LMI - JUNE SUDOKU TEST
INSTRUCTIONS BOOKLET

LOGIDOKU

June 18. - 19. 2011

ZUZKA HROMCOVÁ & MATÚŠ DEMIGER

SPECIAL THANKS BELONGS TO PRESOLVERS:
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	PUZZLE TYPE	SMALL	BIG	BOTH
1	Battleship sudoku	4	18	27
2	Domino sudoku	4	32	46
3	Easy as ABC sudoku	2	24	31
4	Fence sudoku	5	15	25
5	Japanese sums sudoku	6	30	44
6	Kakuro sudoku	3	16	24
7	Kropki sudoku	2	25	33
8	Pairs sudoku	7	25	38
9	Skyscrapers sudoku	5	20	28
10	Tapa sudoku	4	26	37
				TOTAL 333

solving time: **123 minutes**

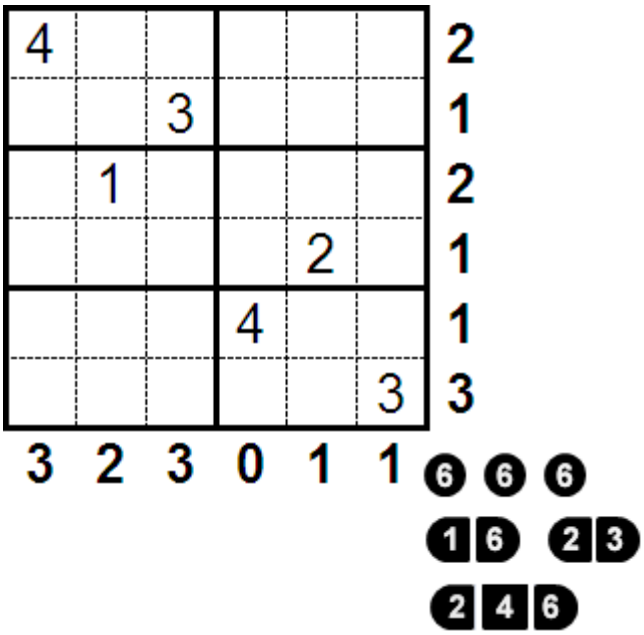
TIME BONUS **3 points** per each saved minute if **all the puzzles** are solved correctly

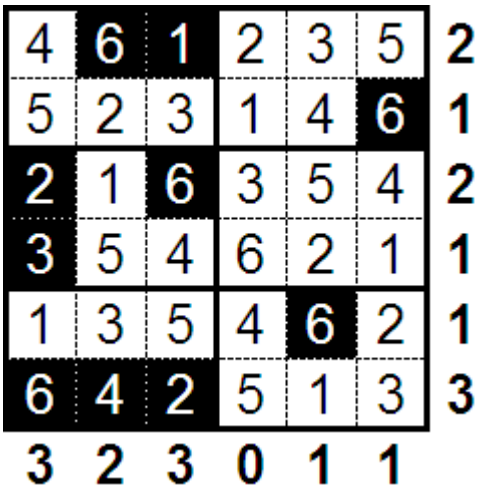
ANSWER KEY For each sudoku grid in the PB there will be **two marked rows/columns**

Battleships sudoku

SMALL 4 BIG 18 BOTH 27

Fill in the whole grid with digits 1-n, so that each digit appears exactly once in each row, each column and each outlined region. Place the given fleet into the grid. The ships cannot touch each other, may be rotated, and could be placed only horizontally or vertically. The ships could not occupy the cells where are numbers already given. The numbers outside the grid indicate how many cells in that row or column contain parts of ships.

