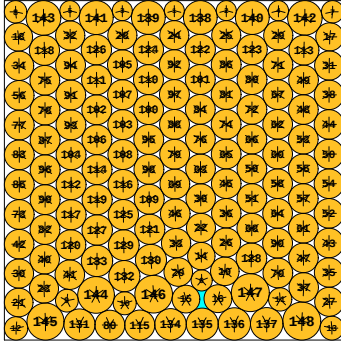
147 circles in a square



sumrad11 = 6.410094597843 density = 0.88759619574
sumperim = 40.275812194800 contacts = 441

N = 148

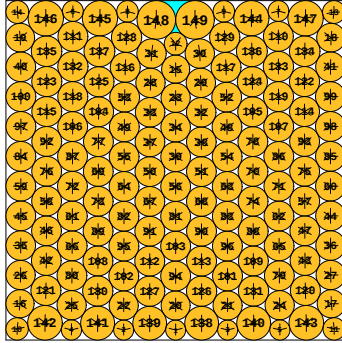
148 circles in a square



sumrad11 = 6.432461590552 density = 0.887321218416
sumperim = 40.416348154753 contacts = 444

N = 149

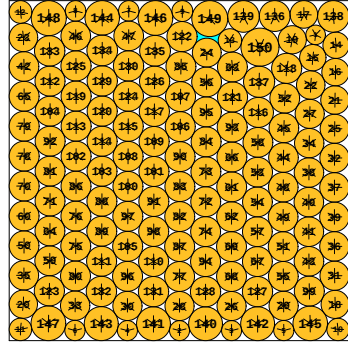
149 circles in a square



sumrad11 = 6.45635125839 density = 0.888302731348
sumperim = 40.561951771184 contacts = 447

N = 150

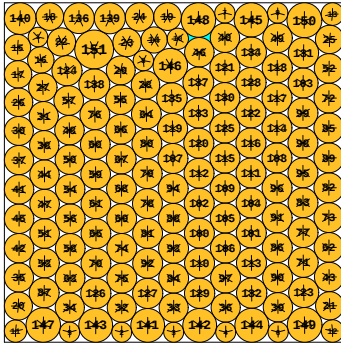
150 circles in a square



sumrad11 = 6.478189273849 density = 0.888174096402
sumperim = 40.703663657958 contacts = 450

N = 151

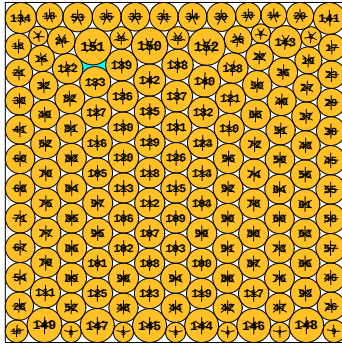
151 circles in a square



sumrad11 = 6.499345635645 density = 0.888368380995
sumperim = 40.836598659932 contacts = 453

N = 152

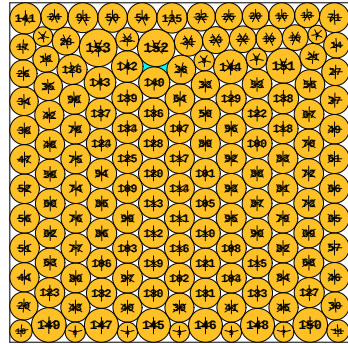
152 circles in a square



sumrad11 = 6.528366829754 density = 0.888195923564
sumperim = 40.968873065581 contacts = 456

N = 153

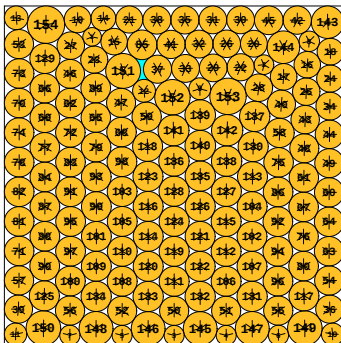
153 circles in a square



sumrad11 = 6.541489426141 density = 0.888076491824
sumperim = 41.100881311391 contacts = 459

N = 154

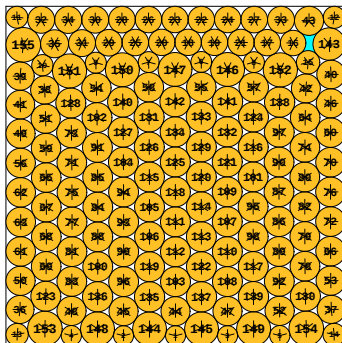
154 circles in a square



sumrad11 = 6.561927143306 density = 0.888008715319
sumperim = 41.229884213683 contacts = 462

N = 155

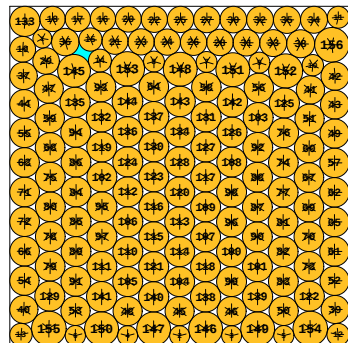
155 circles in a square



sumrad11 = 6.582091347104 density = 0.887946674330
sumperim = 41.356499642639 contacts = 465

N = 156

156 circles in a square



sumrad11 = 6.602458999560 density = 0.888070256218
sumperim = 41.484473377293 contacts = 468