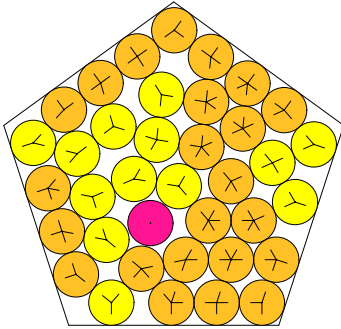


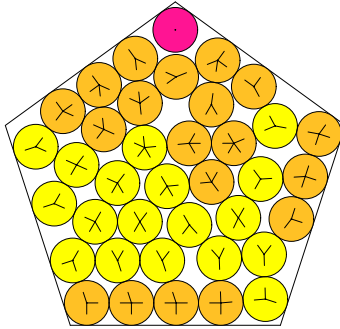
N = 37
37 circles in a pentagon



radius = 0.126679668746 density = 0.784547243181
ratio = 7.893926546391 contacts = 77

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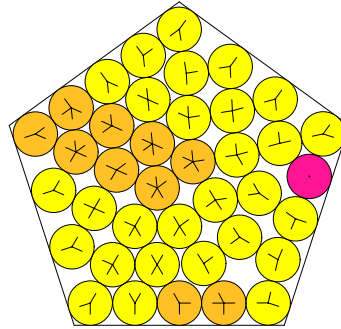
N = 38
38 circles in a pentagon



radius = 0.125056798044 density = 0.785238789166
ratio = 7.996366576159 contacts = 75

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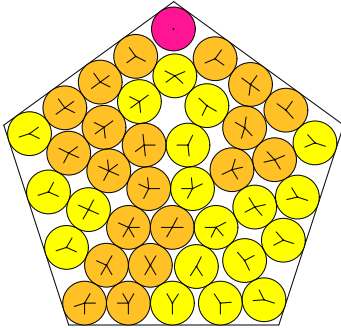
N = 39
39 circles in a pentagon



radius = 0.124185741467 density = 0.794715374348
ratio = 8.052454236566 contacts = 77

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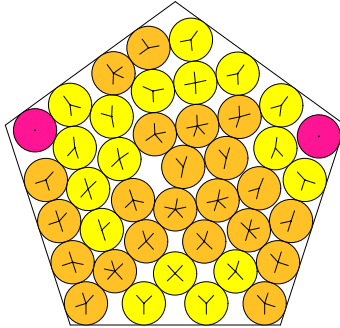
N = 40
40 circles in a pentagon



radius = 0.122413791780 density = 0.791998265961
ratio = 8.169014172835 contacts = 80

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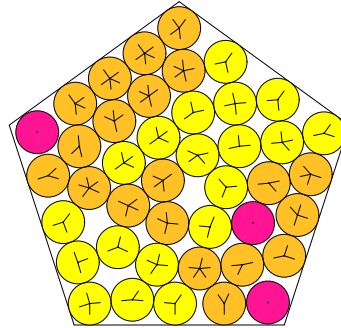
N = 41
41 circles in a pentagon



radius = 0.120982726955 density = 0.792928693410
ratio = 8.265642750580 contacts = 80

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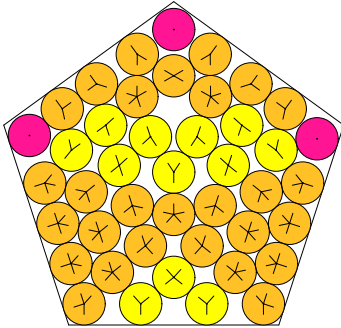
N = 42
42 circles in a pentagon



radius = 0.119848964213 density = 0.797115765780
ratio = 8.343835147569 contacts = 81

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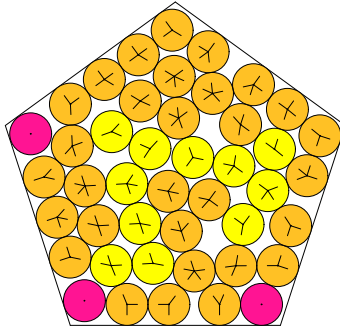
N = 43
43 circles in a pentagon



radius = 0.118421345534 density = 0.796768171019
ratio = 8.44442358022 contacts = 87

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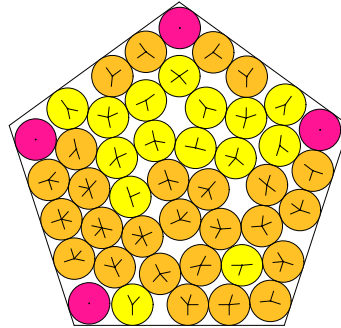
N = 44
44 circles in a pentagon



radius = 0.117257562843 density = 0.799351771065
ratio = 8.528234561219 contacts = 85

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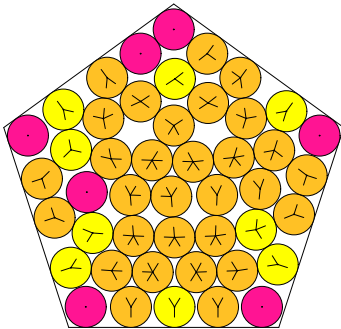
N = 45
45 circles in a pentagon



radius = 0.115792923917 density = 0.797223502406
ratio = 8.636106302252 contacts = 84

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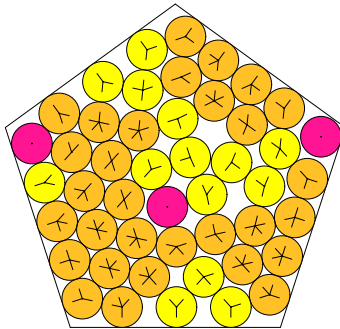
N = 46
46 circles in a pentagon



radius = 0.114685668831 density = 0.799428585597
ratio = 8.719485269549 contacts = 80

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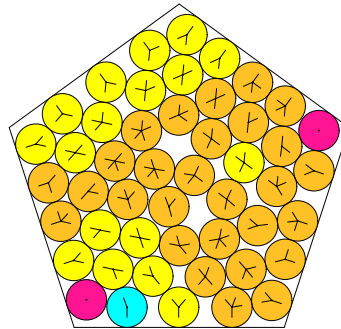
N = 47
47 circles in a pentagon



radius = 0.113728619203 density = 0.803231865120
ratio = 8.792861524246 contacts = 93

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N = 48
48 circles in a pentagon



radius = 0.112997340346 density = 0.809806426252
ratio = 8.849765816949 contacts = 92

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