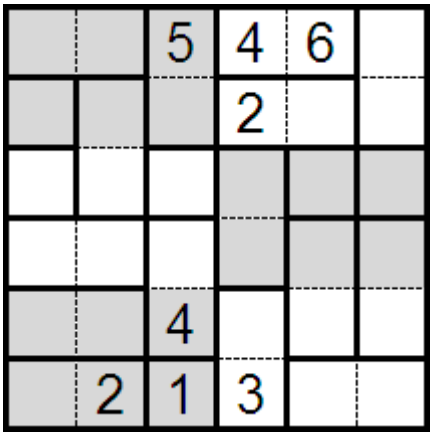


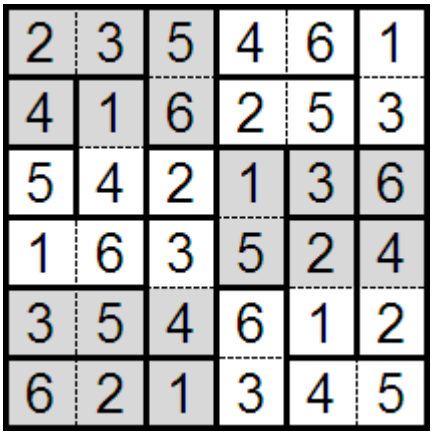


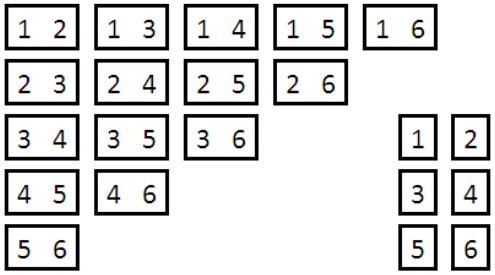
SMALL 4 BIG 32 BOTH 46

Domino sudoku

Fill in the whole grid with digits 1-n, so that each digit appears exactly once in each row, each column and each colored region. Also place all the given domino pieces (also single pieces) in the grid. The borders of domino pieces are already shown.



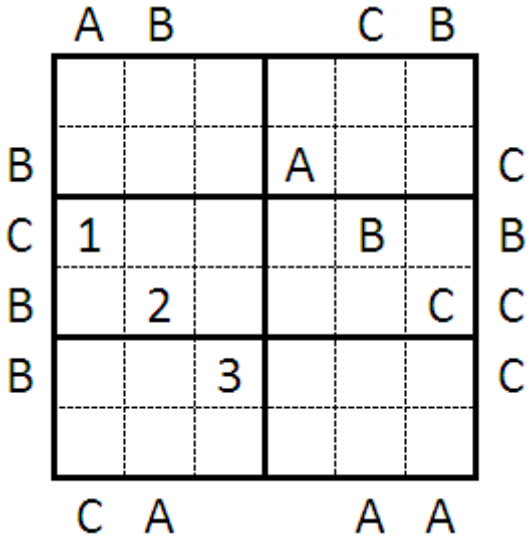


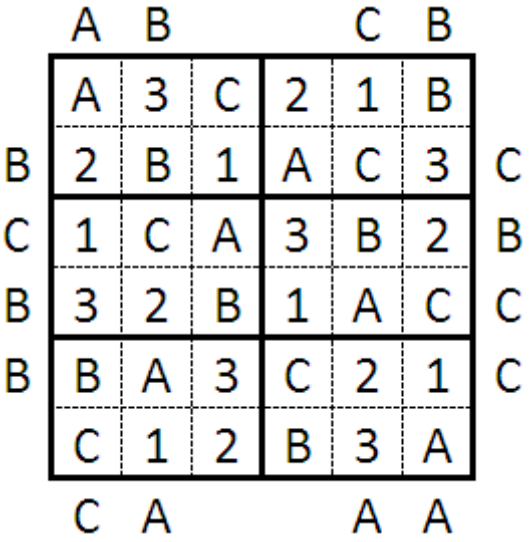


Easy as ABC sudoku

SMALL 2 BIG 24 BOTH 31

Fill in the whole grid with symbols from given range, so that each symbol appears exactly once in each row, each column and each outlined region. The letters outside indicate which letter is the first visible from corresponding direction.



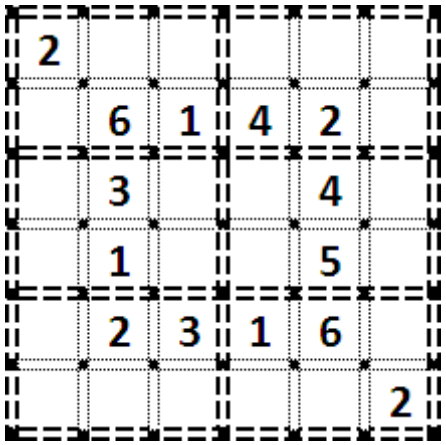


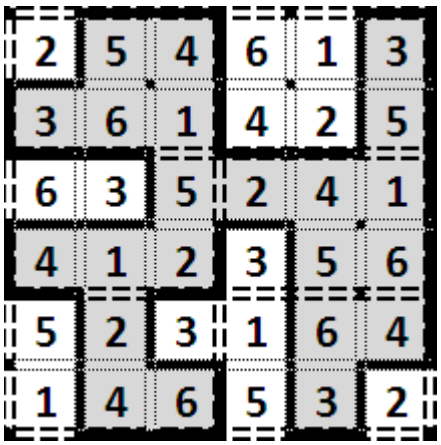
RANGE: 1 2 3 A B C

Fence sudoku

SMALL 5 BIG 15 BOTH 25

Fill in the whole grid with digits, so that each digit appears exactly once in each row, each column and each outlined region. Draw a closed fence, without crossing or overlapping. All the numbers from the given range determine the amount of the cell edges, which belong to the fence.





