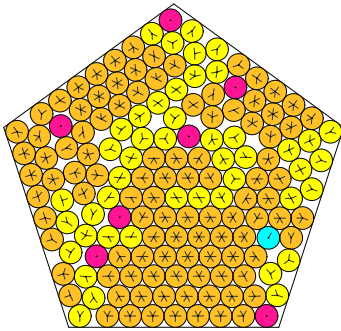


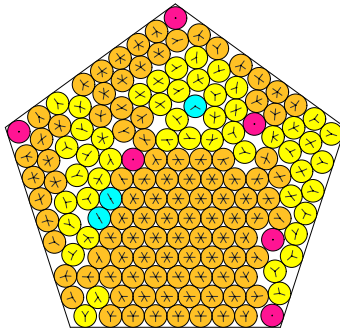
N = 157
157 circles in a pentagon



radius = 0.063378537105 density = 0.832273579974
ratio = 15.778212083742 contacts = 331

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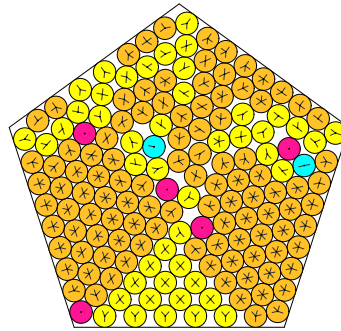
N = 158
158 circles in a pentagon



radius = 0.063128021010 density = 0.831964844740
ratio = 15.840826054750 contacts = 341

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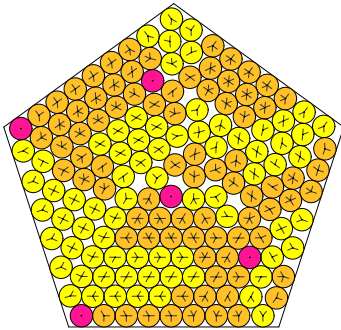
N = 159
159 circles in a pentagon



radius = 0.062943785355 density = 0.832350754032
ratio = 15.887191950088 contacts = 348

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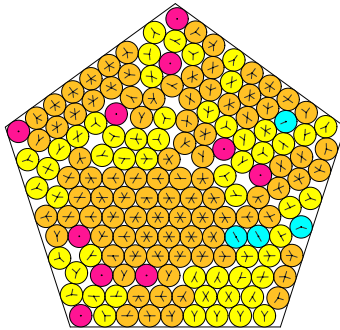
N = 160
160 circles in a pentagon



radius = 0.062737965620 density = 0.832116981324
ratio = 15.939311868302 contacts = 322

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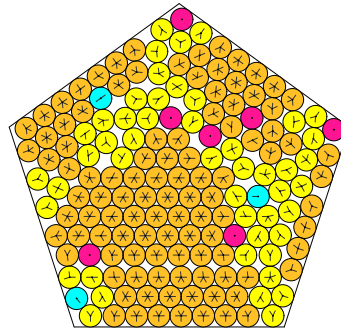
N = 161
161 circles in a pentagon



radius = 0.062534800211 density = 0.831903493098
ratio = 15.991096103704 contacts = 308

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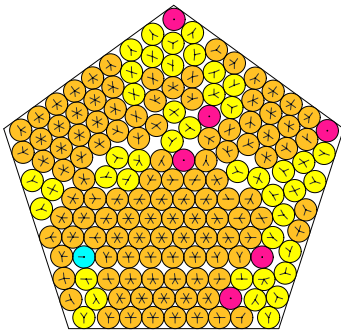
N = 162
162 circles in a pentagon



radius = 0.0623228247848 density = 0.831576724797
ratio = 16.043832302271 contacts = 343

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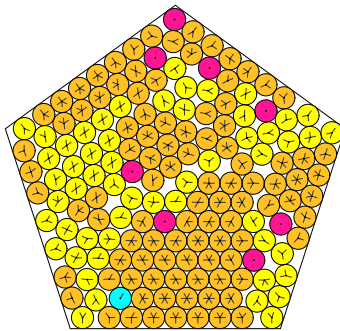
N = 163
163 circles in a pentagon



radius = 0.062130346361 density = 0.83178287765
ratio = 16.095194613673 contacts = 352

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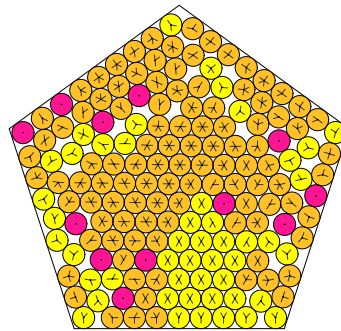
N = 164
164 circles in a pentagon



radius = 0.061963172335 density = 0.831983426596
ratio = 16.138618510259 contacts = 331

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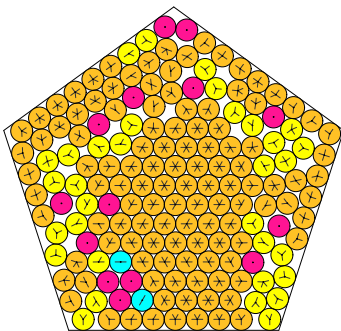
N = 165
165 circles in a pentagon



radius = 0.061769355491 density = 0.831828167543
ratio = 16.189257473242 contacts = 322

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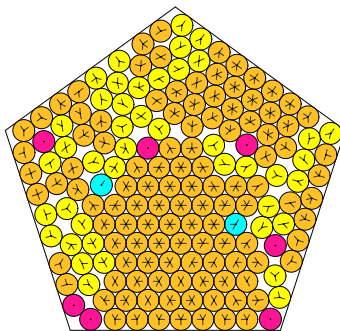
N = 166
166 circles in a pentagon



radius = 0.061559614133 density = 0.83195923056
ratio = 16.244416312284 contacts = 338

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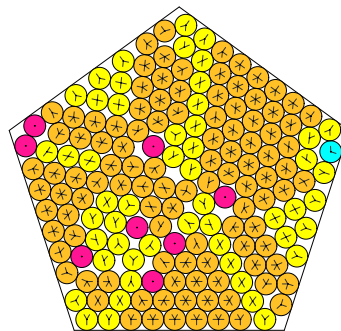
N = 167
167 circles in a pentagon



radius = 0.061377202938 density = 0.831254856567
ratio = 16.292694227369 contacts = 351

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N = 168
168 circles in a pentagon



radius = 0.061197868747 density = 0.831352899641
ratio = 16.340438326931 contacts = 358

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