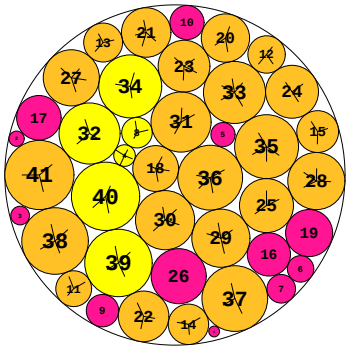
N = 41

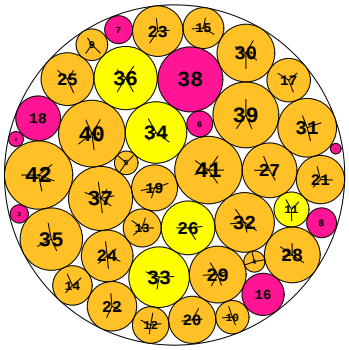
41 circles in a circle



radius = 0.203225774336 density = 0.867315022441
ratio = 31.507441703028 contacts = 58

N = 42

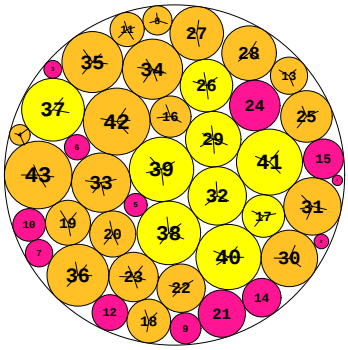
42 circles in a circle



radius = 0.200812885189 density = 0.867005019366
ratio = 32.272534168343 contacts = 66

N = 43

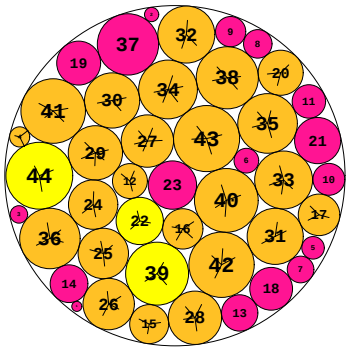
43 circles in a circle



radius = 0.198645964591 density = 0.868124823459
ratio = 33.010680774795 contacts = 60

N = 44

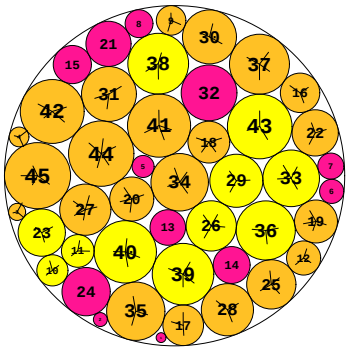
44 circles in a circle



radius = 0.196475209524 density = 0.868556429040
ratio = 33.761254647837 contacts = 54

N = 45

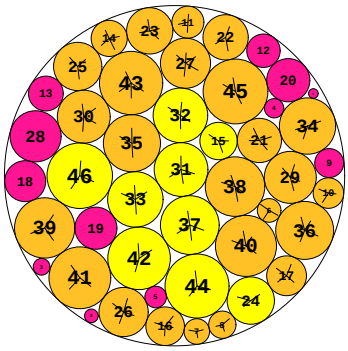
45 circles in a circle



radius = 0.194311536657 density = 0.868410385393
ratio = 34.522931823363 contacts = 66

N = 46

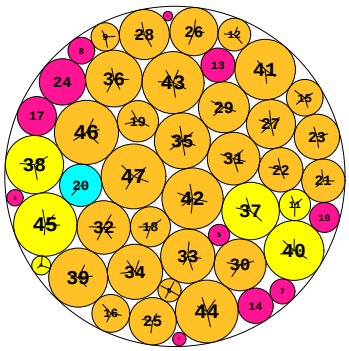
46 circles in a circle



radius = 0.192437692272 density = 0.870258237062
ratio = 35.244290778262 contacts = 68

N = 47

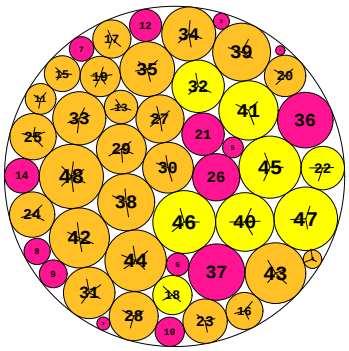
47 circles in a circle



radius = 0.190474491133 density = 0.870732762538
ratio = 35.992507761111 contacts = 71

N = 48

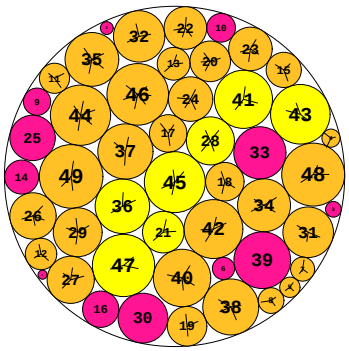
48 circles in a circle



radius = 0.188470574278 density = 0.870268355531
ratio = 36.760132221282 contacts = 66

N = 49

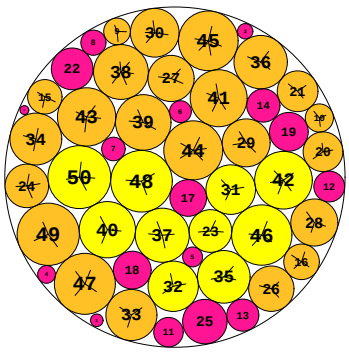
49 circles in a circle



radius = 0.186828386189 density = 0.872621147150
ratio = 37.467539825125 contacts = 74

N = 50

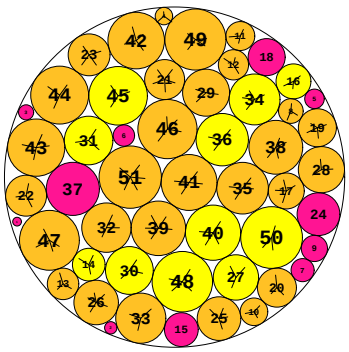
50 circles in a circle



radius = 0.184837603103 density = 0.871205957780
ratio = 38.255569717230 contacts = 66

N = 51

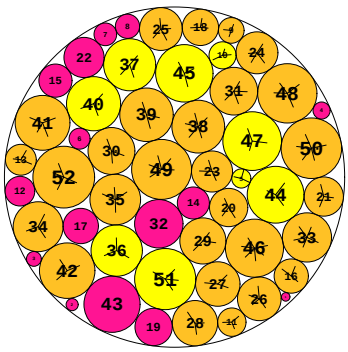
51 circles in a circle



radius = 0.183171369024 density = 0.872345511183
ratio = 38.987689323926 contacts = 80

N = 52

52 circles in a circle



radius = 0.181443019103 density = 0.872421583298
ratio = 39.743069678817 contacts = 74