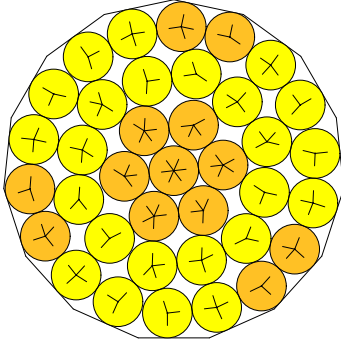


N = 37

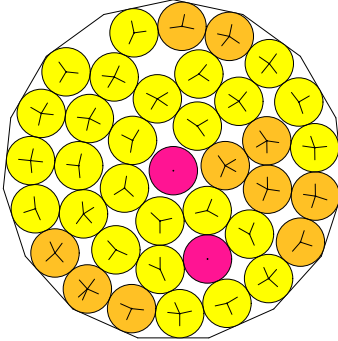
37 circles in a pentadecagon



radius = 0.145167710374 density = 0.803002851659
ratio = 6.888584227307 contacts = 78

N = 38

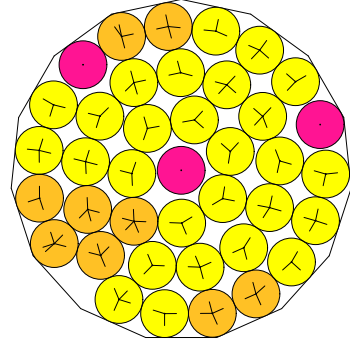
38 circles in a pentadecagon



radius = 0.141559726544 density = 0.784220762185
ratio = 7.064156059147 contacts = 73

N = 39

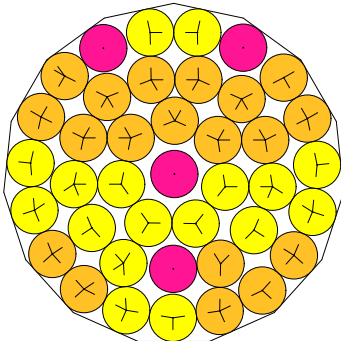
39 circles in a pentadecagon



radius = 0.139698271087 density = 0.783830175979
ratio = 7.158284724794 contacts = 73

N = 40

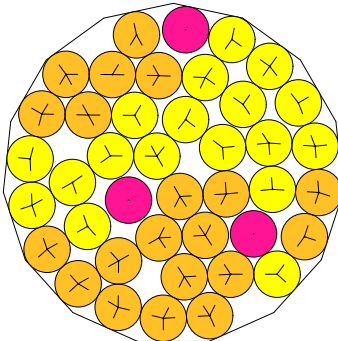
40 circles in a pentadecagon



radius = 0.138277813782 density = 0.787662754501
ratio = 7.231818125923 contacts = 74

N = 41

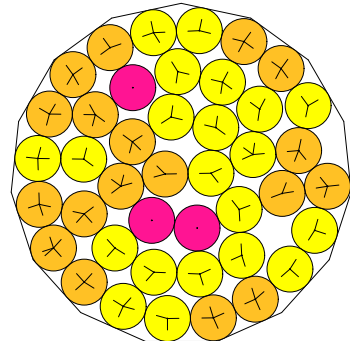
41 circles in a pentadecagon



radius = 0.135827330107 density = 0.77893589345
ratio = 7.362285268930 contacts = 77

N = 42

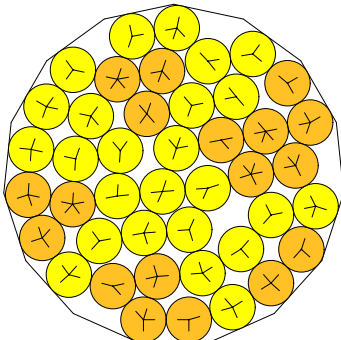
42 circles in a pentadecagon



radius = 0.134285466356 density = 0.779978415360
ratio = 7.446822592301 contacts = 79

N = 43

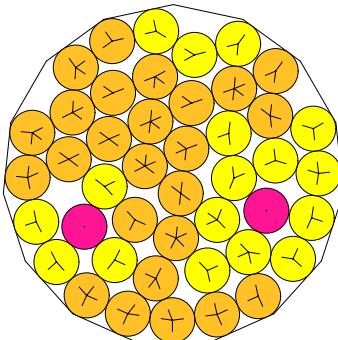
43 circles in a pentadecagon



radius = 0.132892850181 density = 0.787321596229
ratio = 7.528474229931 contacts = 87

N = 44

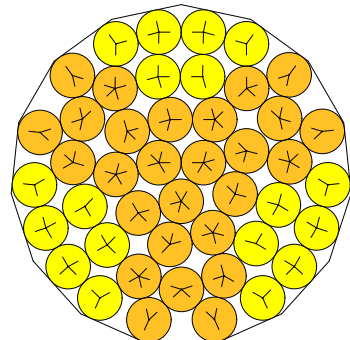
44 circles in a pentadecagon



radius = 0.131715241216 density = 0.786140279763
ratio = 7.592135813344 contacts = 85

N = 45

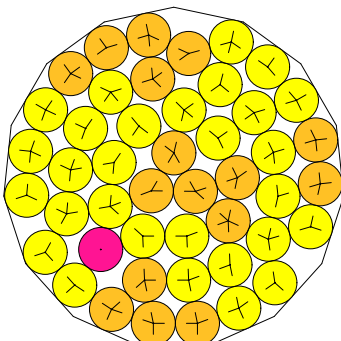
45 circles in a pentadecagon



radius = 0.130375566772 density = 0.787735181109
ratio = 7.670148822824 contacts = 96

N = 46

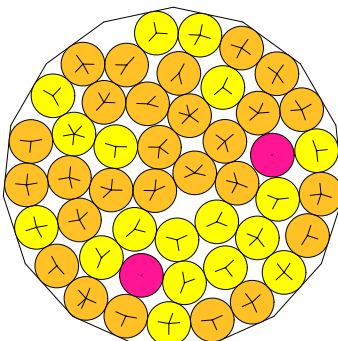
46 circles in a pentadecagon



radius = 0.128952850181 density = 0.787762008492
ratio = 7.754773729587 contacts = 91

N = 47

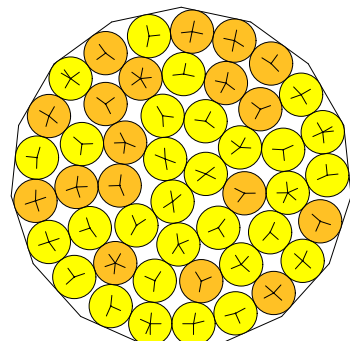
47 circles in a pentadecagon



radius = 0.127640470924 density = 0.788587634798
ratio = 7.834505723457 contacts = 92

N = 48

48 circles in a pentadecagon



radius = 0.126536909746 density = 0.791500137729
ratio = 7.902815477959 contacts = 99