## Official Practice Test for the 11th World Sudoku Championship

## $W_{\text {acky }}$ Slovak $\mathrm{C}_{\text {lassics }}$

## Instructions

There will be 12 classic sudoku puzzles in this competition. Exactly 8 of them will have a unique solution, while 2 of them will have multiple solutions and 2 of them will have no solution at all. It is a part of the solution to find out which of the puzzles have unique solutions and mark the remaining ones. A bonus of 3 points for each full remaining minute will be awarded to any competitor who correctly solves each sudoku. The test duration is 60 minutes.

## Points distribution

| Correctly marked puzzle with no solution | +10 points |
| :--- | :--- |
| Correctly marked puzzle with multiple solutions | +10 points |
| Incorrectly marked puzzle with no solution | -15 points |
| Incorrectly marked puzzle with multiple solutions | -15 points |

Correctly solved puzzles (based on the number of solved grids)

| 1 puzzle | 10 points | 5 puzzles | 60 points |
| :--- | ---: | ---: | ---: |
| 2 puzzles | 20 points | 6 puzzles | 75 points |
| 3 puzzles | 30 points | 7 puzzles | 90 points |
| 4 puzzles | 45 points | 8 puzzles | 110 points |

## Answer Key

Write the content of the marked rows or columns for the correct classic sudoku puzzles. For the incorrect classics select one of two options - sudoku with more solutions or sudoku without solution.

## Credits

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IB1) CLASSIC SUDOKU

|  | 8 |  |  | 6 |  |  |  | 9 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 9 |  |  | 5 |  |  | 7 |  |  |
|  |  | 5 |  |  | 7 |  | 8 |  |
|  | 5 |  |  | 7 |  | 8 |  |  |
| 4 |  |  | 2 |  | 8 |  |  | 7 |
|  |  | 2 |  | 3 |  |  | 6 |  |
|  | 2 |  | 3 |  |  | 6 |  |  |
|  |  | 3 |  |  | 6 |  |  | 1 |
| 1 |  |  |  | 5 |  |  | 2 |  |

IB2) CLASSIC SUDOKU

|  | 4 | 5 |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 2 | 3 |  |  |  | 9 |  |  |  |
| 1 |  |  |  | 7 | 8 |  |  |  |
|  |  |  | 5 | 6 |  |  |  |  |
|  |  | 3 | 4 |  |  |  | 8 | 9 |
|  | 1 | 2 |  |  |  | 6 | 7 |  |
|  |  |  |  |  | 4 | 5 |  |  |
|  |  |  |  | 2 | 3 |  |  |  |
|  |  |  |  | 1 |  |  |  |  |

IB3) CLASSIC SUDOKU

|  |  |  | 2 | 3 | 4 |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 1 | 2 |  |  | 8 |  |  | 6 | 3 |
|  | 3 |  |  | 9 |  |  | 7 |  |
|  | 4 | 5 |  |  |  | 9 | 8 |  |
|  |  |  |  | 5 |  |  |  |  |
| 9 |  | 7 |  |  |  | 2 |  | 4 |
|  | 9 |  |  | 7 |  |  | 3 |  |
| 5 |  | 1 |  |  |  | 7 |  | 8 |
|  |  |  |  | 4 |  |  |  |  |

## 

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## SOLUTIONS

IB1) CLASSIC SUDOKU
1 solution

| 2 | 8 | 7 | 4 | 6 | 3 | 1 | 5 | 9 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 9 | 3 | 1 | 5 | 8 | 2 | 7 | 4 | 6 |
| 6 | 4 | 5 | 9 | 1 | 7 | 2 | 8 | 3 |
| 3 | 5 | 9 | 6 | 7 | 4 | 8 | 1 | 2 |
| 4 | 1 | 6 | 2 | 9 | 8 | 5 | 3 | 7 |
| 8 | 7 | 2 | 1 | 3 | 5 | 9 | 6 | 4 |
| 7 | 2 | 8 | 3 | 4 | 1 | 6 | 9 | 5 |
| 5 | 9 | 3 | 8 | 2 | 6 | 4 | 7 | 1 |
| 1 | 6 | 4 | 7 | 5 | 9 | 3 | 2 | 8 |

IB2) CLASSIC SUDOKU
no solution

|  | 4 | 5 |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 2 | 3 |  |  |  | 9 |  |  |  |
| 1 |  |  |  | 7 | 8 |  |  |  |
|  |  |  | 5 | 6 |  |  |  |  |
|  |  | 3 | 4 | $?$ |  |  | 8 | 9 |
|  | 1 | 2 |  |  |  | 6 | 7 |  |
|  |  |  |  |  | 4 | 5 |  |  |
|  |  |  |  | 2 | 3 |  |  |  |
|  |  |  |  | 1 |  |  |  |  |


| 7 | 5 | 6 | 2 | 3 | 4 | 8 | 9 | 1 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 1 | 2 | 9 | 5 | 8 | 7 | 4 | 6 | 3 |
| 4 | 3 | 8 | 16 | 9 | 16 | 5 | 7 | 2 |
| 3 | 4 | 5 | 7 | 1 | 2 | 9 | 8 | 6 |
| 6 | 8 | 2 | 4 | 5 | 9 | 3 | 1 | 7 |
| 9 | 1 | 7 | 3 | 6 | 8 | 2 | 5 | 4 |
| 2 | 9 | 4 | 8 | 7 | 16 | 16 | 3 | 5 |
| 5 | 6 | 1 | 9 | 2 | 3 | 7 | 4 | 8 |
| 8 | 7 | 3 | 16 | 4 | 5 | 16 | 2 | 9 |

