

IN THIS ISSUE

1. Sudoku Fir-tree
2. Different neighbours
Hundred
3. Three/vision
War of the worlds
4. Manifold painting
Twenty five again
5. Magic summer
Snake.BY
6. **Giant minesweeper**

Sudoku Fir-tree

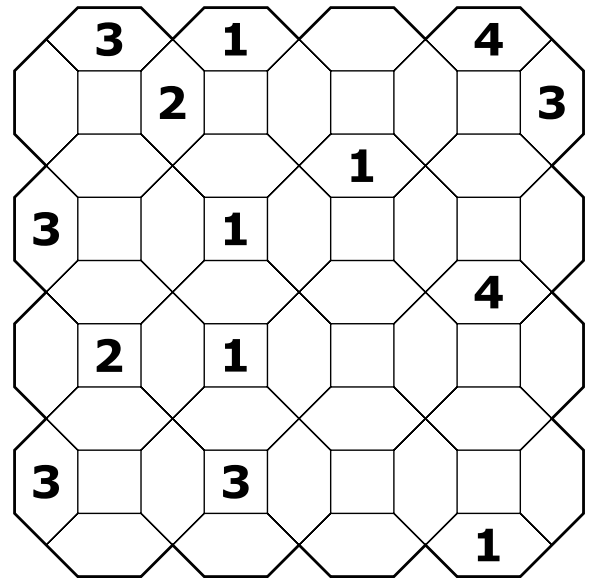
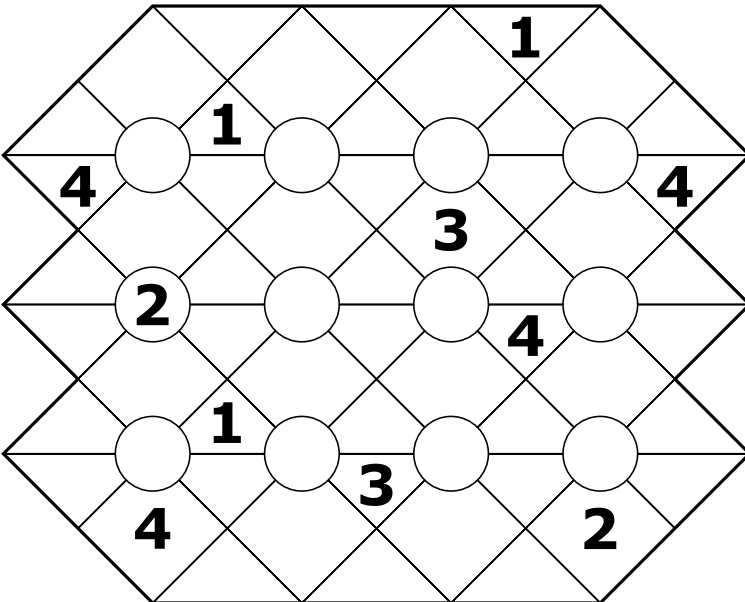
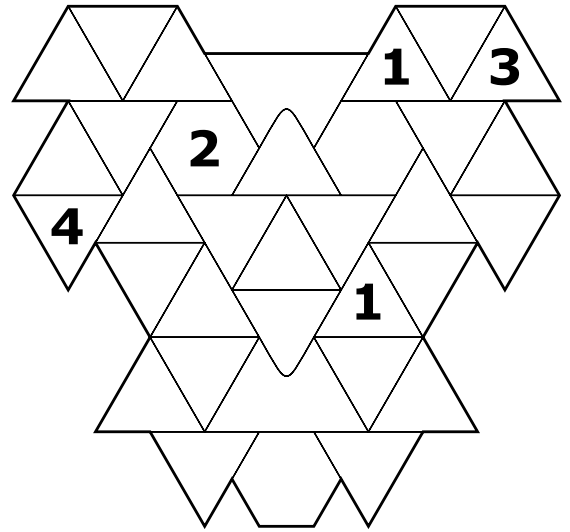
Fill the balls with digits 1 through 7, so that on all lines and in same coloured balls each digit appears exactly once.



Different neighbours

Fill the grid with numbers from 1 to 4, so that cells with the same numbers do not touch each other, not even diagonally.

2		3					
			1				1
4					2		
				1			3
1							
							1
2							4



Hundred

Fill in the grid so that the total of all numbers in every row and column equals to 100. Numbers in cells must contain the digits which are already shown.

