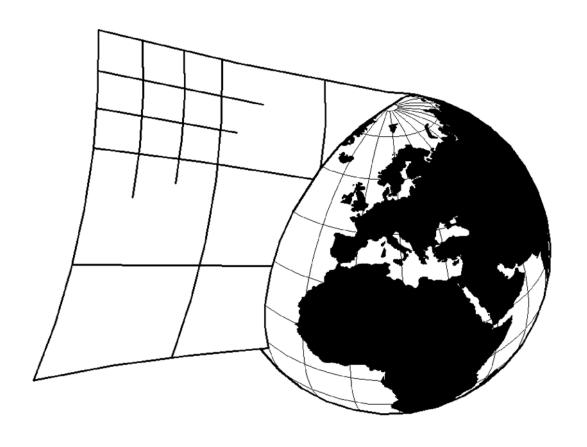
## **Booklet**



## SUDOKUCUP 2.

Kabrňáci

SUDOKUCUP.COM



### **Classical Sudoku**

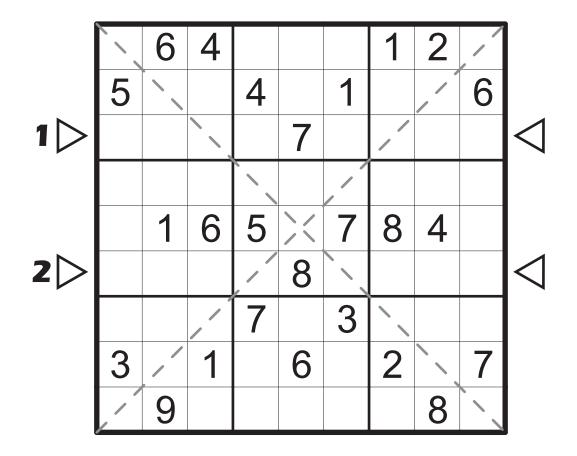
Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9.

					$\bigvee^2$					
		1	4							
	8						6			
	5			1			9		4	
			7	6		5				
1>							5		3	
				3		4		1		
		7	5		2					
						3		3	5	
			6		9			3		
·					$\Delta$					-



### Diagonal

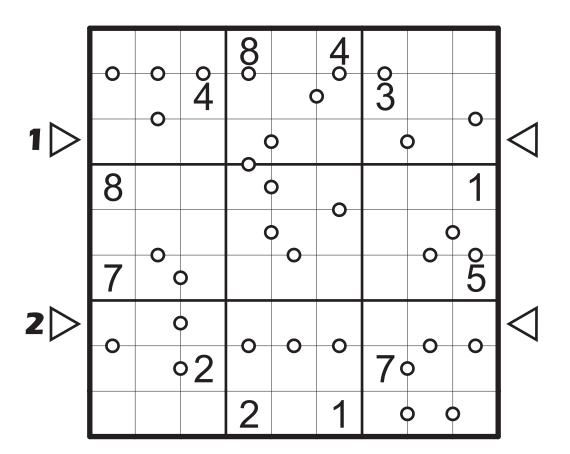
Fill in the grid so that every row, column, 3x3 box, and two main diagonals contains the digits 1 through 9.





### Consecutive

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9. All the places where orthogonally adjacent cells are consecutive numbers are marked with black dots.

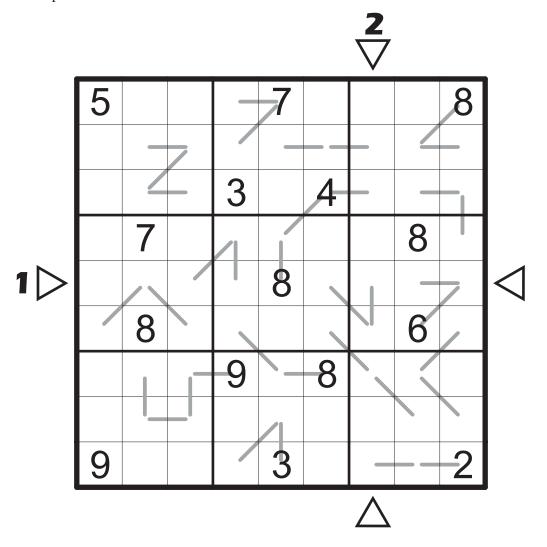




### Sequences

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9. The digits along the grey lines are arithmetic sequences. It means that the difference between two following digits along the line is the same and the digits are not repeated there.

Example: 1-3-5 or 9-8-7-6



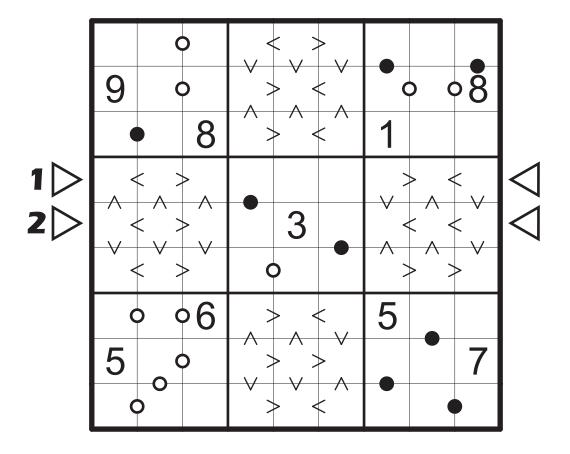


### **Biathlon**

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9. In the first, third, fifth, seventh, and ninth square all the pairs of consecutive digits are marked with white dots and all the pairs in which one digit is the double of the other one are marked with black dots. (The dot between digits 1 and 2 has any of these two dots).