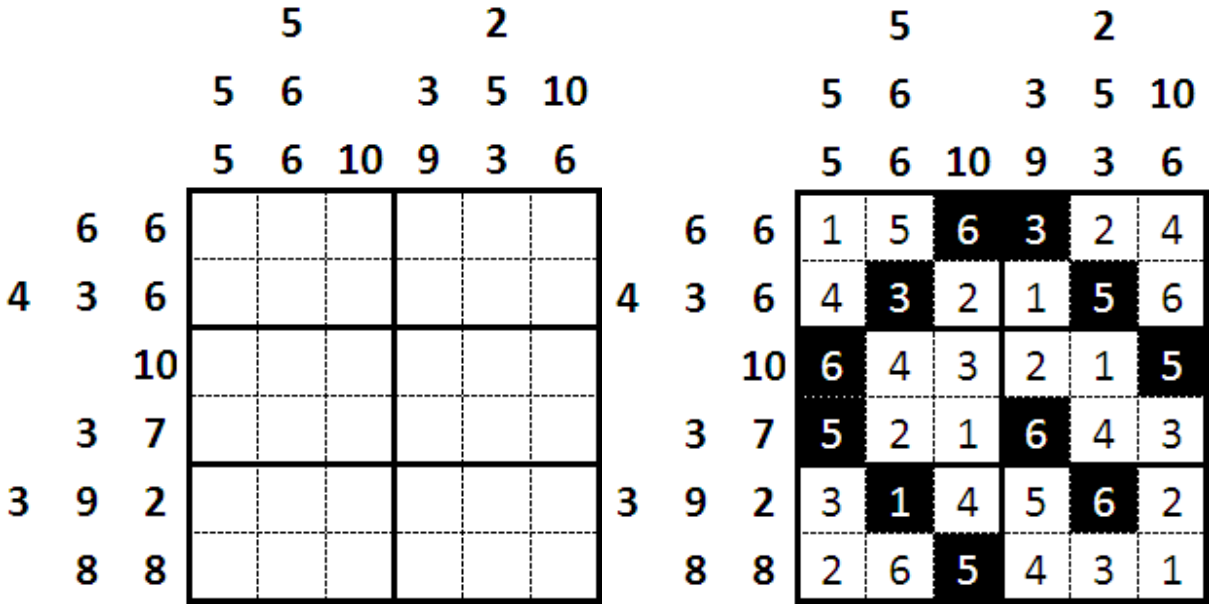
Use digits from 1 to 6.

RANGE: digits 1,2,3

Japanese Sums sudoku

SMALL 6 BIG 30 BOTH 44

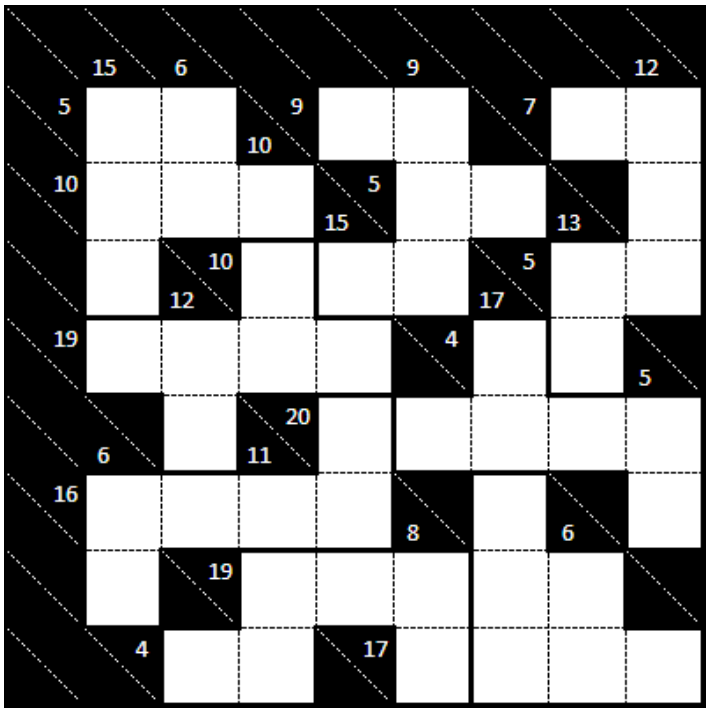
Fill in the whole grid with digits 1-n, so that each digit appears exactly once in each row, each column and each outlined region. Some of the cells inside the grid should be blackened. The numbers outside the grid represent sums of numbers from white cells of the corresponding row or column. If there is more than one sum, the given order is valid and there must be at least one blackened cell between the sums.

