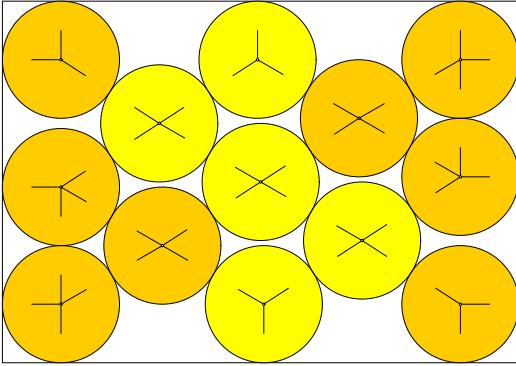


N = 13

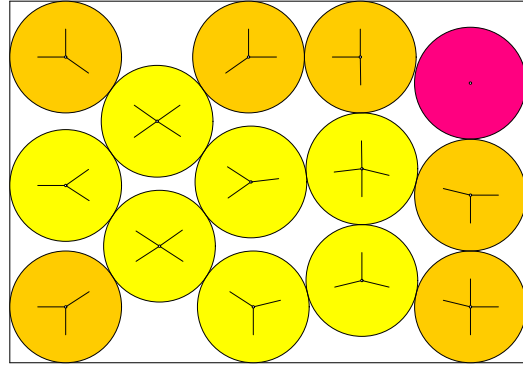
13 circles in a 1x0.70000 rectangle



radius = 0.113363312054 density = 0.749791023549 © E. Sencer 09-AUG-2010  
 ratio = 6.174837231892 contacts = 30

N = 14

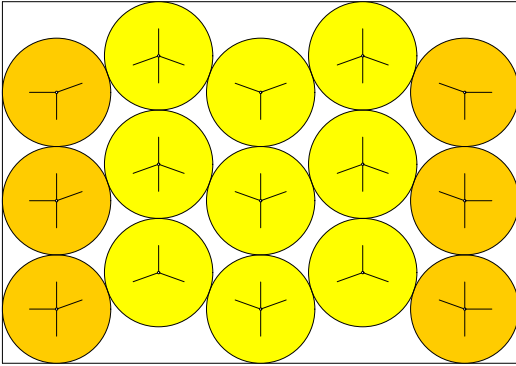
14 circles in a 1x0.70000 rectangle



radius = 0.108161900811 density = 0.735069647209 © E. Sencer 09-AUG-2010  
 ratio = 6.471779755650 contacts = 27

N = 15

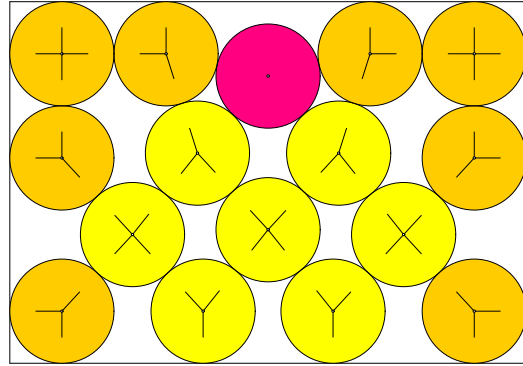
15 circles in a 1x0.70000 rectangle



radius = 0.104896986540 density = 0.740745660318 © E. Sencer 09-AUG-2010  
 ratio = 6.673213626877 contacts = 33

N = 16

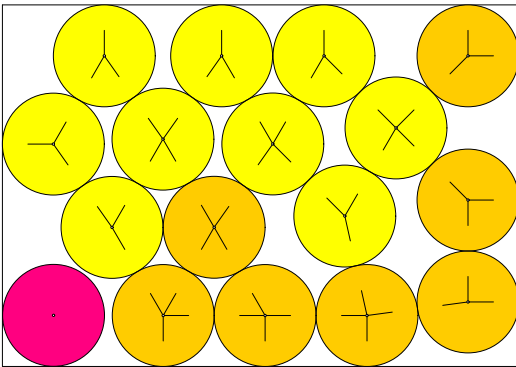
16 circles in a 1x0.70000 rectangle



radius = 0.100846457631 density = 0.730286227942 © E. Sencer 09-AUG-2010  
 ratio = 6.941245299455 contacts = 32

N = 17

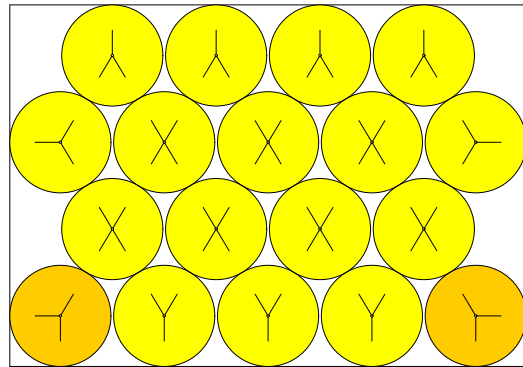
17 circles in a 1x0.70000 rectangle



radius = 0.098636659916 density = 0.742296596262 © E. Sencer 09-AUG-2010  
 ratio = 7.096752876632 contacts = 33

N = 18

18 circles in a 1x0.70000 rectangle



radius = 0.097913275434 density = 0.774475164893 © E. Sencer 09-AUG-2010  
 ratio = 7.149183774070 contacts = 37