In the second, fourth, sixth, and eighth square there are greater/less signs.

Take care of the cells on the edge of squares where there are no signs.





## **Antiknight**

Fill in the grid so that every row, column, 3x3 box contains the digits 1 through 9. For more the same numbers are not chess-knight move connected.

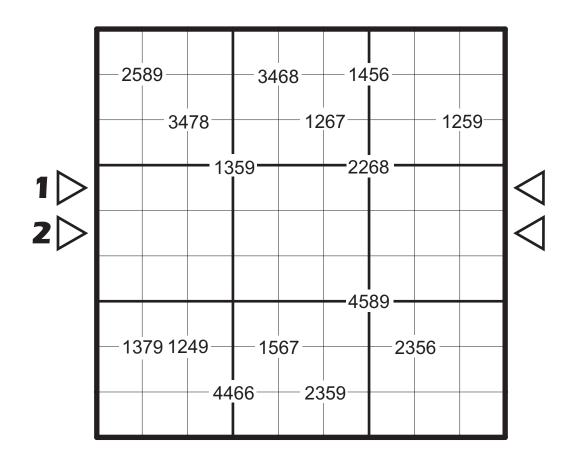
	Х	Х	
Х			Х
Х			Х
	Х	Х	

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



### **Quadruple**

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9. Each set of four small digits in the intersection of two lines indicate the digits that are in the four adjacent cells.

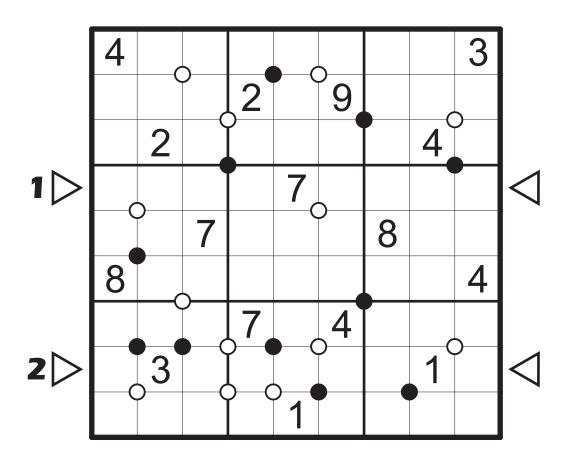




### **Clock-Faces**

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9. Digits around the white clock-faces are ordered by the size in the clockwise direction. Digits around the black clock-faces are ordered by the size in the anticlockwise direction. All the clock-faces are indicated.

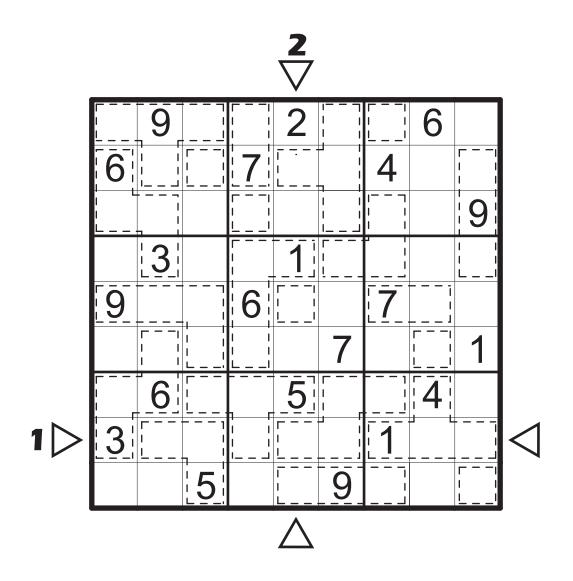
9	5
1	(3
5	4





### Figure Sudoku

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9. All cages of each shape (rotated and/or mirrored) contain the same set of digits, possibly in different orders.

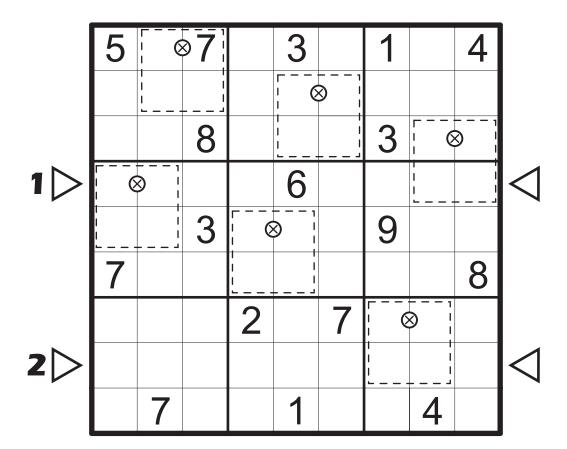




### **Multiplication Table**

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9. In the cage there is calculation of the multiplication table. The two-digit number in the second line of the cage is always product of the one-digit and one-digit numbers in the first line of the cage.

