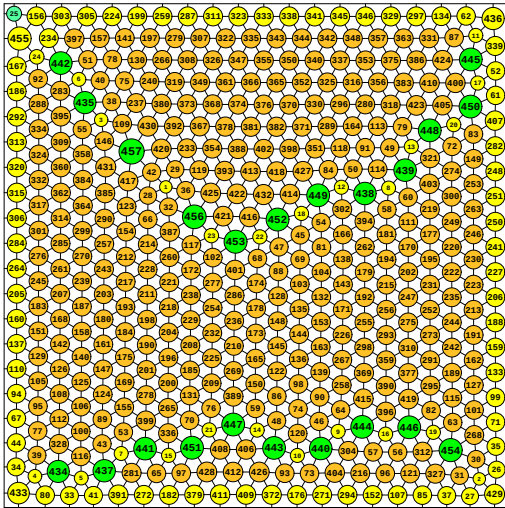


N = 457

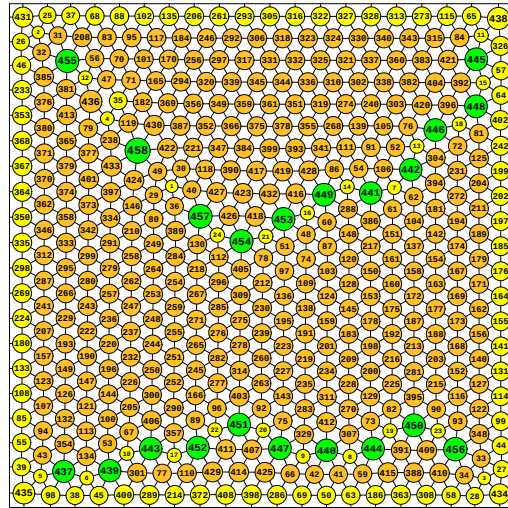
457 circles in a square



sumradii = 11.376014719495 density = 0.895419725147 © E. Sreen 29-SEP-2020
 sumperim = 71.477608539790 contacts = 1371

N = 458

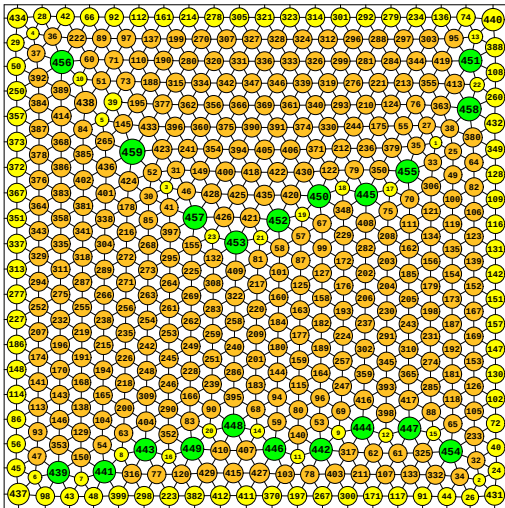
458 circles in a square



sumradii = 11.388906282299 density = 0.89544097890 © E. Sreen 29-SEP-2020
 sumperim = 71.558608617786 contacts = 1374

N = 459

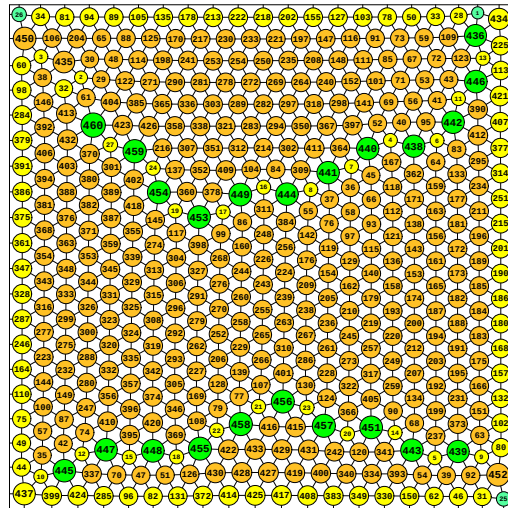
459 circles in a square



sumradii = 11.400750295653 density = 0.895467362507 © E. Sreen 29-SEP-2020
 sumperim = 71.633026748470 contacts = 1377

N = 460

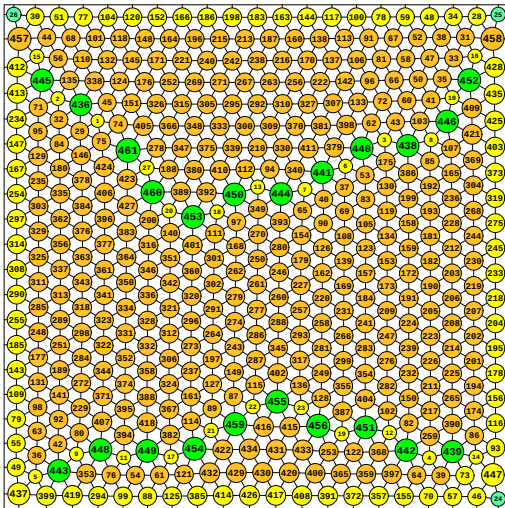
460 circles in a square



sumradii = 11.412700567346 density = 0.895570934362 © E. Sreen 29-SEP-2020
 sumperim = 71.708112519989 contacts = 1380

N = 461

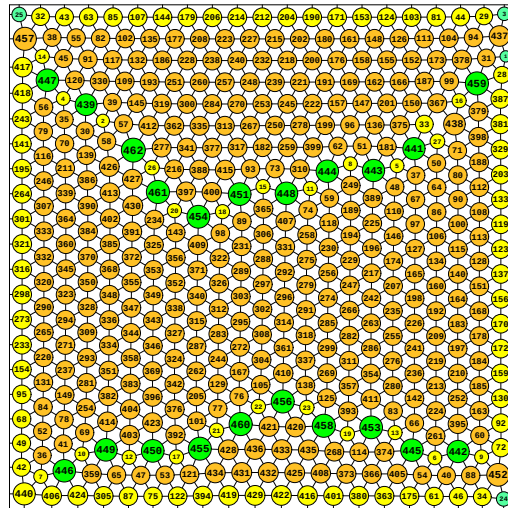
461 circles in a square



sumradii = 11.425580426420 density = 0.895486160135 © E. Sreen 29-SEP-2020
 sumperim = 71.789039061281 contacts = 1383

N = 462

462 circles in a square



sumradii = 11.437566177568 density = 0.895479427636 © E. Sreen 29-SEP-2020
 sumperim = 71.864347756789 contacts = 1386