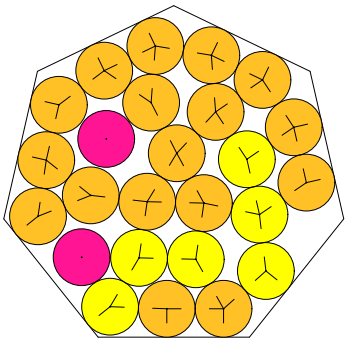
N = 25

25 circles in a heptagon



radius = 0.162741103626 density = 0.760156819932
ratio = 6.144729129400 contacts = 47

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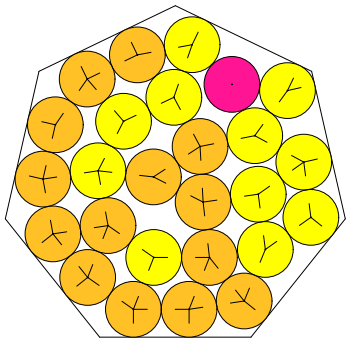
N = 26

26 circles in a heptagon



radius = 0.159744194565 density = 0.761714441912
ratio = 6.260008401094 contacts = 51

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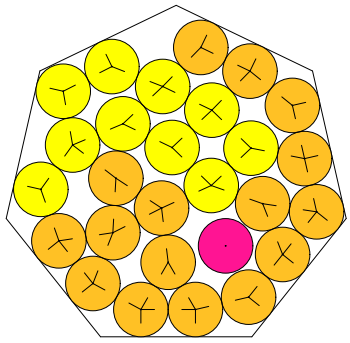
N = 27

27 circles in a heptagon



radius = 0.156454264310 density = 0.758764926361
ratio = 6.391644257235 contacts = 53

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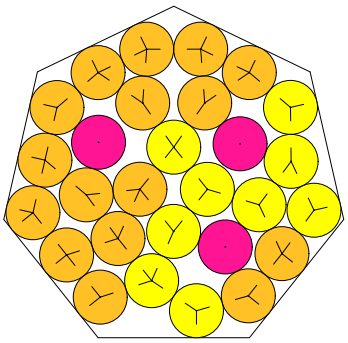
N = 28

28 circles in a heptagon



radius = 0.154724984954 density = 0.769569068234
ratio = 6.463080285934 contacts = 51

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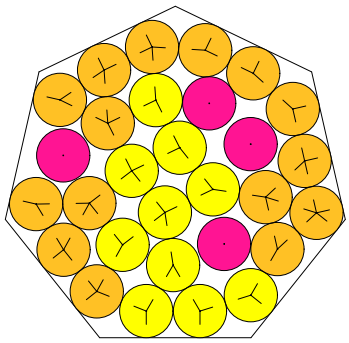
N = 29

29 circles in a heptagon



radius = 0.152728780845 density = 0.776619769802
ratio = 6.547554393281 contacts = 51

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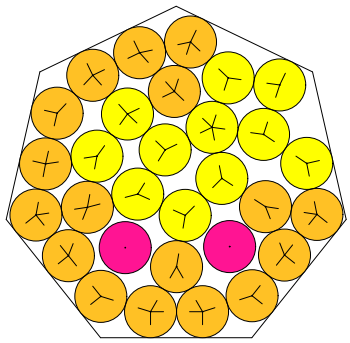
N = 30

30 circles in a heptagon



radius = 0.149156265431 density = 0.766254310420
ratio = 6.704378103806 contacts = 57

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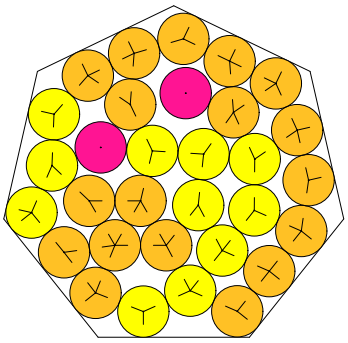
N = 31

31 circles in a heptagon



radius = 0.147209872580 density = 0.771266097139
ratio = 6.793022658540 contacts = 59

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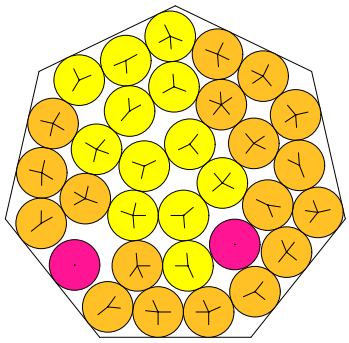
N = 32

32 circles in a heptagon



radius = 0.145041181714 density = 0.772860855244
ratio = 6.894593578062 contacts = 61

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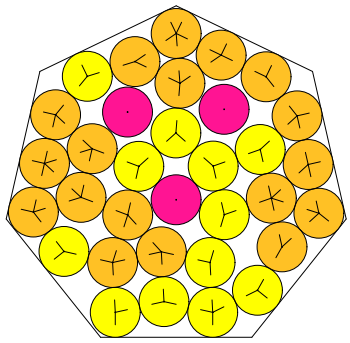
N = 33

33 circles in a heptagon



radius = 0.143043653236 density = 0.775210774271
ratio = 6.990872907534 contacts = 62

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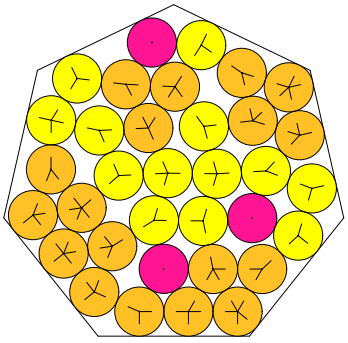
N = 34

34 circles in a heptagon



radius = 0.140883472636 density = 0.774760885719
ratio = 7.098064672079 contacts = 64

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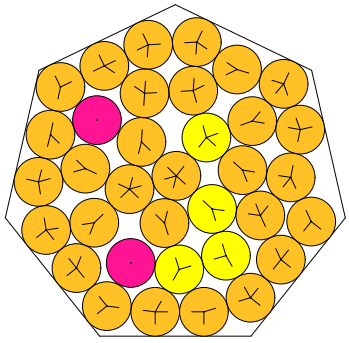
N = 35

35 circles in a heptagon



radius = 0.139632414239 density = 0.783446261126
ratio = 7.161660889759 contacts = 67

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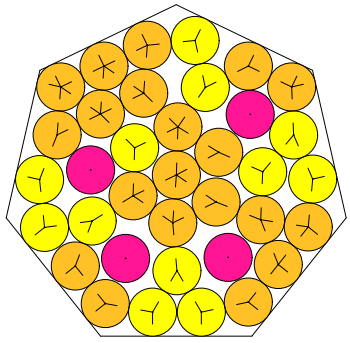
N = 36

36 circles in a heptagon



radius = 0.137786873991 density = 0.784669675764
ratio = 7.257585363815 contacts = 66

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