4	3
1	2





### Neighbors

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9. There is a cross in the cell if the value of the digit (in this cell) is the number of different digits among its diagonal neighbors. If the value of the digit is the number of different digits among all the neighbors (up to 8 in any direction), there is a circle in the cell. All the cells with given characteristics are indicated.

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

	8		X	1	$\bigcirc$		9		$\bigcirc$	
1>		9			2	X		5		
	$\bigcirc$		6		X	8			4	
	6			*			7			
	X	8			7			**		
	$\bigcirc$		7	$\bigcirc$		2			8	
2>	9			3			*			
		6	0		X			9	X	
			4	X		9			5	







### **Triathlon**

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9. Three digits marked with the plus-symbol indicate the sum of three closest digits in given row or column. Three digits marked with the cross-symbol (multiplication symbol) indicate the product of three closest digits in given row or column. Three digits marked with the square-symbol indicate the number of visible skyscrapers through the whole row or column in given direction.

					$\otimes$		2		)	
	6	22	17	112	72	45	3	2	3	
2					4					10
4		7						9		21 🕕
1 > 4										14 🔾
280					2					24
× 72			3				5			90 🗙
18					5					168
11										3
<u>+</u> 22		8						4		4
12					8					2
•	4	3	2	60	72	84	22	13	10	•
			)		$\otimes$			$\oplus$	)	

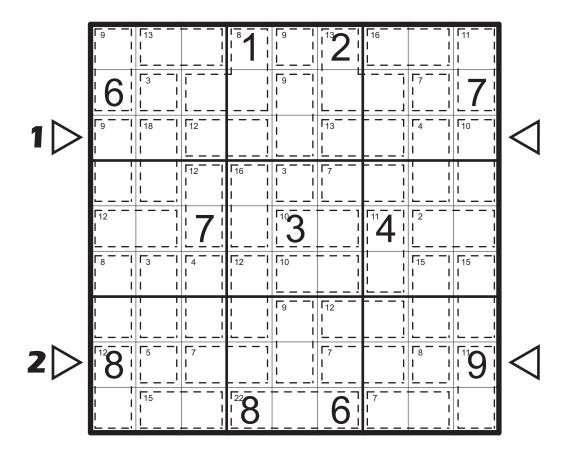


## SUDOKUCUP 2.

## Kabrňáci

### Wrong killer

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9. The difference between the digit given for the cage in the upper right of the cage and the sum of the cell in the cage is one.



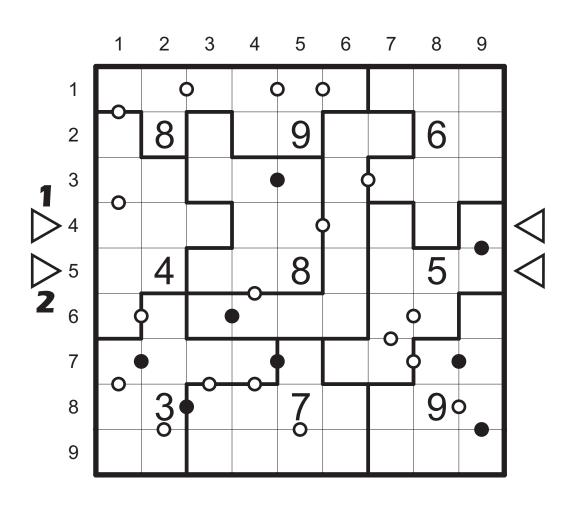


### **Irregular Dots**

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9. If the difference of two adjacent digits in the N-line is N, there is a white dot between them. If the sum of two adjacent digits in the Nline is N, there is a black dot.

The same rule holds for columns.

1020304									
ဘင	4	2	1						
2•	10	4	3						
4	3	1	2						





### **Other Sources**

If you search for other training sources, there are some tips for you:

1. Classical Sudoku

www.fed-sudoku.eu daily puzzles

2. Diagonal

www.fed-sudoku.eu alternatives

3. Consecutive

alternatives www.fed-sudoku.eu

4. Sequences

www.fed-sudoku.eu variant 152

5. Biathlon

a new puzzle :-)

6. Anti-knight

www.fed-sudoku.eu variants 136 and 137

7. Quadruples

cs.sudokucup.com/node/33 Sudokucup 1 puzzles

8. Clock-Faces

www.fed-sudoku.eu variant 158

9. Figure Sudoku

a new puzzle:-)

www.sudoku07.com figure sudoku similar one

10. Multiplication Table

www.fed-sudoku.eu variant 167 similar one

11. Neighbors

cs.sudokucup.com/node/311 GP Prostějov puzzles

12. Surprise

13. Triathlon

a new puzzle:-)

14. Wrong killer

www.fed-sudoku.eu variant 151

cs.sudokucup.com/node/311 GP Prostějov puzzles

15. Irregular Dots

cs.sudokucup.com/node/311 GP Prostějov puzzles