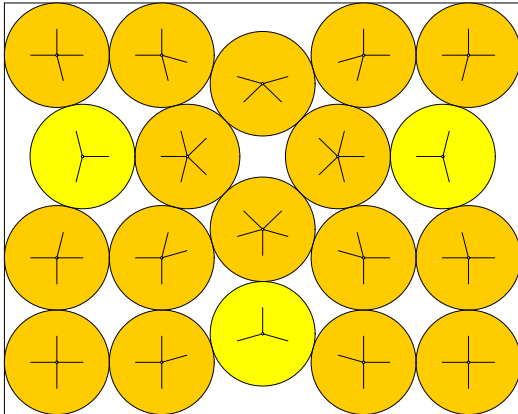


N = 19

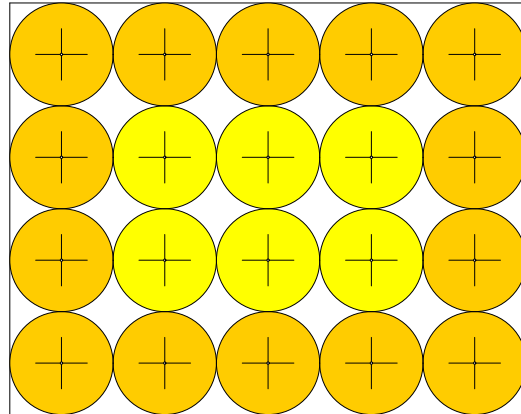
19 circles in a 1x0.80000 rectangle



radius = 0.101542459539 density = 0.769323225571 © E. Sgreer
 ratio = 7.87847769645 contacts = 45 18-AUG-2010

N = 20

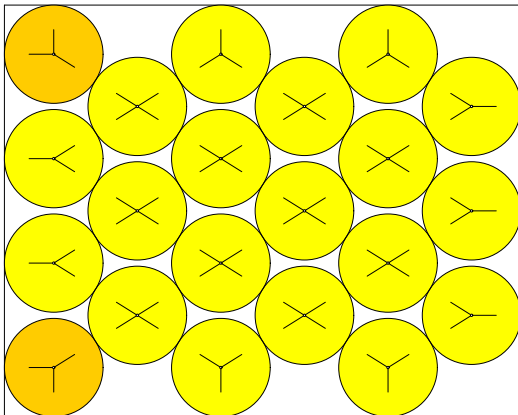
20 circles in a 1x0.80000 rectangle



radius = 0.100000000000 density = 0.785398163397 © E. Sgreer
 ratio = 8.000000000000 contacts = 49 18-AUG-2010

N = 21

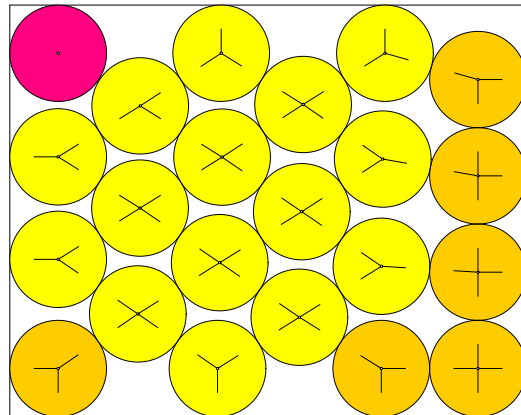
21 circles in a 1x0.80000 rectangle



radius = 0.095500509828 density = 0.752125928374 © E. Sgreer
 ratio = 8.376918630501 contacts = 43 18-AUG-2010

N = 22

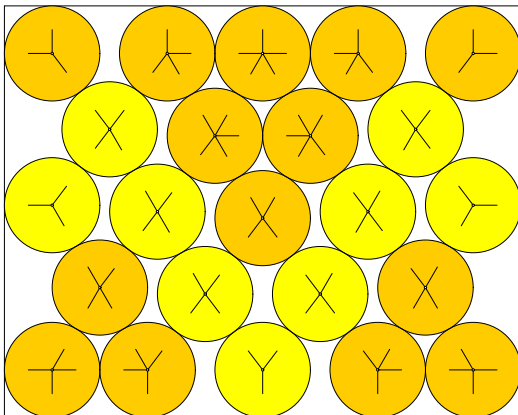
22 circles in a 1x0.80000 rectangle



radius = 0.093609530103 density = 0.757046745730 © E. Sgreer
 ratio = 8.546138401908 contacts = 43 18-AUG-2010

N = 23

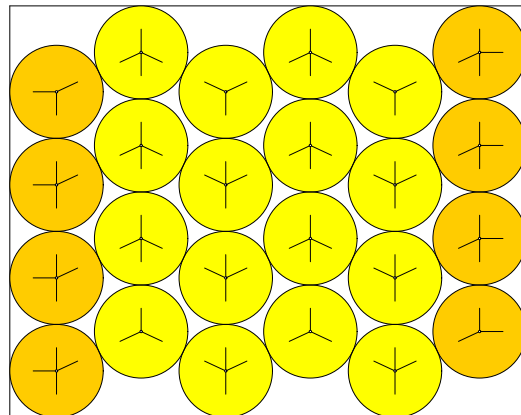
23 circles in a 1x0.80000 rectangle



radius = 0.092417255226 density = 0.771425256440 © E. Sgreer
 ratio = 8.656392121171 contacts = 53 18-AUG-2010

N = 24

24 circles in a 1x0.80000 rectangle



radius = 0.090425531915 density = 0.770643059830 © E. Sgreer
 ratio = 8.847058823529 contacts = 52 18-AUG-2010