

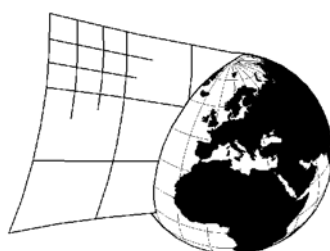
Booklet

SUDOKUCUP 10



HALAS
sudokualogika.cz

**Tournament
of HALAS
league**



SUDOKUCUP.COM

Partners:

TESAR consult
<http://tesar.cz>

Spedrapid

1) Classic Sudoku

Write a single number from 1 to 9 in each cell so that each number appears exactly once in every row, column, and bolded 3x3 box.

	9		7	1	4
8		2			
5			8		7
		5		9	3
5	9	2	4		
7	2	6			
2		3			8
		4		5	
4	1	8		6	

WPF Sudoku Grand Prix, Turkish Round

2) Quadruple Sudoku

Write a single number from 1 to 9 in each cell such that each number appears exactly once in every row, column, and bolded 3x3 box. Each set of four small digits in the intersection of two lines indicate the digits that are in the four adjacent cells.

	3489		2568		
				2345	
		1122		3344	
	2678			1368	
		2345			2458
			5566		7788
		1568			
				3689	
					2567

Sudoku ve Otesi magazine

3) Killer Sudoku

Write a single number from 1 to 9 in each cell so that each number appears exactly once in every row, column, and bolded 3x3 box. The sum of the cells must equal the total given for the cage in the upper right of the cage. Each digit in the cage must be unique.

16	4	7	15					
	7		17			3	10	
11	17	20	8					
			4	10	11			
12			14	7	11			
3				10	14	17		
7	9	21	16	8				
					14	3		
16					10			

Fivefold LMI 2011 Sudoku Test

4) Inner Frame Sudoku

Write a single number from 1 to 9 in each cell such that each number appears exactly once in every row, column, and bolded 3x3 box. The numbers outside the grid appear in the second, third, or fourth cells of the corresponding row or column when viewed in that direction.

6	1	6	3	4	2	2	6	4	5
7	4								1
4									3
7									1
									5
									1
									2
									4
									3
5	2	2	4	1	1	5	3	8	
									9

2012 US Sudoku Team Qualifying

5) Extra Space Sudoku

Write a single number from 1 to 9 in each white cells such that each number appears exactly once in every row, column, and bolded box. The puzzle resembles a 16x16 sudoku, but 7 cells in each row, column, and bolded box are shaded in grey and will not contain any numbers.

		7	6							5	8	4		
			3								1			
4														9
1	9												7	2
5														
							1	2						
						8	2	4	3					
						7	8	6	4					
							6	5						
														4
2	3												8	6
9														3
			7								9			
		1	4	3							7	5		

SudokuCup 3

6) Palindrome Sudoku

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns, 3x3 box. The digits in the squares with the line form palindromes, i.e. they are read evenly from both sides (1234321).

			7	9				
2	8			7	6			
6					8	3		
		1				8		
			4					
3				2				
4	8					9		
	9	3			8	1		
		6	3					

UK 2013 Sudoku Championship

7) Circle Sudoku

Write a single number from 1 to 9 in each cell such that each number appears exactly once in every row, column, and bolded 3x3 box. Digits given in a circle clue around a cell should be placed in the four adjacent cells of the center cell, but they can be rotated with keeping their cycle.

Sudoku ve Otesi magazine

8) Number? Place?

Write a single number from 1 to 9 in each cell so that each number appears exactly once in every row, column, and bolded 3x3 box. A clue outside the grid consists of two digits, say x and y. So either the Xth digit in that direction is Y, or the Yth digit in that direction is X.

3	4								6	3
1	6								2	4
4	5								8	5
4	4								2	4
1	3								4	9
1	3								8	5
2	3								3	7
4	7								1	8
5	6								1	3

2 3 1 4 2 1 7 2 3
5 3 8 6 7 5 8 8 6

Japanese Number Place Championship 2010

9) Disjoint Groups Sudoku

Write a single number from 1 to 9 in each cell so that each number appears exactly once in every row, column, and bolded 3x3 box. Nine cells at the same position in a 3x3 box contain nine different digits.

		3			5			
	8					2		
4			2	6			3	
		8		2	6			
			8		3			
		7	4		3			
8			7	4			9	
	1					6		
		9			8			

Sudoku ve Otesi magazine

10) 0-9 Arrow Sudoku

Write a single number from 0 to 9 in each cell so that each number appears exactly once in every row, column, and bolded 3x3 box. Every circle contains two digits which forms a two-digit number (including '0' in ten's place). This number is the sum of numbers along its arrow. Numbers can repeat along an arrow.

0		6		8	1	
8		3			6	
		9		4	8	
					4	
		4			2	
		6				
				1	3	4
		2			6	1
		1		6	5	2

Crazy Arrows LMI 2011 Sudoku Test

11) Shape Sudoku

Write a single number from 1 to 9 in each cell such that each number appears exactly once in every row, column, and bolded 3x3 box. Also, there are some numbered shapes given beneath the grid that must be put in their proper places inside the grid. The shapes can be rotated, but cannot be reflected.

4	2
3	1
4	2
4	1

1	6
2	3
5	9
2	3

9	1	7	2
8	7	6	9
6	9	6	2

7	8	9
7	8	9

4	8	6
4	8	6
3		

SudokuCup 10

No instructions will be given for this puzzle; instead, on the test itself an example puzzle and solution will be provided from which the rules can be determined.

Surprise

13) Pair Product Sudoku

Write a single number from 1 to 9 in each cell so that each number appears exactly once in every row, column, and bolded 3x3 box. Some intersections of four are marked with a number. That number is the product of two of the four adjacent digits.

	15	8	8	28		10		
20		8		27		12		
2		32		3		36		
	14		36		56		10	
		18		42		25		72
		9		21		40		15
		27		30		8		42
40			28		40		7	

2011 US Sudoku Team Qualifying

14) Antiknight Sudoku

Write a single number from 1 to 9 in each cell such that each number appears exactly once in every row, column, and bolded 3x3 box. The same numbers are not chess-knight move connected.

		3	6	2				
		4			2			
	6		1	4		9		
	2		3		8	1		
		1		5				
		7		8				
	5			2				
	1	9	4	7	5			

Sudoku Mania UK Puzzle Association 2011

15) S, as Not in Sudoku

Write a single number from 1 to 9 in each cell such that each number appears exactly once in every row, column, and bolded 3x3 box. In the grid are some letters, only numbers that do not contain that letter in their English spelling can be entered into those cells. For example, a cell with an E clue can only contain a 2, 4, or a 6 (since only TWO, FOUR, and SIX do not have an E in their spelling and all other numbers do).

T	R	E	E	H	O	U	S	E	O	F	H	O	R	R	O	R	I
T	W	O	S	U	N	S	I	N	T	H	E	S	U	N	S	E	T
S	O	R	R	O	W	S	O	F	T	H	E	V	I	R	G	I	N
W	R	I	T	E	R	S	O	F	T	H	E	F	U	T	U	R	E
W	I	N	E	G	R	O	W	I	N	G	R	E	G	I	O	N	S

- 1- ONE
- 2- TWO
- 3- THREE
- 4- FOUR
- 5- FIVE
- 6- SIX
- 7- SEVEN
- 8- EIGHT
- 9- NINE

2011 US Sudoku Team Qualifying