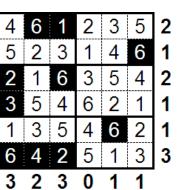
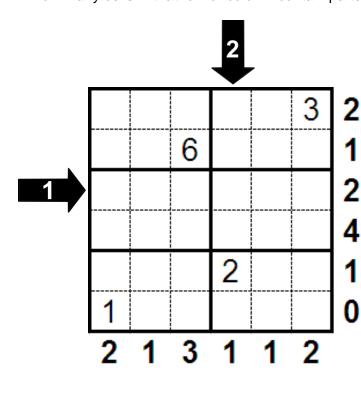
## Battleships sudoku

 $\mathsf{SMALL}\,4\,\mathsf{BIG}\,18\,\mathsf{BOTH}\,27$ 

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.





6 6 6 **1**6 **2**3 **24**6

Use digits 1 - 6

0 6 6 **20 6**6

**21**3

1

Use digits 1 - 9

2377 173568 589659 1728

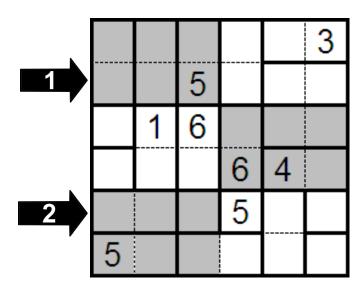
									_
		6	7		4	2	5		1
	5						4		3
	3		5				9		1
									3
	1				7		2		1
	6						7		4
	8	5	4		2	9			1
									4
2	1	5	0	1	2	1	2	3	

#### Domino sudoku

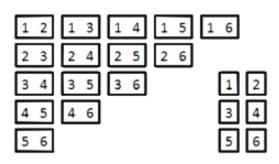
# $_{\text{SMALL}}4$ big 32 both 46

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.

2	3	5	4	6	1
4	1	60	2	5	თ
5	4	2	1	3	6
1	6	3	5	2	4
3	5	4	6	1	2
6	2	1	3	4	5



# Use digits 1 - 6

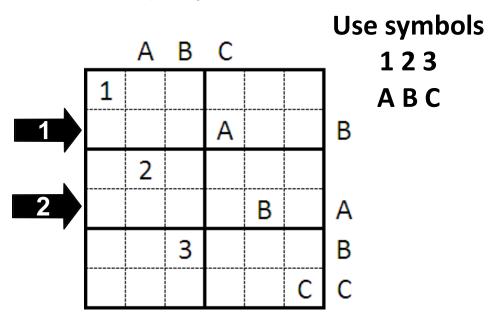


Use digits 1 - 9		1				3		
1 2 1 3 1 4 1 5 1 6 1 7 1 8 1 9	5	7	9		3	2	6	
2 3 2 4 2 5 2 6 2 7 2 8 2 9		5				4		
3 4 3 5 3 6 3 7 3 8 3 9       4 5 4 6 4 7 4 8 4 9				3				
5 6 5 7 5 8 5 9 6 7 6 8 6 9 1 2 3	6						8	
7879 456	1	4				6	7	
8 9 7 8 9		6	4	9	2	1		
2								

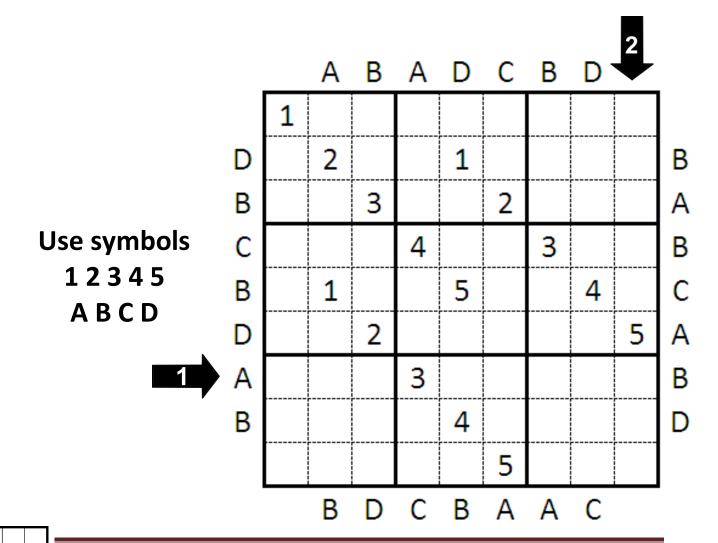
### Easy as ABC sudoku

 $\mathsf{SMALL}\, 2 \quad \mathsf{BIG}\, 24 \quad \mathsf{BOTH}\, 31$ 

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.



