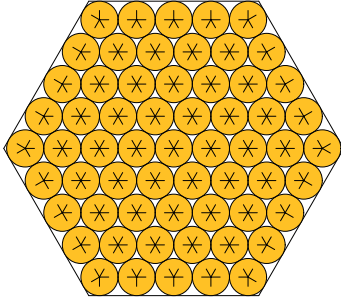
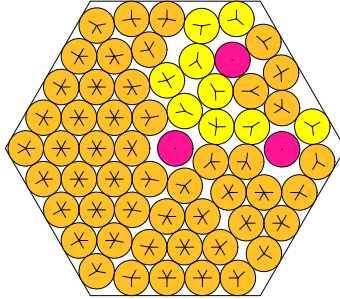


**N = 61**  
61 circles in a hexagon



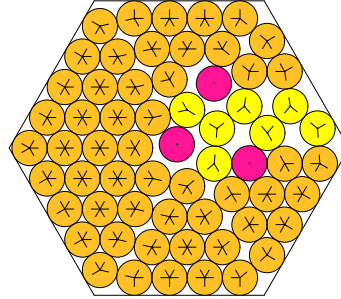
radius = 0.109233502047 density = 0.880115229685  
ratio = 9.154700538375 contacts = 186

**N = 62**  
62 circles in a hexagon



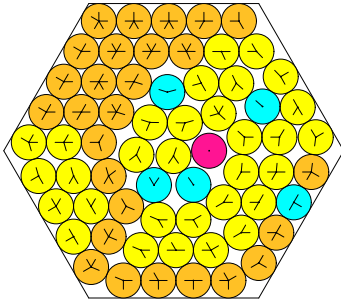
radius = 0.104279435263 density = 0.815242884313  
ratio = 9.589618484970 contacts = 145

**N = 63**  
63 circles in a hexagon



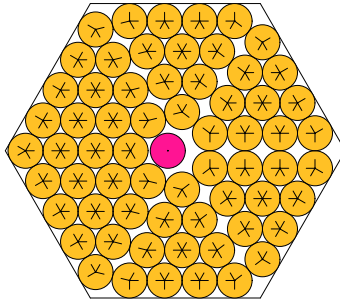
radius = 0.103572509148 density = 0.817198443781  
ratio = 9.655071680958 contacts = 151

**N = 64**  
64 circles in a hexagon



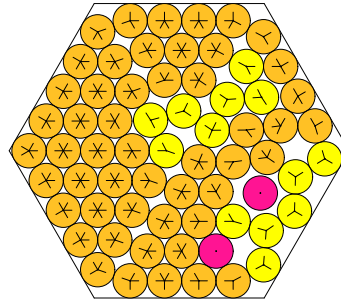
radius = 0.102894077927 density = 0.820923083934  
ratio = 9.709296108327 contacts = 121

**N = 65**  
65 circles in a hexagon



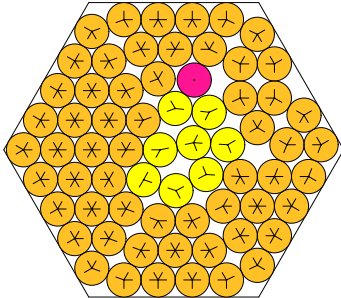
radius = 0.102992974872 density = 0.833732148468  
ratio = 9.709400054975 contacts = 171

**N = 66**  
66 circles in a hexagon



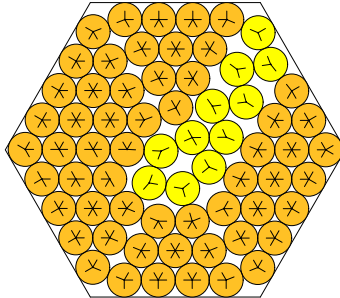
radius = 0.100973952318 density = 0.813693100041  
ratio = 9.903544201659 contacts = 152

**N = 67**  
67 circles in a hexagon



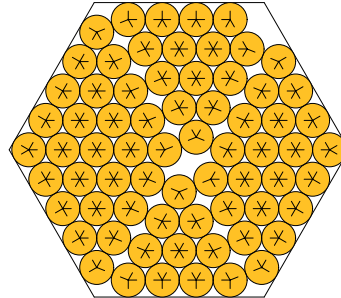
radius = 0.100511805910 density = 0.828817732109  
ratio = 9.949080020455 contacts = 164

**N = 68**  
68 circles in a hexagon



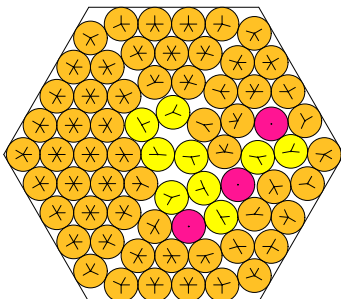
radius = 0.099927194138 density = 0.819945608574  
ratio = 10.007285890737 contacts = 169

**N = 69**  
69 circles in a hexagon



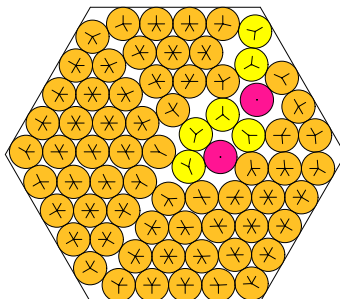
radius = 0.099881706145 density = 0.826931680606  
ratio = 10.011843395521 contacts = 189

**N = 70**  
70 circles in a hexagon



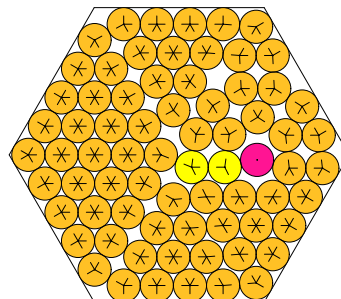
radius = 0.098953578375 density = 0.828817732109  
ratio = 10.105748740191 contacts = 162

**N = 71**  
71 circles in a hexagon



radius = 0.09726952185 density = 0.819945608574  
ratio = 10.232591702087 contacts = 172

**N = 72**  
72 circles in a hexagon



radius = 0.097458466587 density = 0.826931680606  
ratio = 10.260781182151 contacts = 183