

# **SUDOKUCUP 12**

## **Competition puzzles**

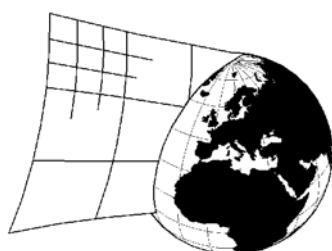
# **Sudoku**

## **Round 1: Ordinary**



**HALAS**  
sudokualogika.cz

**Tournament  
of HALAS  
league**



**SUDOKUCUP.COM**

**Partners:**

**TESAR** consult  
<http://tesar.cz>

**Spedrapid**

### 1) Classics (10 points)

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9.

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

### 2) Classics (17 points)

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9.

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

### 3) Classics (23 points)

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9.

<b>1</b> ▷			4			7			1	◁
		6			8			3		
	2			3			8			
		8			5				2	
		7			3			9		
	4			9			6			
		5			1				9	
		2			5			6		
<b>2</b> ▷	1			4			7			◁

### 4) Diagonal (19 points)

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9.  
Moreover both main diagonals contain all digits 1 through 9.

<b>1</b> ▷		8				1				◁
							1		8	
		3		4						
	9				8		2			
				7		6				
			7		3				4	
						2		5		
	2		3							
<b>2</b> ▷				6				4		◁

### 5) Consecutive (12 points)

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9.

All pair of adjacent cells containing consecutive digits are marked with a circle.

1 ▷

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

◁

2 ▷


◁

### 6) Windoku (20 points)

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9.

Moreover the four marked extraregions contain all digits 1 through 9.

1 ▷

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

◁

2 ▷


◁

### 7) Greater Than (26 points)

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9.

The digit must follow given inequality signs.

**1** ▷

**2** ▷

▷	▷	▷	▷	▷	▷	▷	▷	▷	▷	▷
▷	▷	▷	▷	▷	▷	▷	▷	▷	▷	▷
▷	▷	▷	▷	▷	▷	▷	▷	▷	▷	▷
▷	▷	▷	▷	▷	▷	▷	▷	▷	▷	▷
▷	▷	▷	▷	▷	▷	▷	▷	▷	▷	▷
▷	▷	▷	▷	▷	▷	▷	▷	▷	▷	▷
▷	▷	▷	▷	▷	▷	▷	▷	▷	▷	▷
▷	▷	▷	▷	▷	▷	▷	▷	▷	▷	▷
▷	▷	▷	▷	▷	▷	▷	▷	▷	▷	▷
▷	▷	▷	▷	▷	▷	▷	▷	▷	▷	▷

### 8) Killer (16 points)

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9.

The grid is divided into cages. The sum of digits inside every cage is given. Moreover all digits in one cage must be distinct.

**1** ▷

**2** ▷

▷	▷	▷	▷	▷	▷	▷	▷	▷	▷	▷
▷	▷	▷	▷	▷	▷	▷	▷	▷	▷	▷
▷	▷	▷	▷	▷	▷	▷	▷	▷	▷	▷
▷	▷	▷	▷	▷	▷	▷	▷	▷	▷	▷
▷	▷	▷	▷	▷	▷	▷	▷	▷	▷	▷
▷	▷	▷	▷	▷	▷	▷	▷	▷	▷	▷
▷	▷	▷	▷	▷	▷	▷	▷	▷	▷	▷
▷	▷	▷	▷	▷	▷	▷	▷	▷	▷	▷
▷	▷	▷	▷	▷	▷	▷	▷	▷	▷	▷
▷	▷	▷	▷	▷	▷	▷	▷	▷	▷	▷

### 9) Quadro (27 points)

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9.  
No square of 2x2 cells anywhere in the grid can contain either 4 even or 4 odd digits.

		3			7			5
	2					8	1	
<b>1</b> ▷	1			6			4	
			5					1
		4				9		
	7				8			
	3			7				6
<b>2</b> ▷		7	6				2	
	8			9			5	

### 10) Irregular (30 points)

Fill in the grid so that every row, column, and boldly outlined region contains the digits 1 through 9.

						8		2
	2		3					
				5	4	6		
							1	
<b>1</b> ▷		8					5	
		1						
			9	7	3			
<b>2</b> ▷							3	
								4
	8		1					