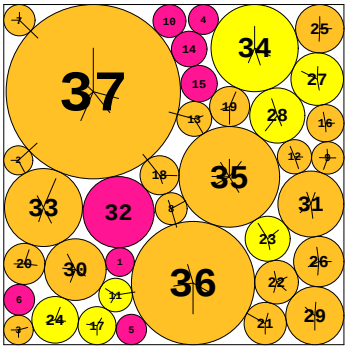
N = 37

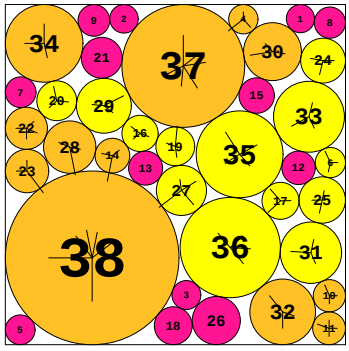
37 circles in a square



radius = 0.256207663597 density = 0.866457739387
ratio = 23.741532334273 contacts = 59

N = 38

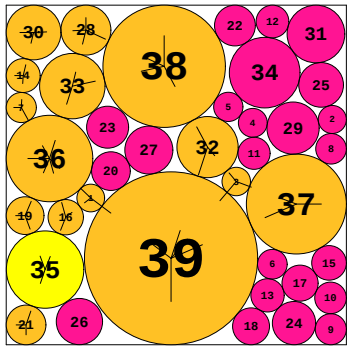
38 circles in a square



radius = 0.255258908364 density = 0.865439277180
ratio = 24.149652768548 contacts = 50

N = 39

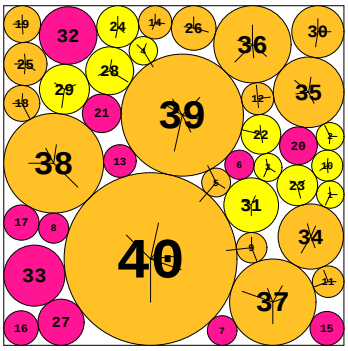
39 circles in a square



radius = 0.254566773812 density = 0.865972581493
ratio = 24.531866061002 contacts = 33

N = 40

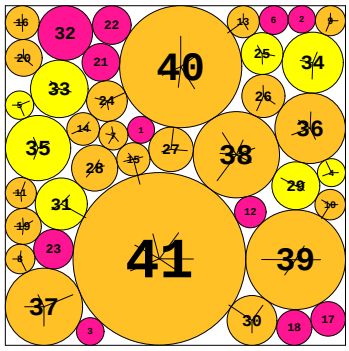
40 circles in a square



radius = 0.254115863804 density = 0.867979230618
ratio = 24.888471051909 contacts = 57

N = 41

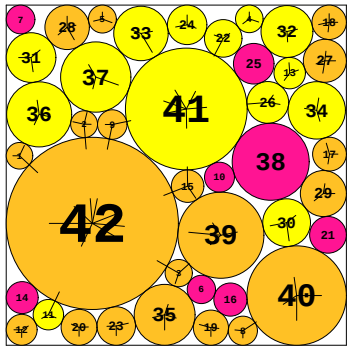
41 circles in a square



radius = 0.253931263648 density = 0.871659429804
ratio = 25.215974378582 contacts = 61

N = 42

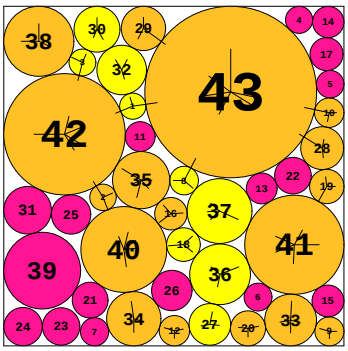
42 circles in a square



radius = 0.253079301558 density = 0.870611115090
ratio = 25.607549328906 contacts = 69

N = 43

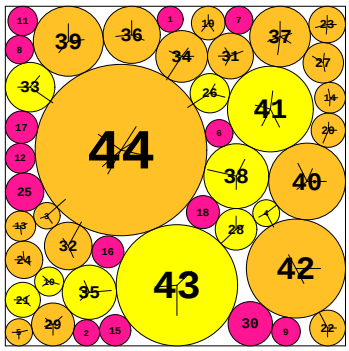
43 circles in a square



radius = 0.252504425766 density = 0.871318592295
ratio = 25.969598371207 contacts = 53

N = 44

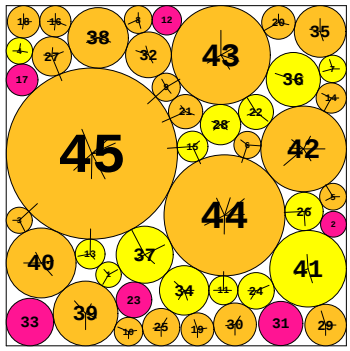
44 circles in a square



radius = 0.252288709240 density = 0.874375049760
ratio = 26.292296632739 contacts = 61

N = 45

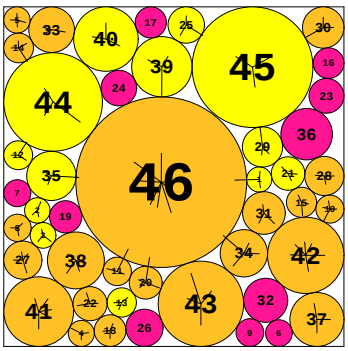
45 circles in a square



radius = 0.251529317472 density = 0.873536084557
ratio = 26.669670159730 contacts = 79

N = 46

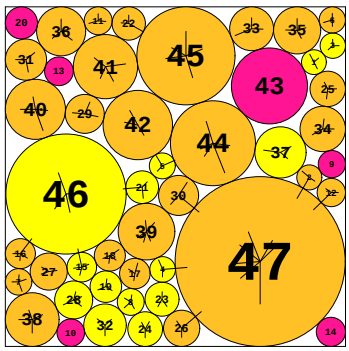
46 circles in a square



radius = 0.251074458281 density = 0.874684817972
ratio = 27.013221613679 contacts = 71

N = 47

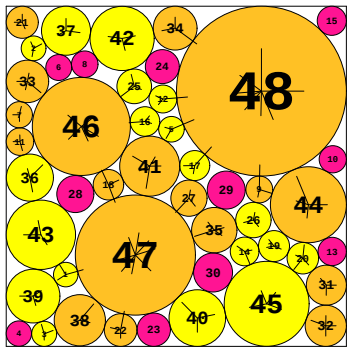
47 circles in a square



radius = 0.249981561343 density = 0.871263628964
ratio = 27.424641095134 contacts = 83

N = 48

48 circles in a square



radius = 0.249661263072 density = 0.873111918573
ratio = 27.750413279433 contacts = 75