Observations

- groups
  - 9 horizontal rows
  - 9 vertical rows
  - 9 blocks
- each cell is part of 3 groups
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-   - a cell has only one possible number =>
      * remove this number from other cells
-   - a number is in only one cell possible =>
      * remove all other possible entries for this cell
      * decrement counters for these entries

Pseudocode

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- more sophisticated backtracking version
  - able to solve level 2 sudokus
  - guesses a number for a square
      *
  - level 3 sudokus would need 2 backtracking steps
  -   * 8 would lead to a contradiction => try 6
      * 6 solves the sudoku
- constant time and space complexity
  - assuming a regular 9x9 sudoku
  - otherwise NP complete?