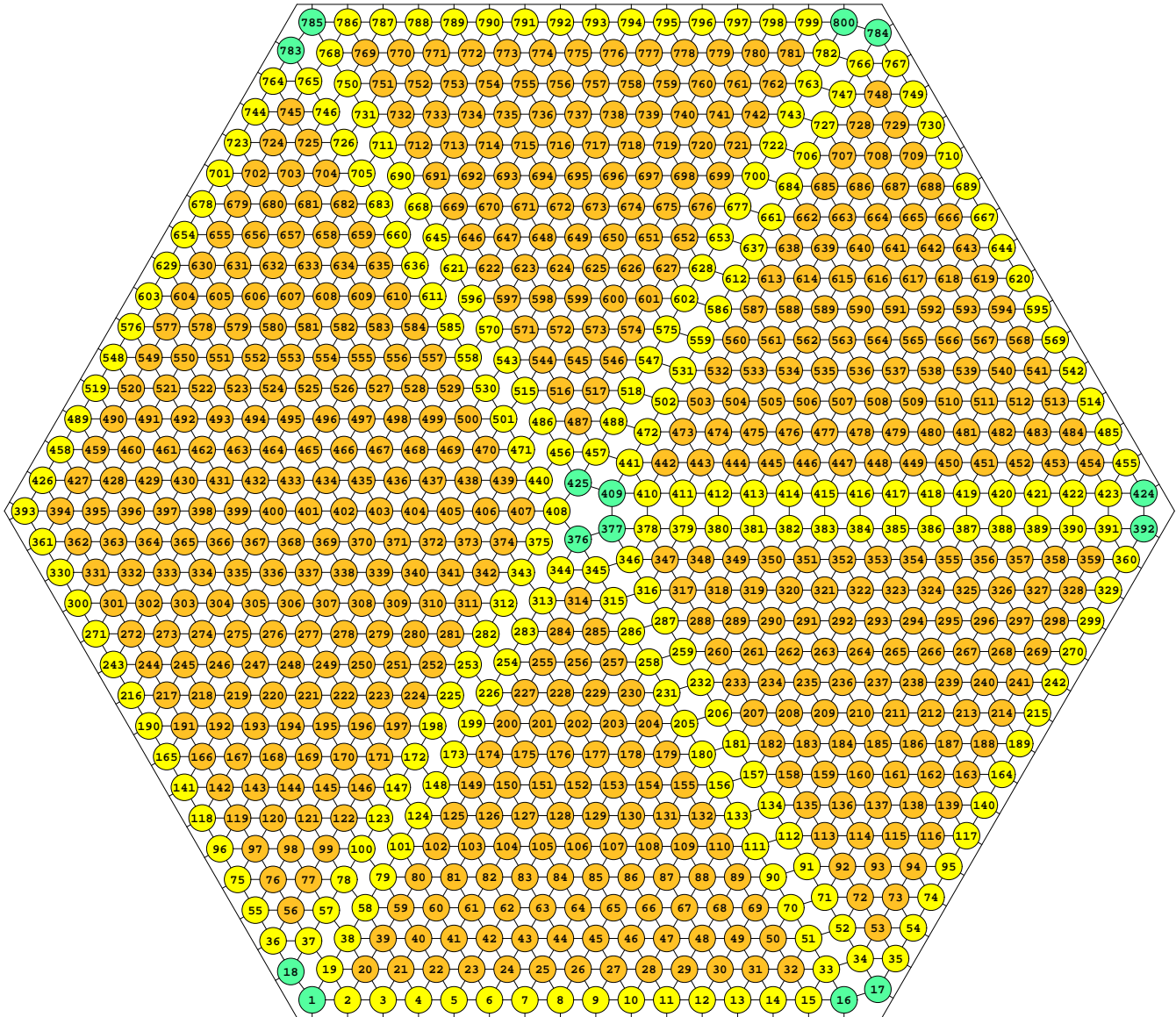


800 circles in a hexagon



radius = 0.030303622234
 ratio = 32.999355399463

density = 0.888335586392
 contacts = 2321