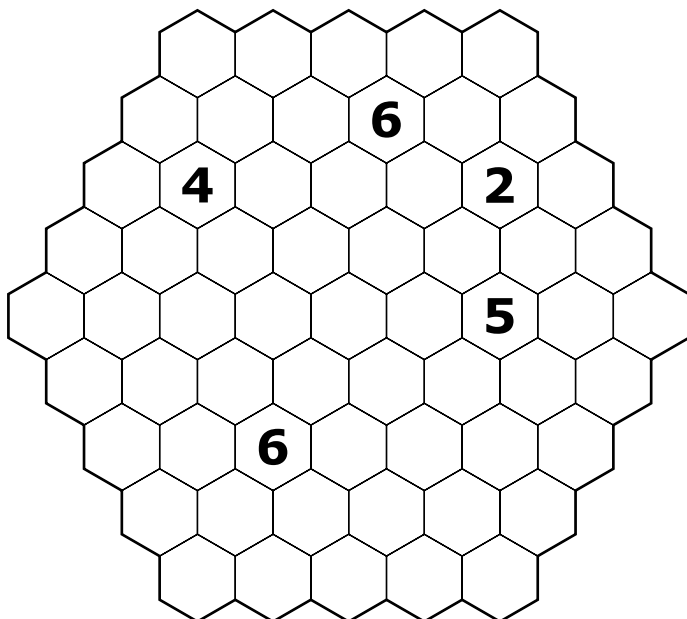
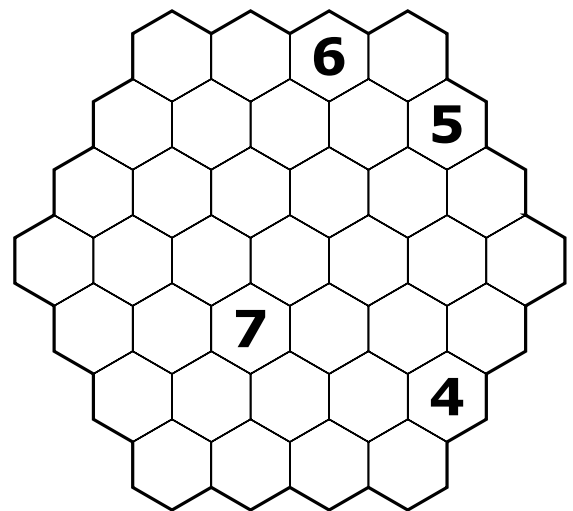
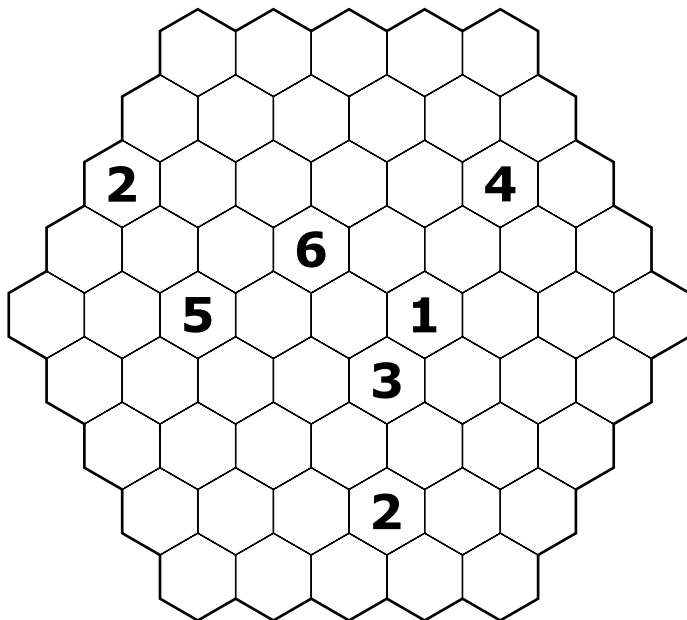
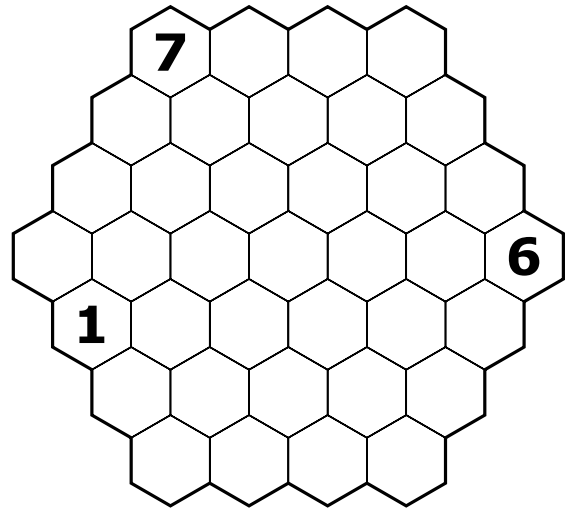
4	7	8
5	1	4
8	2	5

