Polyomino Queendom

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https://phoenixsmaug.github.io/max-poly-queens/

Bridges 2026, Galway

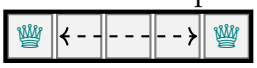
Scan, draw your polyomino and see how many can be placed!

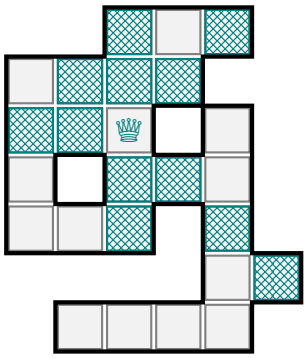
Rules of the Queendom

1. Draw a **polyomino**.
2. Place as many queens as possible on it.
3. Beware! No two queens may threaten each other.

What is a polyomino? How do queens move on it?

A **polyomino** is made of square tiles touching edge-to-edge.
A **queen** moves on polyomino like on a chessboard: horizontally, vertically, and along both diagonals. She cannot jump over holes!
Queens **threaten** each other when they can move to their positions





[1]Based on work by Langlois-Rémillard–Müßig–Roldán, *Res. Math. Sci* 12.14 (2025); Langlois-Rémillard–Müßig, arXiv:2607.24668