| N - Lucins 11 | - Lucens II | ~ |
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For this problem we only need to setem the count of valid solutions, not the actual configurations.

Koy Idea:

· Tame badetracking logic as N-duens I:

Place queens sow by sow.

· Eusure no two queens share:

· Tame column

Teme diagonal (19w-col)

· Tome anti-cliagonal (194+ col)

· Instead of storing boards, maintain a counter for solutions.

[Complexity:]

· Time: O(n!) in worst cose (sémilar to permutations).

· frace: O(u) for receirmon + O(u) for sets