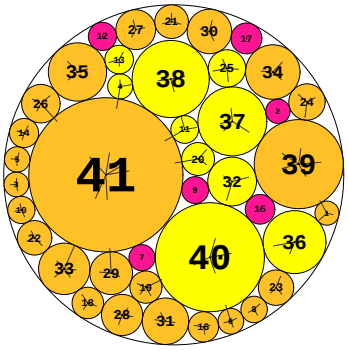
N = 41

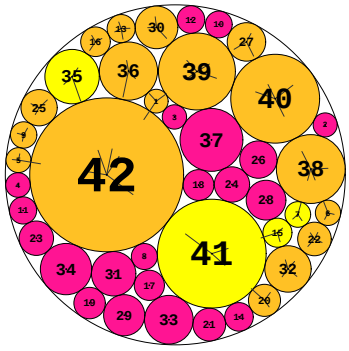
41 circles in a circle



radius = 0.453527830785 density = 0.885059560770
ratio = 2.204936350364 contacts = 70

N = 42

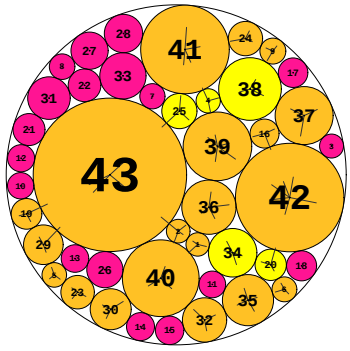
42 circles in a circle



radius = 0.452554740096 density = 0.886141990686
ratio = 2.209677440982 contacts = 42

N = 43

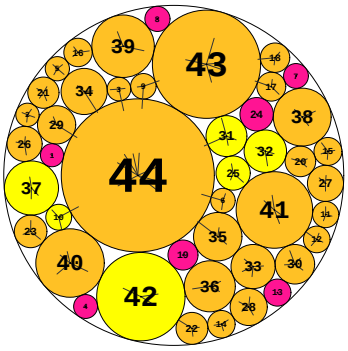
43 circles in a circle



radius = 0.451235263946 density = 0.885717415048
ratio = 2.216138852394 contacts = 50

N = 44

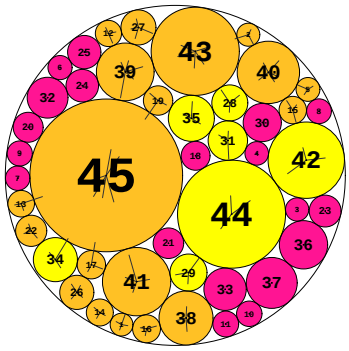
44 circles in a circle



radius = 0.450177826296 density = 0.886176958757
ratio = 2.221344414559 contacts = 74

N = 45

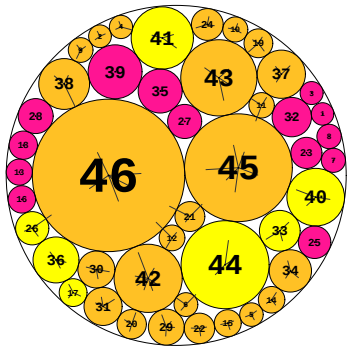
45 circles in a circle



radius = 0.449194559799 density = 0.886793963445
ratio = 2.226206836629 contacts = 52

N = 46

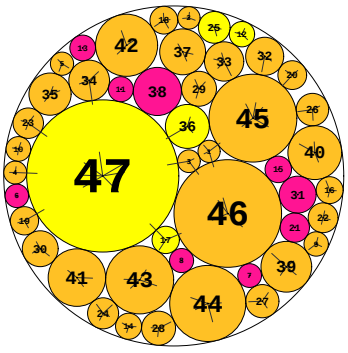
46 circles in a circle



radius = 0.448304812076 density = 0.887653455983
ratio = 2.230625175245 contacts = 64

N = 47

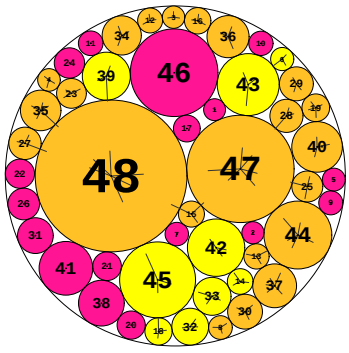
47 circles in a circle



radius = 0.447539197551 density = 0.888885695194
ratio = 2.234441151687 contacts = 76

N = 48

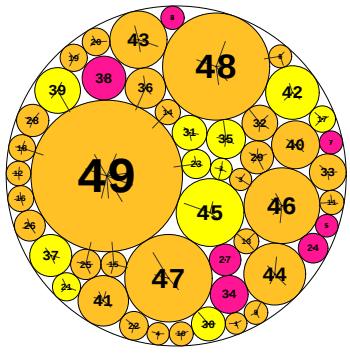
48 circles in a circle



radius = 0.446395997097 density = 0.888501776374
ratio = 2.240163456892 contacts = 62

N = 49

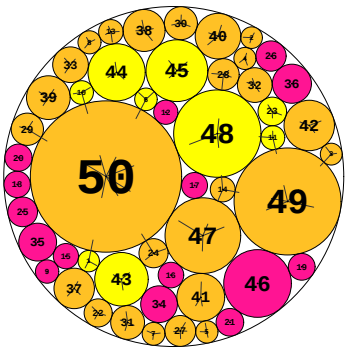
49 circles in a circle



radius = 0.445518731290 density = 0.889063760923
ratio = 2.244574536980 contacts = 84

N = 50

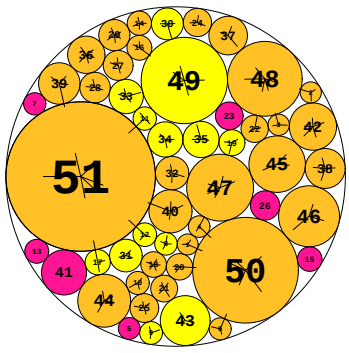
50 circles in a circle



radius = 0.445013975690 density = 0.891011100754
ratio = 2.247120438073 contacts = 70

N = 51

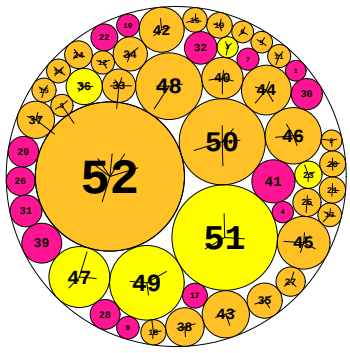
51 circles in a circle



radius = 0.440360204781 density = 0.876275192575
ratio = 2.270868232741 contacts = 88

N = 52

52 circles in a circle



radius = 0.438737534209 density = 0.873530911463
ratio = 2.279267037873 contacts = 74