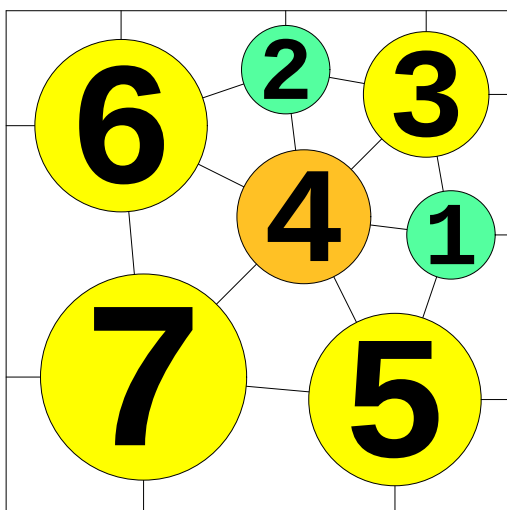
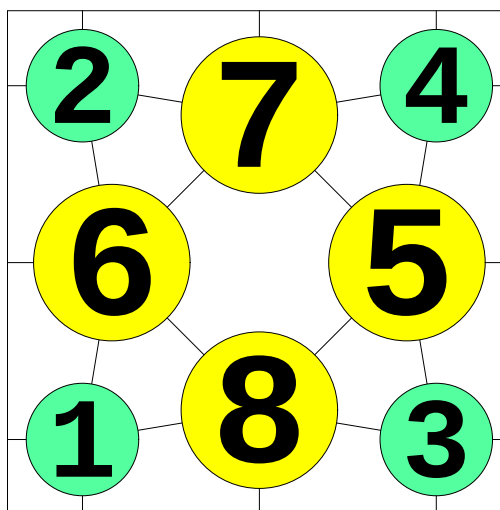


N = 7
7 circles in a square



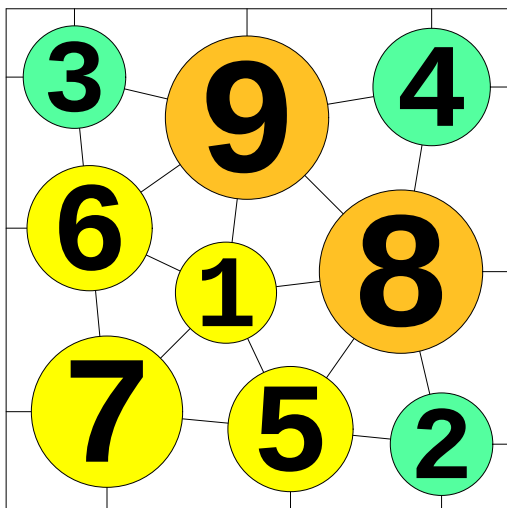
sumradii = 1.306546350758 density = 0.832372446742 © E. Sencer
sumperim = 8.209272834232 contacts = 22 03-SEP-2020

N = 8
8 circles in a square



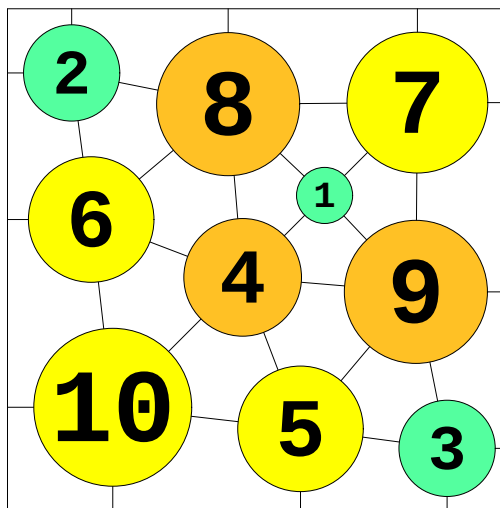
sumradii = 1.423813915320 density = 0.817424290433 © E. Sencer
sumperim = 8.946086672896 contacts = 24 03-SEP-2020

N = 9
9 circles in a square



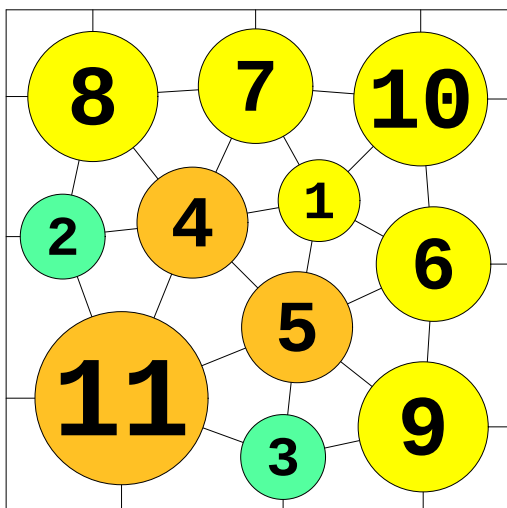
sumradii = 1.524365359370 density = 0.839665382935 © E. Sencer
sumperim = 9.577870028767 contacts = 28 03-SEP-2020

N = 10
10 circles in a square



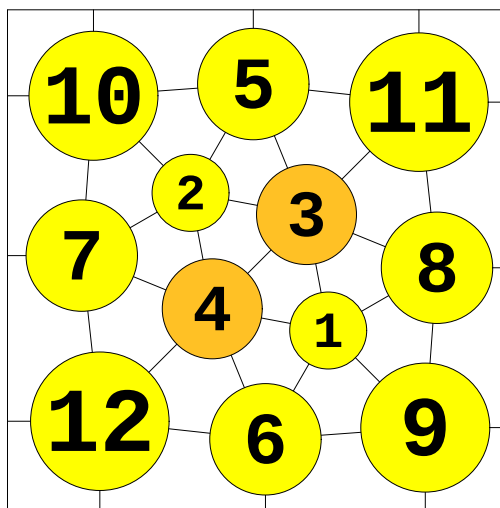
sumradii = 1.591012852634 density = 0.840405214793 © E. Sencer
sumperim = 9.996628579204 contacts = 31 03-SEP-2020

N = 11
11 circles in a square



sumradii = 1.680058380778 density = 0.845401576001 © E. Sencer
sumperim = 10.556118133308 contacts = 34 03-SEP-2020

N = 12
12 circles in a square



sumradii = 1.765978318170 density = 0.842428591982 © E. Sencer
sumperim = 11.095969021523 contacts = 37 03-SEP-2020