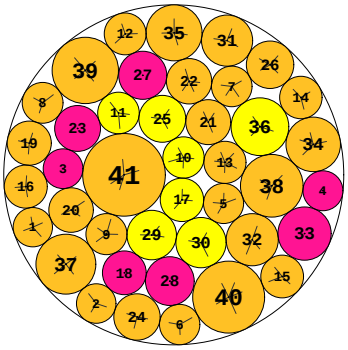
N = 41

41 circles in a circle



radius = 0.243022203381 density = 0.853369389008
ratio = 4.114850355589 contacts = 68

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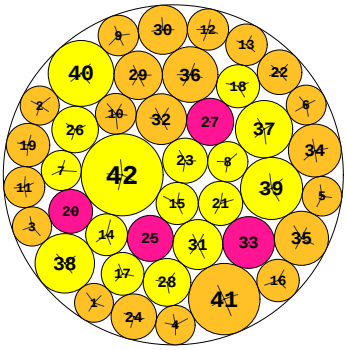
N = 42

42 circles in a circle



radius = 0.241122741426 density = 0.853118616941
ratio = 4.147265388927 contacts = 76

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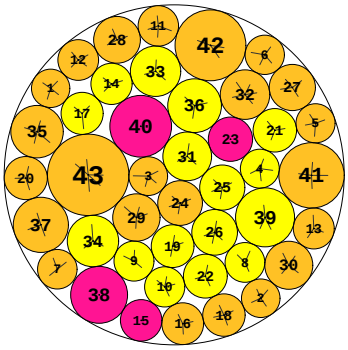
N = 43

43 circles in a circle



radius = 0.239393044130 density = 0.853653014666
ratio = 4.177230811501 contacts = 78

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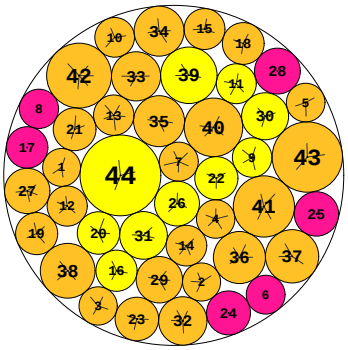
N = 44

44 circles in a circle



radius = 0.237629712595 density = 0.853552130899
ratio = 4.208227957185 contacts = 76

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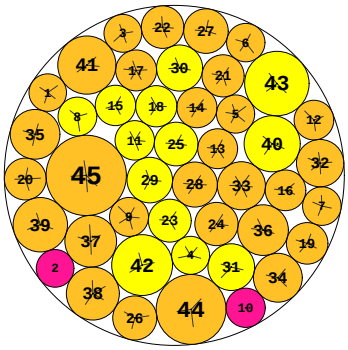
N = 45

45 circles in a circle



radius = 0.236114811212 density = 0.854864725391
ratio = 4.235227747327 contacts = 86

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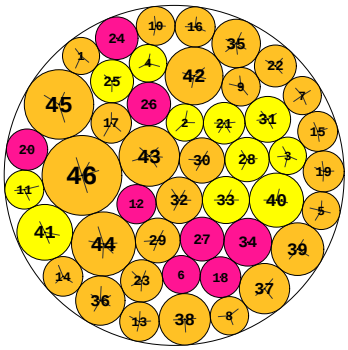
N = 46

46 circles in a circle



radius = 0.234523681547 density = 0.855274448085
ratio = 4.263961717650 contacts = 76

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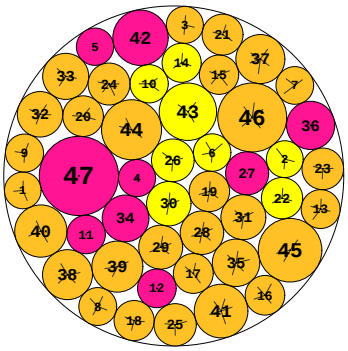
N = 47

47 circles in a circle



radius = 0.232953501820 density = 0.855493546745
ratio = 4.292702158101 contacts = 76

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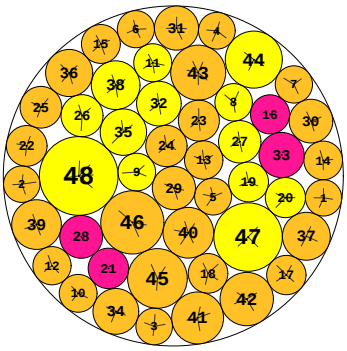
N = 48

48 circles in a circle



radius = 0.231457903577 density = 0.855932003719
ratio = 4.320440065106 contacts = 88

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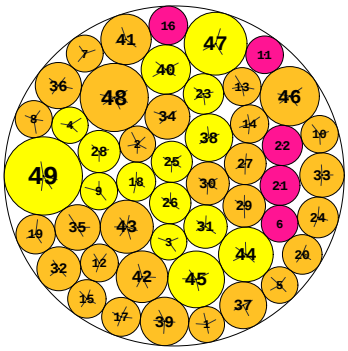
N = 49

49 circles in a circle



radius = 0.230058667952 density = 0.856772848510
ratio = 4.346717334758 contacts = 88

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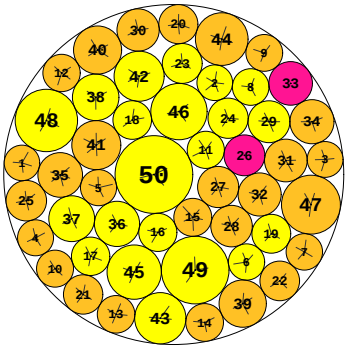
N = 50

50 circles in a circle



radius = 0.228561086664 density = 0.856579598525
ratio = 4.375197959531 contacts = 96

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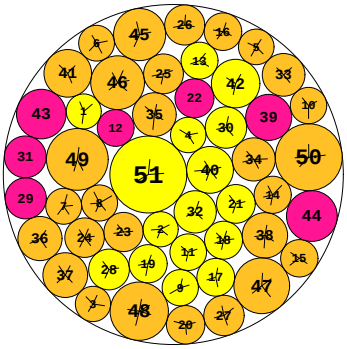
N = 51

51 circles in a circle



radius = 0.226192880644 density = 0.849536122016
ratio = 4.421005635346 contacts = 88

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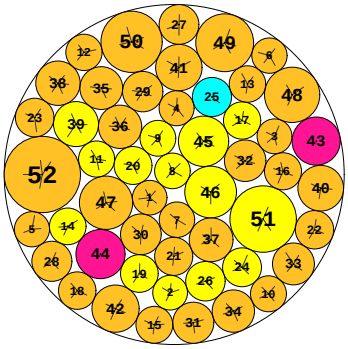
N = 52

52 circles in a circle



radius = 0.224360989715 density = 0.846194584602
ratio = 4.457102820189 contacts = 99

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