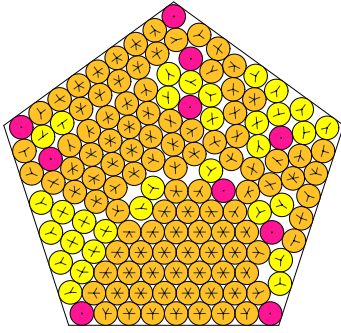


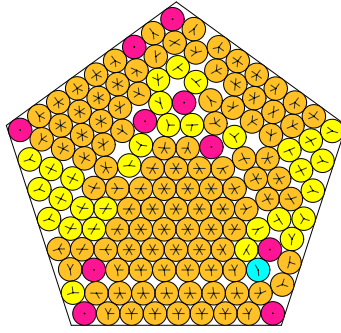
N = 145
145 circles in a pentagon



radius = 0.065781819983 density = 0.829054938330
ratio = 15.201768516870 contacts = 310

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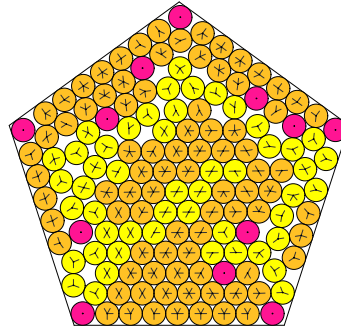
N = 146
146 circles in a pentagon



radius = 0.065569457672 density = 0.829391494827
ratio = 15.251003066128 contacts = 314

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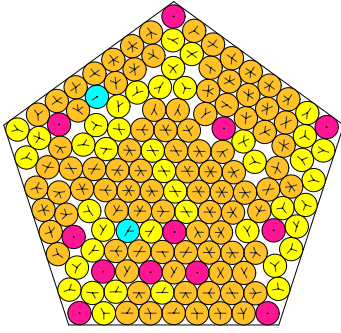
N = 147
147 circles in a pentagon



radius = 0.065412400035 density = 0.831076575011
ratio = 15.287621299095 contacts = 281

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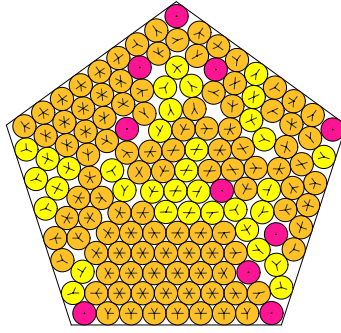
N = 148
148 circles in a pentagon



radius = 0.065149259364 density = 0.830011710195
ratio = 15.349368661474 contacts = 280

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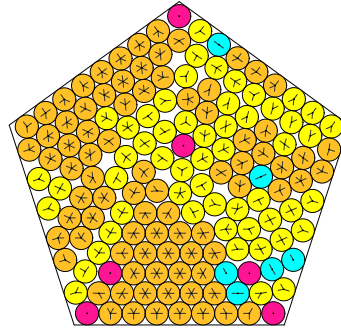
N = 149
149 circles in a pentagon



radius = 0.064960070341 density = 0.830773777238
ratio = 15.394072000702 contacts = 312

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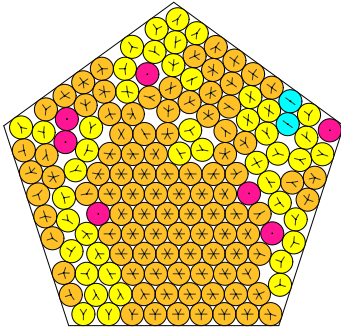
N = 150
150 circles in a pentagon



radius = 0.064730870089 density = 0.830458026371
ratio = 15.448579613175 contacts = 306

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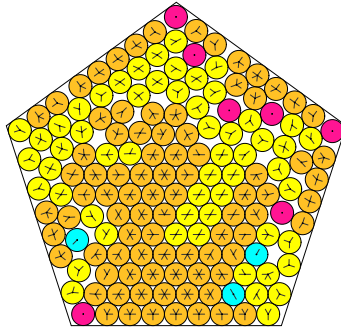
N = 151
151 circles in a pentagon



radius = 0.064486188449 density = 0.829686267464
ratio = 15.507196564903 contacts = 317

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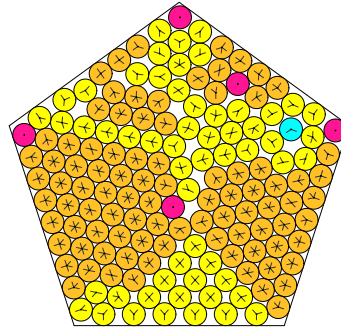
N = 152
152 circles in a pentagon



radius = 0.064303447765 density = 0.830454121365
ratio = 15.551265674813 contacts = 302

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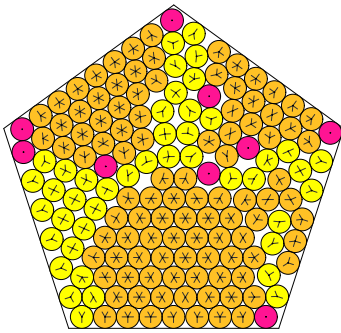
N = 153
153 circles in a pentagon



radius = 0.064104138705 density = 0.830743798905
ratio = 15.599616814164 contacts = 333

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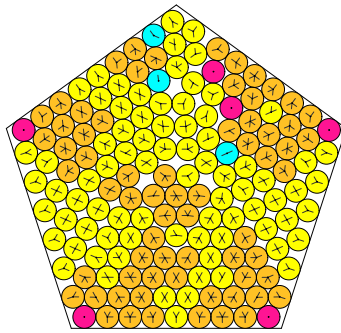
N = 154
154 circles in a pentagon



radius = 0.063934247315 density = 0.831747248158
ratio = 15.641069411095 contacts = 332

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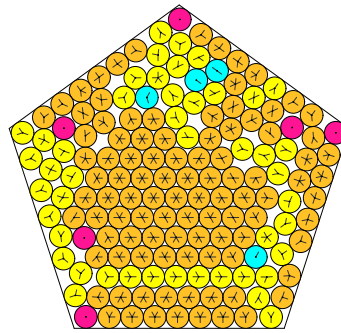
N = 155
155 circles in a pentagon



radius = 0.063792464324 density = 0.83439338665
ratio = 15.675832727217 contacts = 298

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N = 156
156 circles in a pentagon



radius = 0.063543880700 density = 0.832291779573
ratio = 15.737156575645 contacts = 325

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