_	Α	В			С	В	
	Α	3	С	2	1	В	
В	2	В	1	Α	С	3	(
С	1	С	Α	3	В	2	Е
В	ო	2	В	1	Α	С	(
В	В	Α	3	С	2	1	(
	C	1	2	В	3	Α	
	С	Α			Α	Α	



LOGIC MASTERS INDIA

3

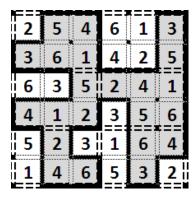
LOGIDOKU

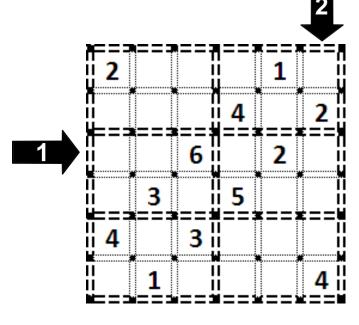
JUNE 18. - 19. 2011

#### Fence sudoku

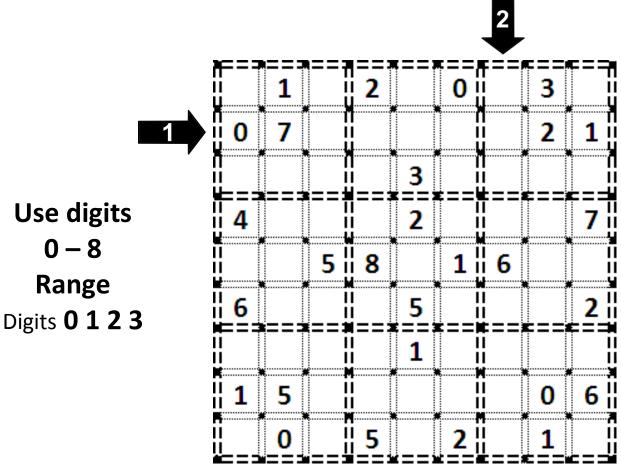
 $\mathsf{SMALL}\,\mathbf{5}\,\mathsf{\ BiG}\,\mathbf{15}\,\mathsf{\ BOTH}\,\mathbf{25}$ 

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.