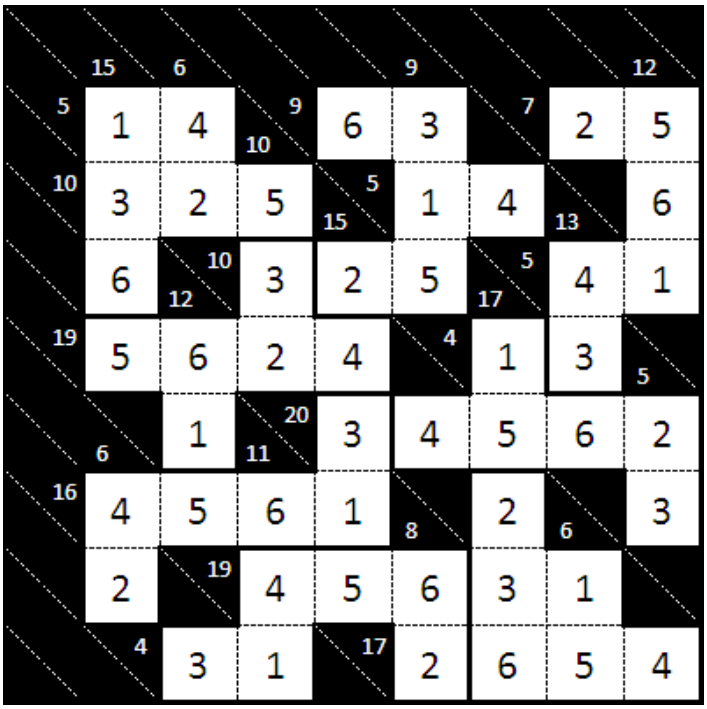


Kakuro sudoku

SMALL 3 BIG 16 BOTH 24

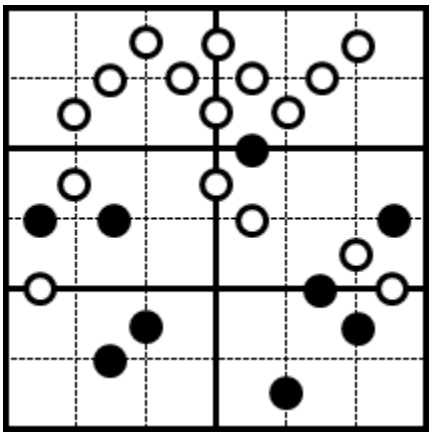
Fill in the whole grid with digits 1-n, so that each digit appears exactly once in each row, each column and each outlined region. The numbers in blackened cells represent sums of the numbers in corresponding direction to the next black cell.

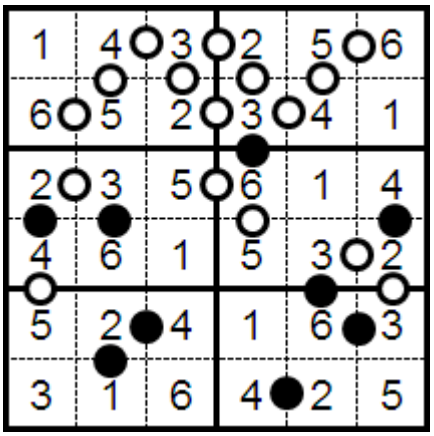




Kropki sudoku

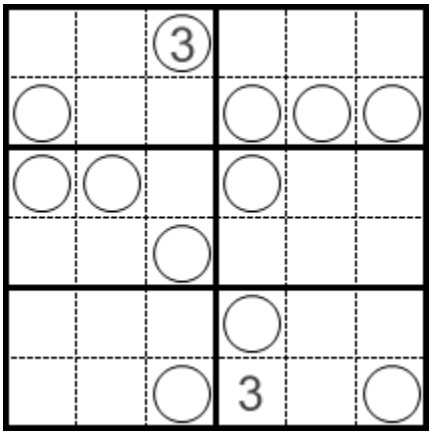
Fill in the whole grid with digits 1-n, so that each digit appears exactly once in each row, each column and each outlined region. All adjacent cells containing consecutive digits are separated by a white dot, and all adjacent cells where one digit is exactly half of the other in value are separated by a black dot. The dot between 1 and 2 may be black or white, and not necessarily consistent throughout the puzzle.

