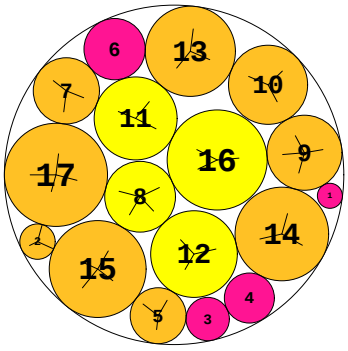
N = 17

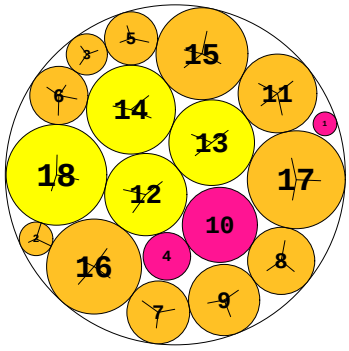
17 circles in a circle



radius = 0.303850035312 density = 0.830923595631
ratio = 13.569541373879 contacts = 26

N = 18

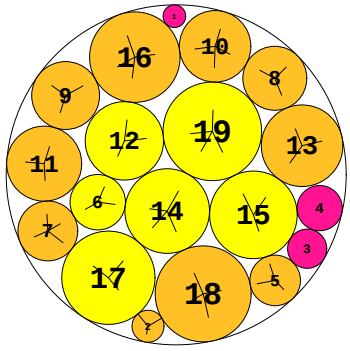
18 circles in a circle



radius = 0.296239267559 density = 0.833698184617
ratio = 14.321668839109 contacts = 30

N = 19

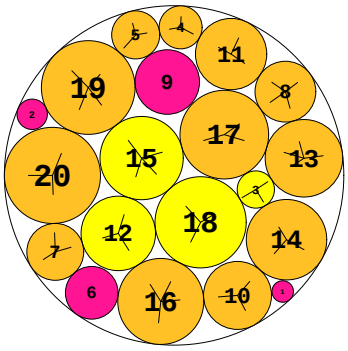
19 circles in a circle



radius = 0.289909994670 density = 0.840478050095
ratio = 15.035352432414 contacts = 32

N = 20

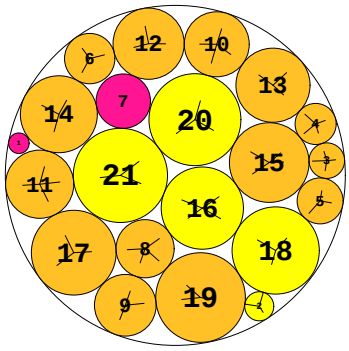
20 circles in a circle



radius = 0.283202930096 density = 0.842140999483
ratio = 15.791276634601 contacts = 32

N = 21

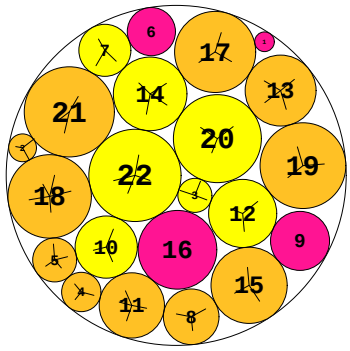
21 circles in a circle



radius = 0.277066338318 density = 0.844423314121
ratio = 16.539633514371 contacts = 38

N = 22

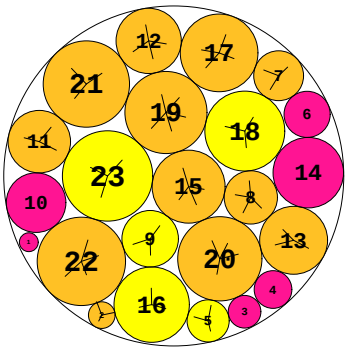
22 circles in a circle



radius = 0.271348319621 density = 0.846743971455
ratio = 17.285589851341 contacts = 36

N = 23

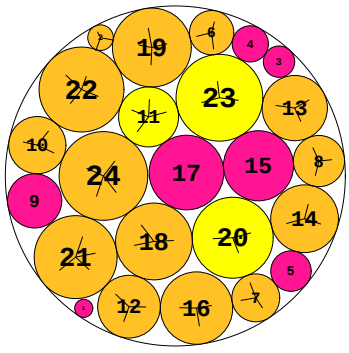
23 circles in a circle



radius = 0.265697255130 density = 0.847140376607
ratio = 18.049985201982 contacts = 34

N = 24

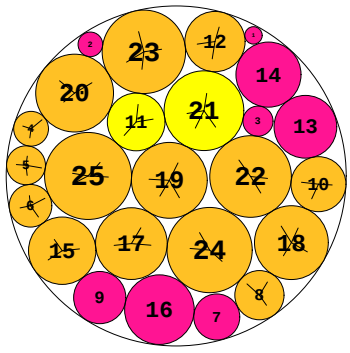
24 circles in a circle



radius = 0.260749430051 density = 0.849878315901
ratio = 18.788073609993 contacts = 34

N = 25

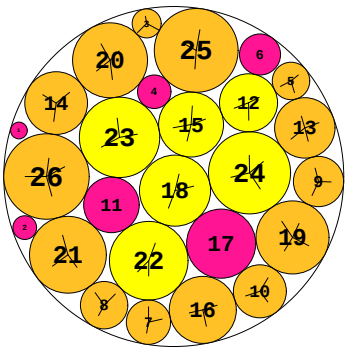
25 circles in a circle



radius = 0.255824061348 density = 0.850797354742
ratio = 19.544682285347 contacts = 34

N = 26

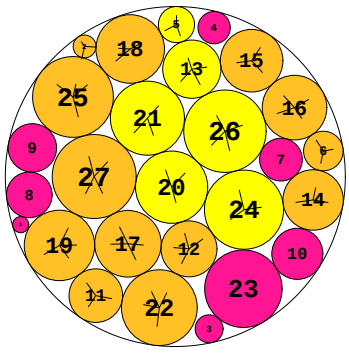
26 circles in a circle



radius = 0.251303781330 density = 0.852573471897
ratio = 20.290261796309 contacts = 40

N = 27

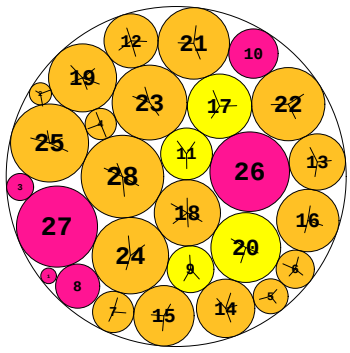
27 circles in a circle



radius = 0.246853938048 density = 0.853116134219
ratio = 21.049501838168 contacts = 38

N = 28

28 circles in a circle



radius = 0.242761490652 density = 0.854530549479
ratio = 21.797125268619 contacts = 44