6	2	3
4	8	1
7	3	8

2	5	7
4	3	6
9	8	2

Three/vision

Place in grids some 3-cell figures, not touching one another. Digits in cells show the number of cells occupied by figures in the same row and both diagonals, not counting the cell with the digit itself. All cells with digits belong to the figures.



War of the worlds

The grids are occupied by some aliens. Each alien has three identical legs, of any integer length, 120 degrees apart. Digits show the number of occupied cells within one cell radius. No more than one alien can occupy any cell.

IT'S THE CONTEST PUZZLES!

Answer key: write down the number of cells occupied by aliens in every row, from top to bottom.

Manifold painting

Paint each square of the grid with one of two colours, so that there are no two 2x2 squares painted identically. Different digits represent different colours.

	0	1	0	
			0	1
0		0	1	
0	1			

	1		1	
0		0		1
	0		0	
		0		1
	0			

			0	0
	1		0	
0		0		
	0	0	0	
				0

	0	1	0	
		0		
	0	1		
		0		1
	0		1	

		1		
	1	1	1	
				0
	0			
1	1	1		

1				0
	1		1	
	0	1		
	1		0	
1				0

Twenty five again

Fill the table with numbers from 1 to 25, starting from the cell with "1" and writing each next number in one of eight neighbouring cells. None of two numbers in the same row or column can give the sum ending with "0".

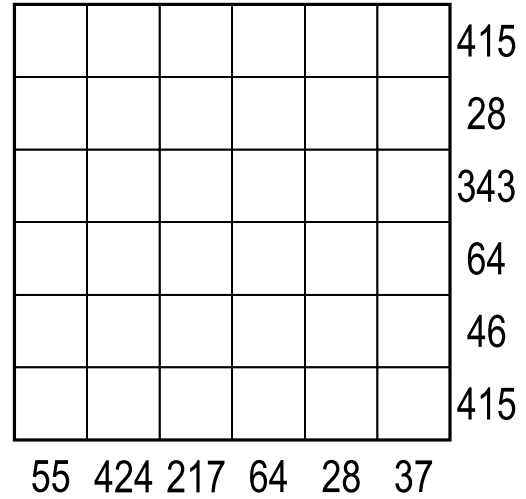
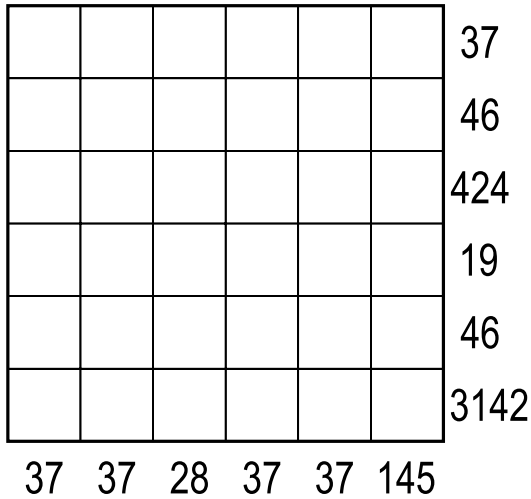
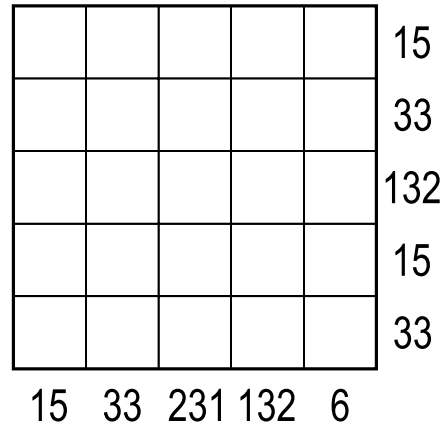
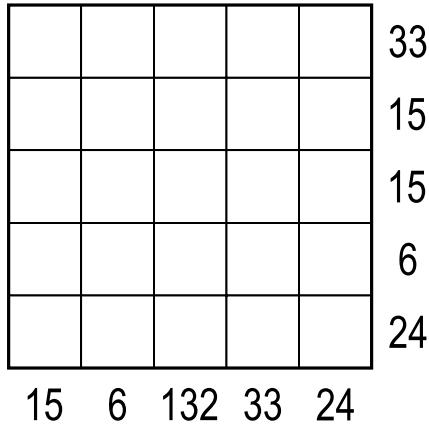
1				
		17		
	21			

