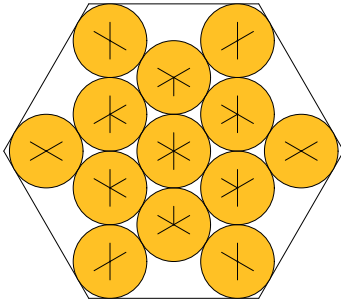


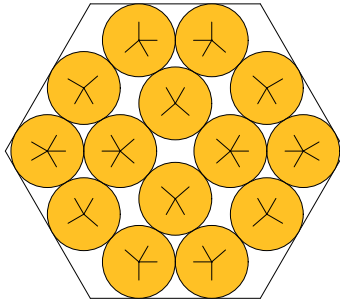
N = 13
13 circles in a hexagon



radius = 0.216506350946 density = 0.736855991720
ratio = 4.618802153517 contacts = 36

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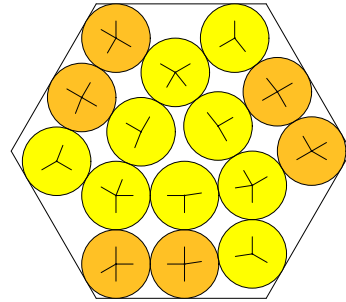
N = 14
14 circles in a hexagon



radius = 0.214290684433 density = 0.777378644490
ratio = 4.666558410415 contacts = 36

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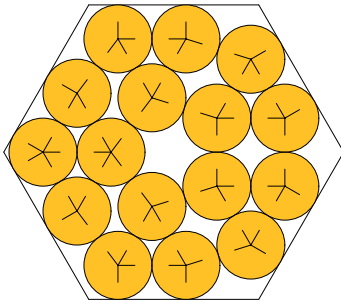
N = 15
15 circles in a hexagon



radius = 0.201559210543 density = 0.736876222020
ratio = 4.961321277770 contacts = 33

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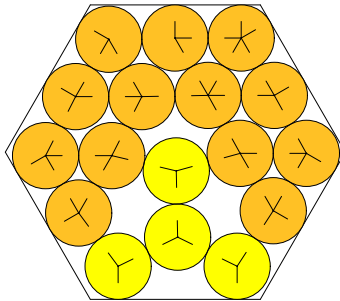
N = 16
16 circles in a hexagon



radius = 0.200025787346 density = 0.774087306713
ratio = 4.999355399460 contacts = 39

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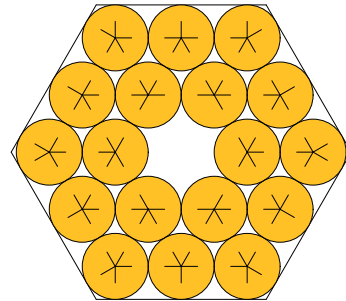
N = 17
17 circles in a hexagon



radius = 0.194813312769 density = 0.780160882191
ratio = 5.133119424882 contacts = 39

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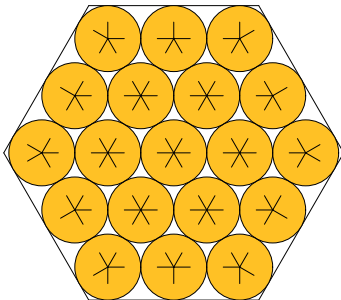
N = 18
18 circles in a hexagon



radius = 0.193997690565 density = 0.819150331291
ratio = 5.154700538378 contacts = 54

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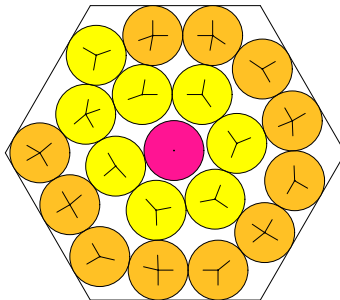
N = 19
19 circles in a hexagon



radius = 0.193997690565 density = 0.864658683029
ratio = 5.154700538378 contacts = 60

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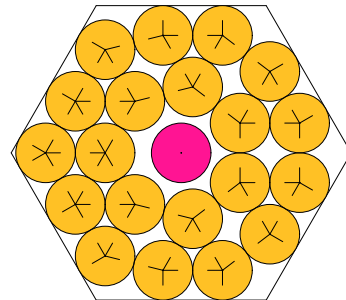
N = 20
20 circles in a hexagon



radius = 0.176152871147 density = 0.750425242745
ratio = 5.676887316606 contacts = 39

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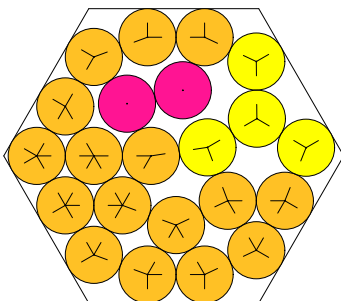
N = 21
21 circles in a hexagon



radius = 0.175149750125 density = 0.778997968601
ratio = 5.709400094977 contacts = 49

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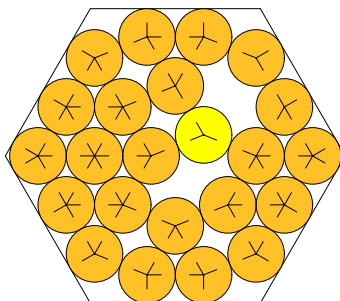
N = 22
22 circles in a hexagon



radius = 0.168017815756 density = 0.750985127277
ratio = 5.951749792138 contacts = 45

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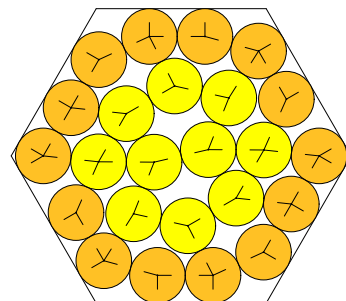
N = 23
23 circles in a hexagon



radius = 0.166338331558 density = 0.769503331354
ratio = 6.011843395521 contacts = 58

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N = 24
24 circles in a hexagon



radius = 0.163462238508 density = 0.775432701310
ratio = 6.117620859286 contacts = 49

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