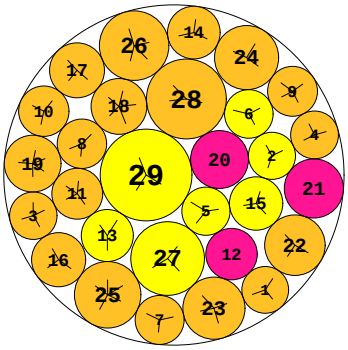
N = 29

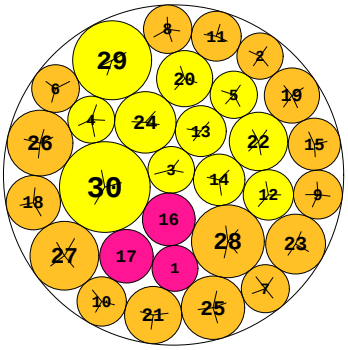
29 circles in a circle



radius = 0.269569771983 density = 0.840297884594
ratio = 3.709614742563 contacts = 52

N = 30

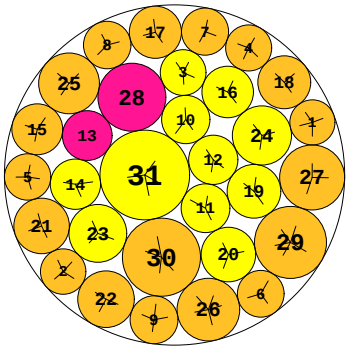
30 circles in a circle



radius = 0.266452046032 density = 0.839186591313
ratio = 3.753020533082 contacts = 54

N = 31

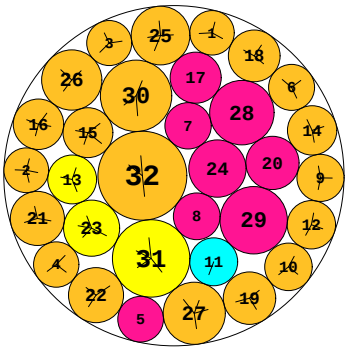
31 circles in a circle



radius = 0.263529825568 density = 0.838464437702
ratio = 3.794636898672 contacts = 58

N = 32

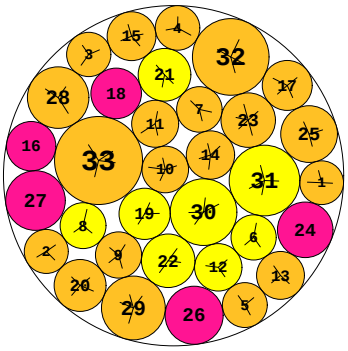
32 circles in a circle



radius = 0.261344939276 density = 0.841694200550
ratio = 3.826360681677 contacts = 47

N = 33

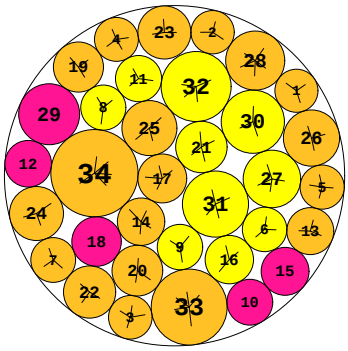
33 circles in a circle



radius = 0.258663648810 density = 0.841034030219
ratio = 3.866024486239 contacts = 55

N = 34

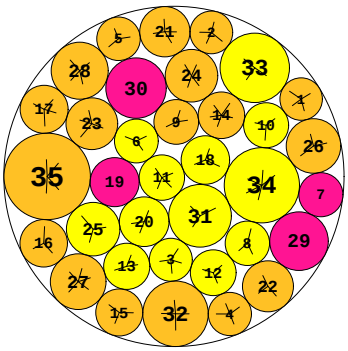
34 circles in a circle



radius = 0.256296726853 density = 0.841741118880
ratio = 3.901727549462 contacts = 58

N = 35

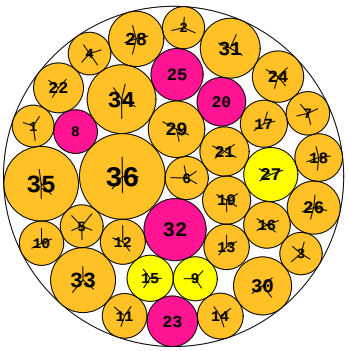
35 circles in a circle



radius = 0.254020589131 density = 0.842420341272
ratio = 3.936688767712 contacts = 62

N = 36

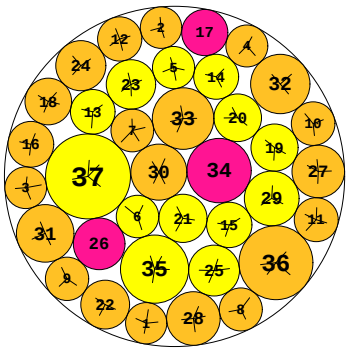
36 circles in a circle



radius = 0.251907064799 density = 0.843594508667
ratio = 3.969717962441 contacts = 62

N = 37

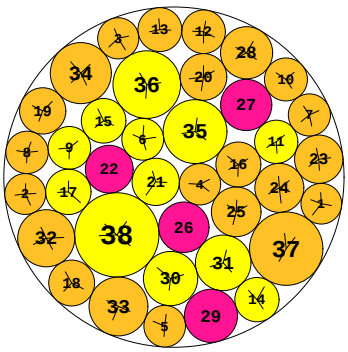
37 circles in a circle



radius = 0.249615702646 density = 0.843015696085
ratio = 4.006158224018 contacts = 68

N = 38

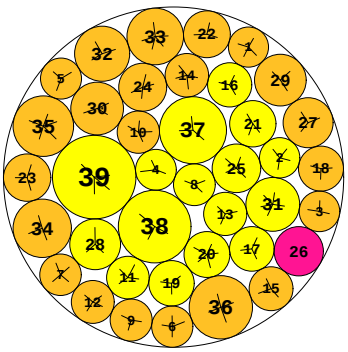
38 circles in a circle



radius = 0.247613323556 density = 0.843854691023
ratio = 4.038554895350 contacts = 68

N = 39

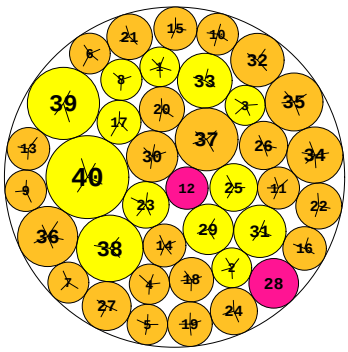
39 circles in a circle



radius = 0.245421745192 density = 0.842895543390
ratio = 4.074618568200 contacts = 76

N = 40

40 circles in a circle



radius = 0.243565440444 density = 0.843757501238
ratio = 4.105672784196 contacts = 76