1				
				11
			17	

1				
			18	
12				

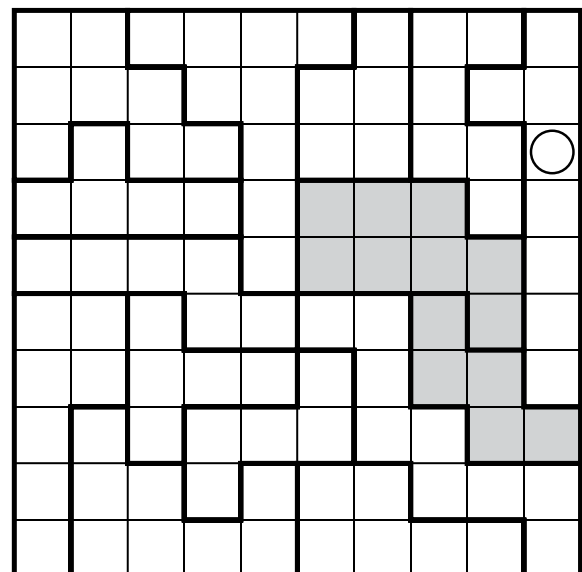
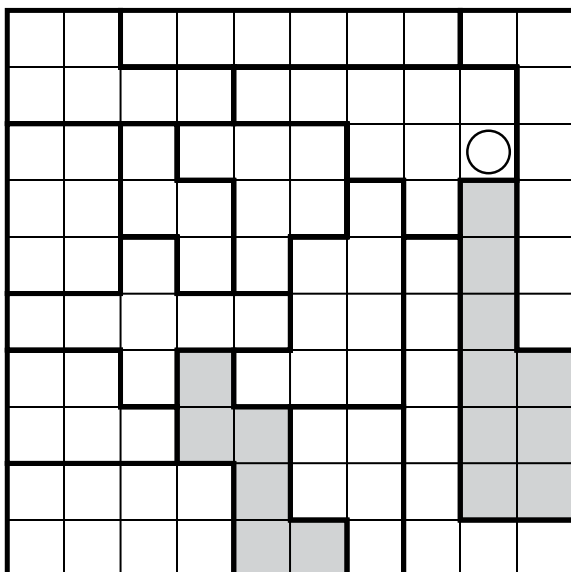
Magic summer

Place in the grid digits from 1 to 3 (1 to 4 in bigger grids), so that each row and column contains each digit exactly once. Numbers outside the grid show the total of all numbers appearing in corresponding rows and columns. These numbers are separated by at least one empty cell.



Snake.BY

Draw in the grid a snake, 45 cells long, not touching itself. Each outlined region must contain exactly 3 cells occupied by the snake. The regions that contain the head and the tail of the snake are marked by grey color. Circled squares are occupied by the snake.



IT'S THE CONTEST PUZZLES!

Answer key: write down the number of cells occupied by the snake in every row, from top to bottom.

Giant minesweeper

Place in free cells 200 mines, one per cell, so that each number shows the quantity of mines in the surrounding cells.

			4	2				4	4							4			
		4										3	5						
2						4	6		4				4	3	3	3	3	3	3
			3	3	5						3	4		3	2				
	3					1			2					6					2
		2			3			2	2	2	2					3			
				5											6				3
2	5			5	4			3	3	2	6						2		
														2	2				3
		2	4	3			2	3	4								4		
	3					3			1	3			2	4	3				1
				3		2		3		1		5					2	2	
3		3		2				2		3			5		4				
		4				5	4				4	3							3
2			2							5			3	6	4				
3					4		2	3			3								
	3	2	3			4			4		4			4	5	3			
					2			5			2			2	4				
1		2		3						6								4	3
						4			3				3	3	6				
	4	4				4	3			5	4								4
					3				3							5			
	1					4		4				5		2	4	3		4	
3		2	2							4									
					3	1	3					2	4			2	3		

IT'S A CONTEST PUZZLE!

Answer key: write down the number of cells occupied by mines in every row, from top to bottom.