The **eight queens puzzle** is the problem of putting eight **chess queens** on an 8×8 chessboard such that none of them is able to capture any other using the standard chess queen's moves.

Thus, a solution requires that no two queens share the same row, column, or diagonal.
The eight queens puzzle is an example of the more general *n queens puzzle* of placing *n* queens on an \( n \times n \) chessboard.

For \( n \geq 4 \), there always exists an arrangement of \( n \) queens on an \( n \times n \) board.

The proof of this fact provides constructions for the different types of boards.