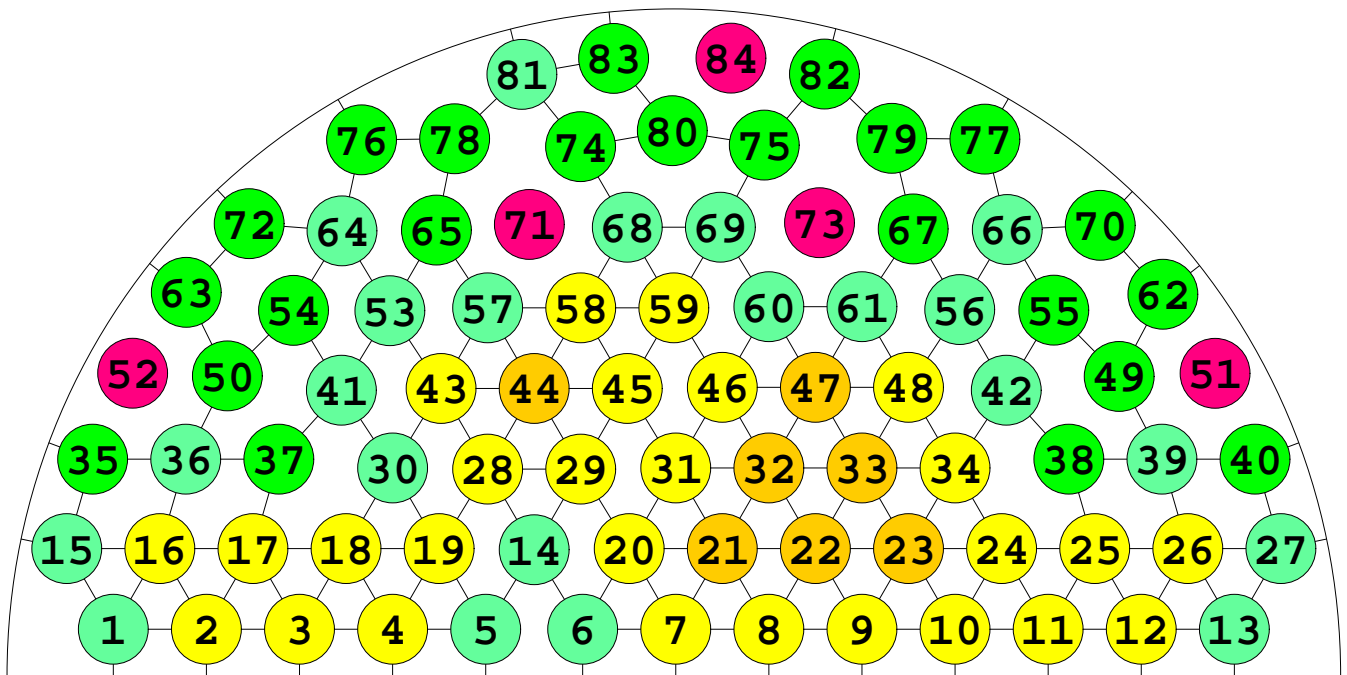


# 84 circles in a semicircle



radius = 0.069810787636  
ratio = 14.324433713732

density = 0.818755739828  
contacts = 180

© E. SPECHT &  
D. A. PATERSON  
16-OCT-2010