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Illustrations from On-Line Encyclopedia of Integer Sequences (OEIS), Dec. 2014.

Ways to arrange $\mathbf{n}$ circles.
A250001(3)=15 (only 8 shown).
Just 4 terms known. (J. Wild)
No of points $\mathbf{n}$ steps away in net 3.3.3.3.6, A250120. (Fig. from D. Chavey)

Corners: a ( 20,2 ) corner design..
A232467. No recurrence known. (C.S. Kaplan)

Peaceable queens: n white queens,
n black queens coexist.
A250000(11)=17. (B.M. Smith et al.)
ON cells at generation $n$ of
Fredkin's replicator: A160239(15)
=416. (Layman, Hrothgar, NJAS)
Colors needed for map of empires,
each empire has $n$ disjoint countries:
A230628(2)=12. (Jackson, Ringel; Stewart)

Cut $\mathbf{n}$-gon into $\mathbf{m i n}$ no of pieces.
A160860(7)=47. (V. Letsko)

Max no of points in square grid containing no squares: A227133(8)
$=41$. (H. Ludwig)
Greedy sequence with no 3-term AP. A229037, graph of 10000 terms.
(J.W. Grahl et al.)

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