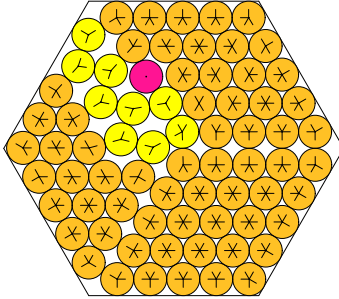
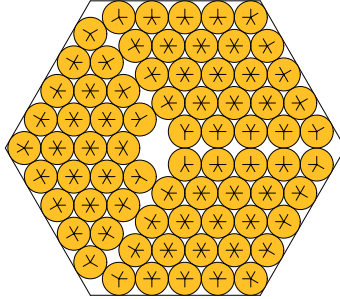


**N = 73**  
73 circles in a hexagon



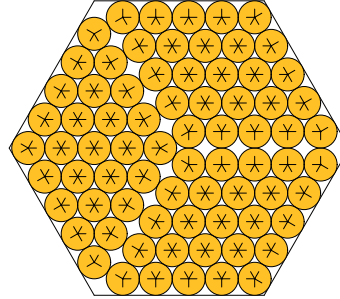
radius = 0.097083518356 density = 0.831978034483  
ratio = 10.300409553939 contacts = 183

**N = 74**  
74 circles in a hexagon



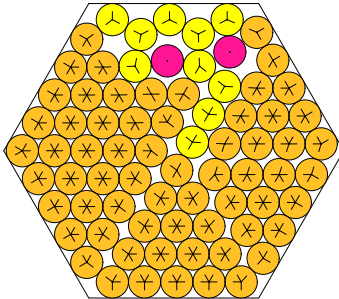
radius = 0.096998845283 density = 0.841904507160  
ratio = 10.309401076757 contacts = 208

**N = 75**  
75 circles in a hexagon



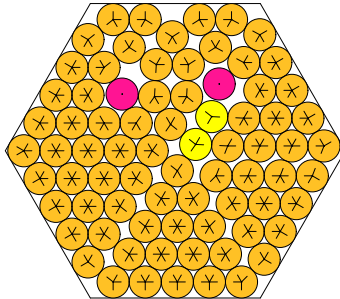
radius = 0.096998845283 density = 0.853281595095  
ratio = 10.309401076757 contacts = 213

**N = 76**  
76 circles in a hexagon



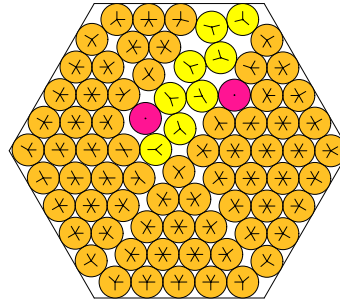
radius = 0.094732105837 density = 0.824718927025  
ratio = 10.556083295738 contacts = 188

**N = 77**  
77 circles in a hexagon



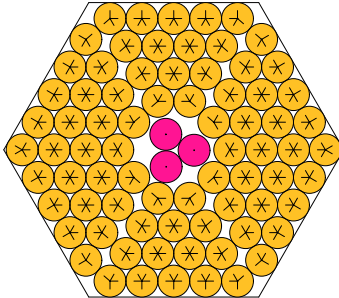
radius = 0.094395761812 density = 0.829647679761  
ratio = 10.593695954135 contacts = 193

**N = 78**  
78 circles in a hexagon



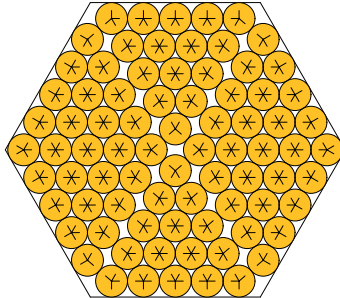
radius = 0.093851924172 density = 0.830766452983  
ratio = 10.655082555071 contacts = 194

**N = 79**  
79 circles in a hexagon



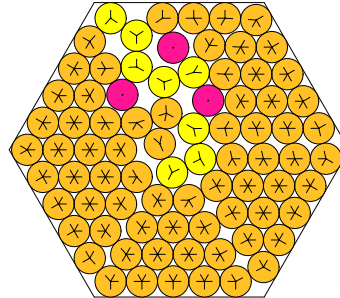
radius = 0.093750951305 density = 0.839607760498  
ratio = 10.666558430414 contacts = 208

**N = 80**  
80 circles in a hexagon



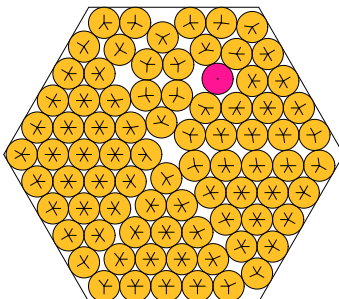
radius = 0.093750951305 density = 0.850235706834  
ratio = 10.666558430414 contacts = 222

**N = 81**  
81 circles in a hexagon



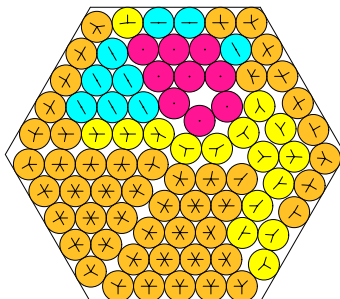
radius = 0.091952819516 density = 0.828157817780  
ratio = 10.875142333331 contacts = 197

**N = 82**  
82 circles in a hexagon



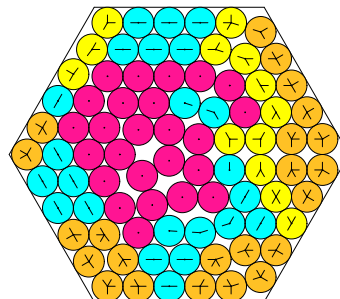
radius = 0.091571054852 density = 0.831434943006  
ratio = 10.920481385888 contacts = 212

**N = 83**  
83 circles in a hexagon



radius = 0.091031724997 density = 0.831690275451  
ratio = 10.985181265433 contacts = 162

**N = 84**  
84 circles in a hexagon



radius = 0.090914418973 density = 0.839542734229  
ratio = 10.999355342061 contacts = 98