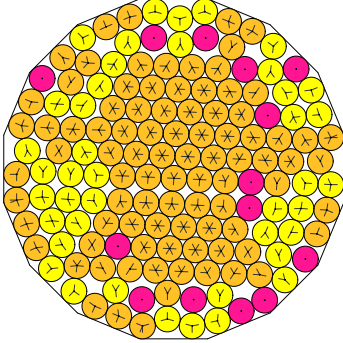


N = 145

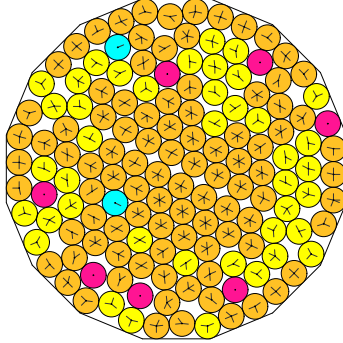
145 circles in a hexadecagon



radius = 0.074365483672 density = 0.822869643802
 ratio = 13.447098715994 contacts = 283

N = 146

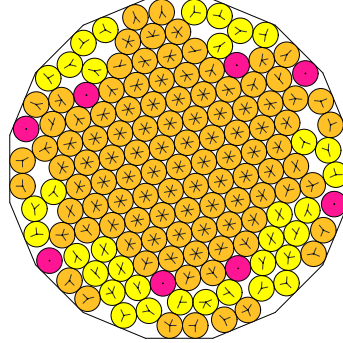
146 circles in a hexadecagon



radius = 0.074093279496 density = 0.822490170725
 ratio = 13.496500719124 contacts = 285

N = 147

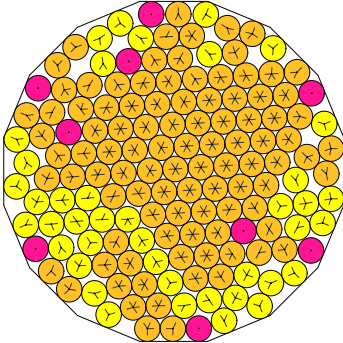
147 circles in a hexadecagon



radius = 0.073898179895 density = 0.823768239500
 ratio = 13.532133016278 contacts = 322

N = 148

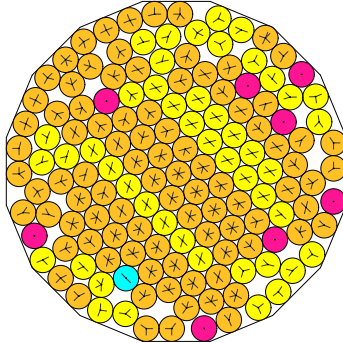
148 circles in a hexadecagon



radius = 0.073678029750 density = 0.824437899177
 ratio = 13.572567065014 contacts = 311

N = 149

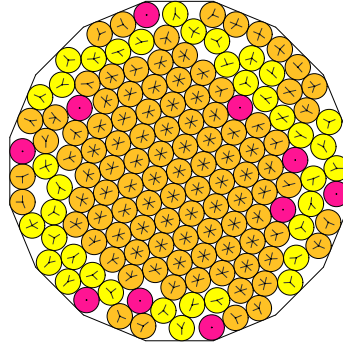
149 circles in a hexadecagon



radius = 0.073508311497 density = 0.826188960335
 ratio = 13.603903823771 contacts = 293

N = 150

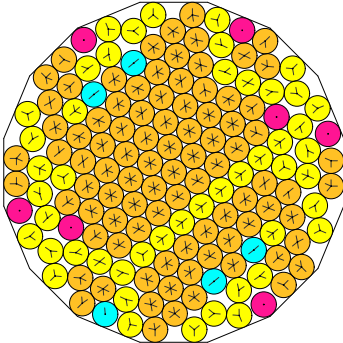
150 circles in a hexadecagon



radius = 0.073262079353 density = 0.826171036861
 ratio = 13.648626223996 contacts = 321

N = 151

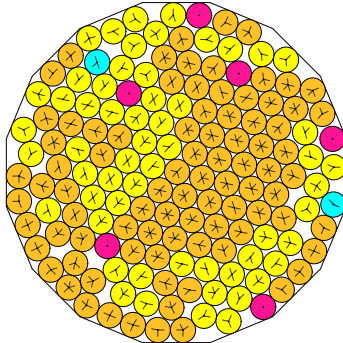
151 circles in a hexadecagon



radius = 0.073119798077 density = 0.828451596543
 ratio = 13.676186563685 contacts = 312

N = 152

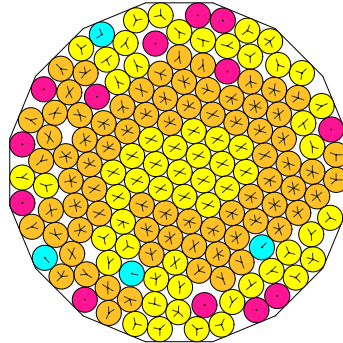
152 circles in a hexadecagon



radius = 0.072819765466 density = 0.827108272925
 ratio = 13.732535302752 contacts = 301

N = 153

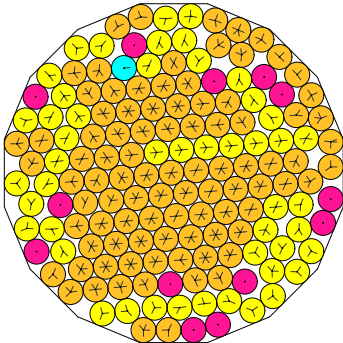
153 circles in a hexadecagon



radius = 0.072600658662 density = 0.827547207570
 ratio = 13.773979719049 contacts = 284

N = 154

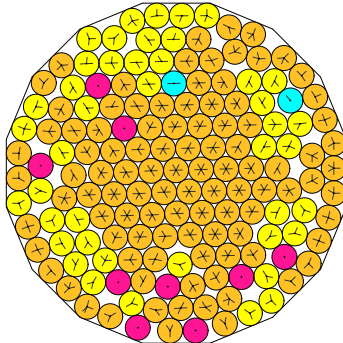
154 circles in a hexadecagon



radius = 0.072377972560 density = 0.827854041042
 ratio = 13.816358273521 contacts = 299

N = 155

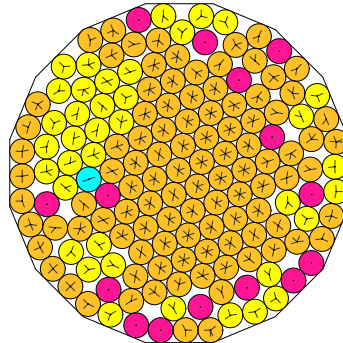
155 circles in a hexadecagon



radius = 0.072169287700 density = 0.828431799641
 ratio = 13.856309683378 contacts = 307

N = 156

156 circles in a hexadecagon



radius = 0.071962743253 density = 0.829010907036
 ratio = 13.896079482188 contacts = 301