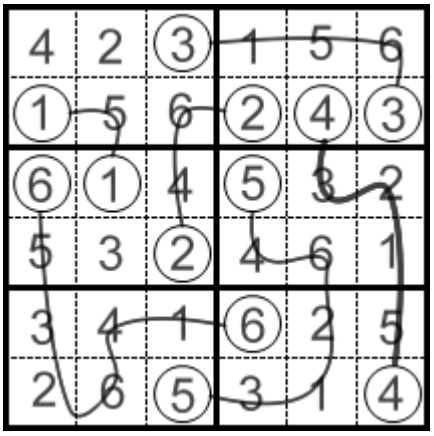




Pairs sudoku

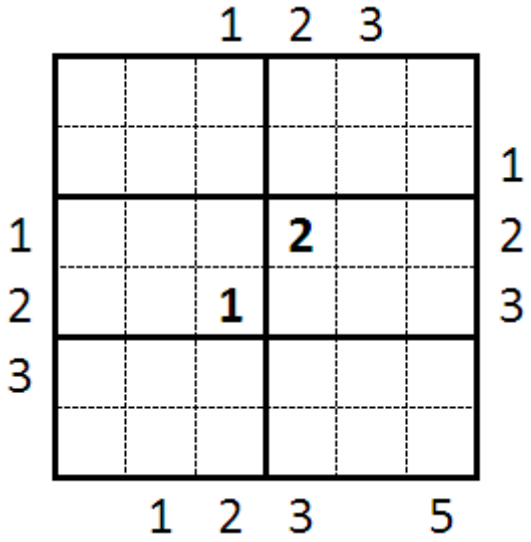
Fill in the whole grid with digits 1-n, so that each digit appears exactly once in each row, each column and each outlined region. The circles in the grid should be filled with two sets of digits 1 to n. Circles with the same digit N should be connected by the line going (only horizontally/vertically) through exactly N cells. Along each connecting line all the numbers should be different. Lines cannot touch or intersect each other.

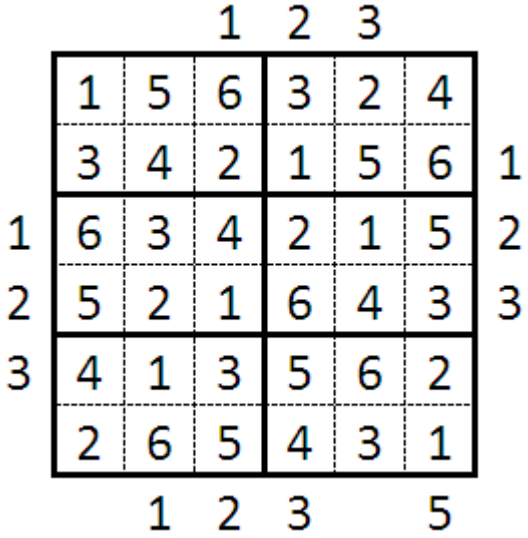




Skyscrapers sudoku SMALL 5 BIG 20 BOTH 28

Fill in the whole grid with digits 1-n, so that each digit appears exactly once in each row, each column and each outlined region. Each digit inside the grid represents a building with the height of the digit itself. Numbers outside the grid indicate the number of buildings that can be seen by an observer looking into the grid in the corresponding direction, taking into account that higher buildings block the view of lower buildings from the observer.





Tapa sudoku SMALL 4 BIG 26 BOTH 37

Fill in the whole grid with digits 1-n, so that each digit appears exactly once in each row, each column and each outlined region. The numbers from given range form a Tapa wall. Tapa is a continuous wall formed by black cells, which are interconnected by edge. The black cells cannot form a square 2x2.

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

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

RANGE: digits 1,2,3,4

HAVE A NICE TIME WITH OUR LOGIDOKU PUZZLES ...