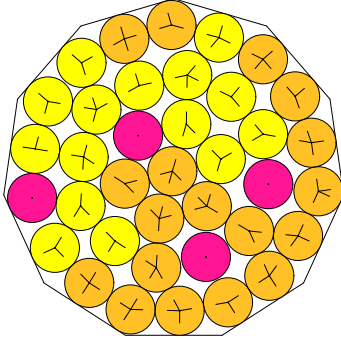


N = 37

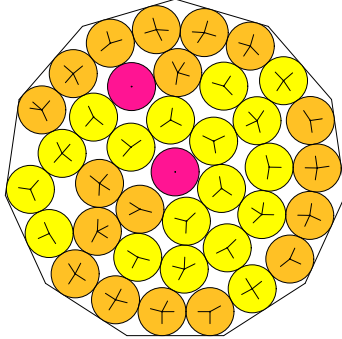
37 circles in a hendecagon



radius = 0.142934221474 density = 0.798642683217
 ratio = 6.996225184479 contacts = 67

N = 38

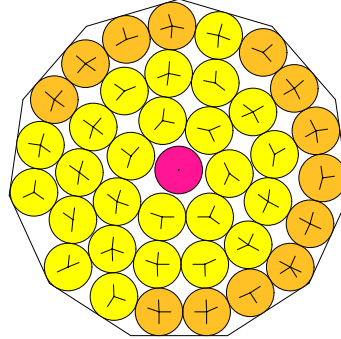
38 circles in a hendecagon



radius = 0.13967729861 density = 0.783278642085
 ratio = 7.159337433373 contacts = 73

N = 39

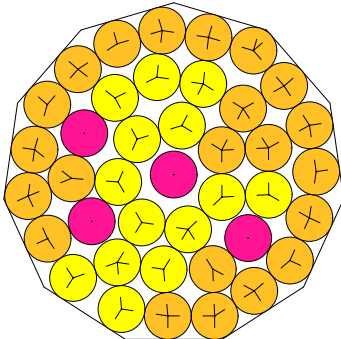
39 circles in a hendecagon



radius = 0.138535844662 density = 0.79080115184
 ratio = 7.218348453001 contacts = 77

N = 40

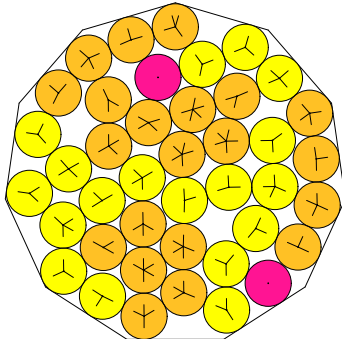
40 circles in a hendecagon



radius = 0.136314304400 density = 0.785273979182
 ratio = 7.335987256811 contacts = 73

N = 41

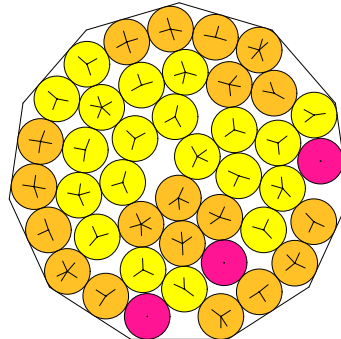
41 circles in a hendecagon



radius = 0.134374576970 density = 0.782161488941
 ratio = 7.441883893158 contacts = 79

N = 42

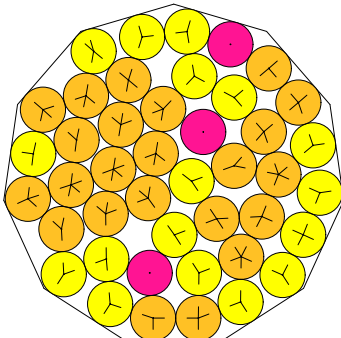
42 circles in a hendecagon



radius = 0.132825501679 density = 0.782871660825
 ratio = 7.528674745110 contacts = 79

N = 43

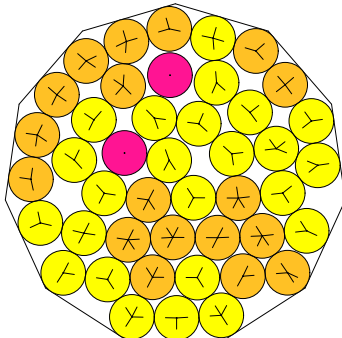
43 circles in a hendecagon



radius = 0.131618416086 density = 0.787009777625
 ratio = 7.597720590467 contacts = 81

N = 44

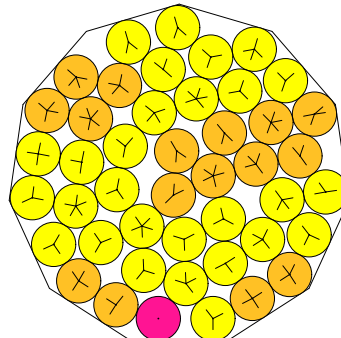
44 circles in a hendecagon



radius = 0.13019277808 density = 0.787961167677
 ratio = 7.660957631869 contacts = 84

N = 45

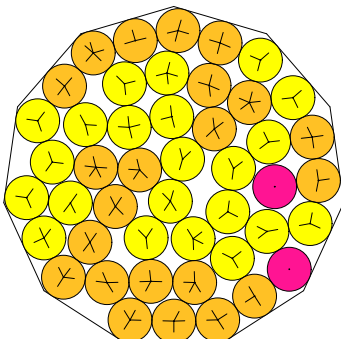
45 circles in a hendecagon



radius = 0.128819186343 density = 0.788954521212
 ratio = 7.762818788013 contacts = 88

N = 46

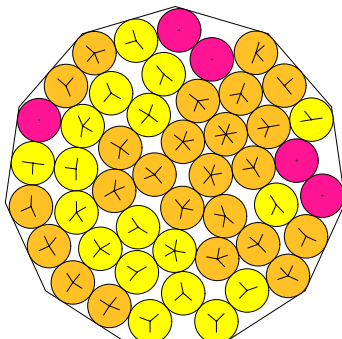
46 circles in a hendecagon



radius = 0.127654451466 density = 0.791968870527
 ratio = 7.833647699020 contacts = 89

N = 47

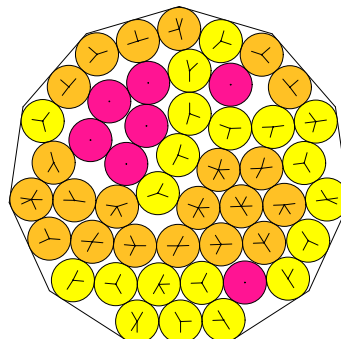
47 circles in a hendecagon



radius = 0.126495439168 density = 0.794558621475
 ratio = 7.905423362105 contacts = 86

N = 48

48 circles in a hendecagon



radius = 0.125276215339 density = 0.795896946990
 ratio = 7.982361195142 contacts = 83