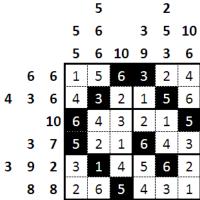


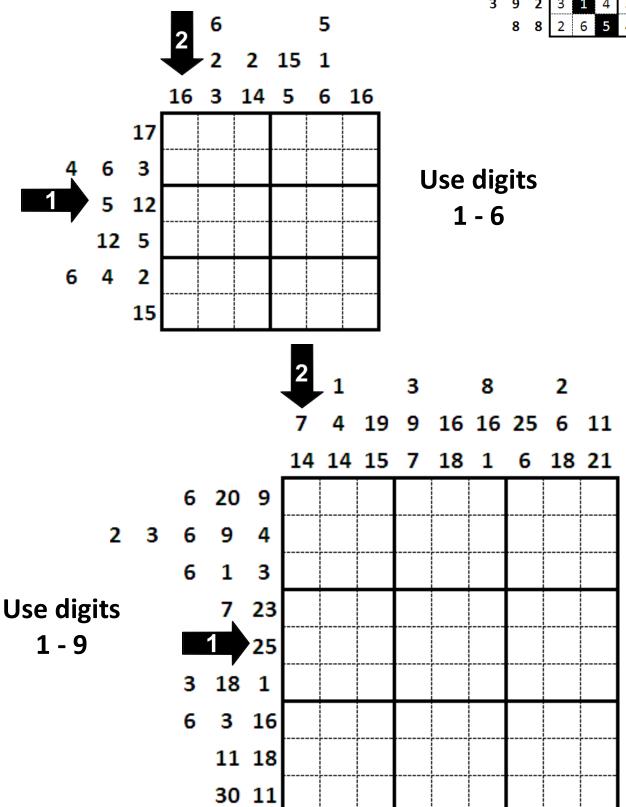
Use digits
1 – 6
Range
Digits 1 2 3



# 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.



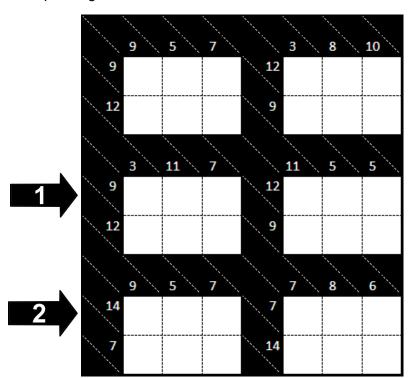


5

 $\mathsf{SMALL}\,3\,\mathsf{BIG}\,16\,\mathsf{BOTH}\,24$ 

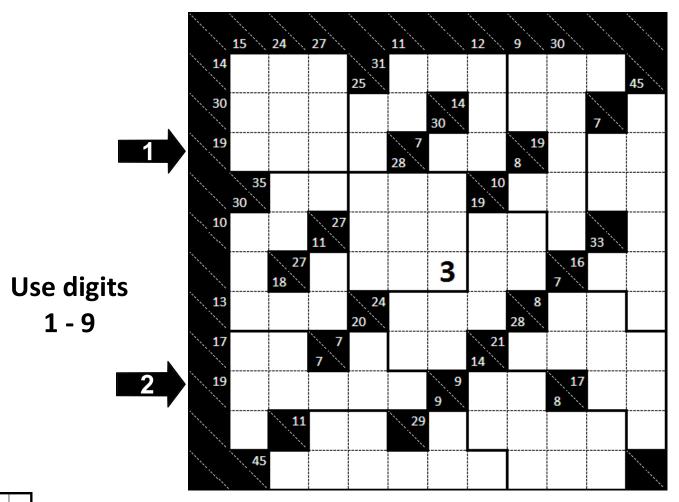
Fill in the whole grid with digits 1-n, so that each digit appears exactly once in each row, each column and each outlined region. The numbers in blackened cells represent sums of the numbers in

corresponding direction to the next black cell.

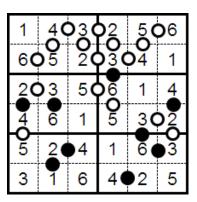


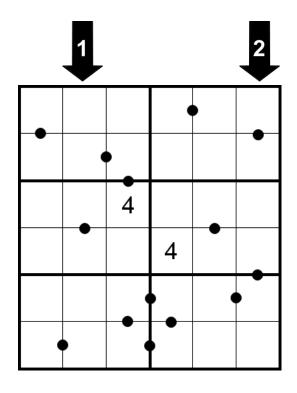
The same	15	6			9			12
5	1	4	10	6	3	7	2	5
10	3	2	5	5 15	1	4	13	6
Serve serve	6	10 12	3	2	5	5 17	4	1
17	5	6	2	4	4	1	თ	5
Server and	6	1	20 11	3	4	5	6	2
16	4	5	6	1	8	2	6	3
San	2	19	4	5	6	3	1	
Andrew Market	4	3	1	17	2	6	5	4

Use digits 1 - 6

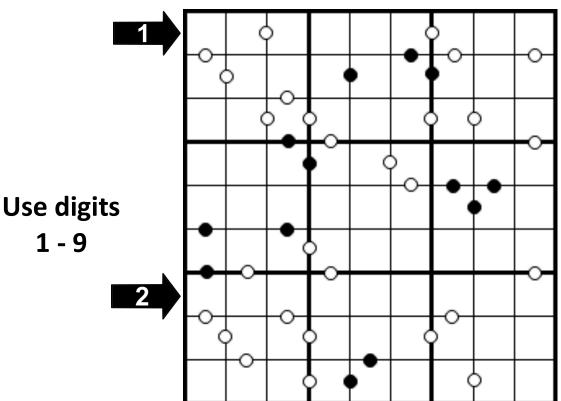


Fill in the whole grid with digits 1-n, so that each digit appears exactly once in each row, each column and each outlined region. All adjacent cells containing consecutive digits are separated by a white dot, and all adjacent cells where one digit is exactly half of the other in value are separated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



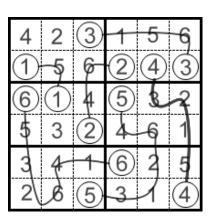


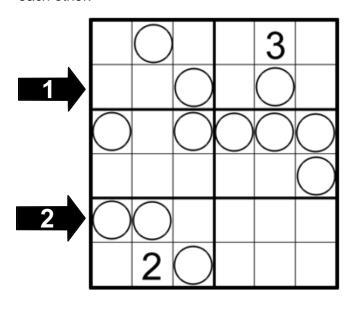
**Use digits** 1 - 6



# Pairs sudoku SMALL 7 BIG 25 BOTH 38

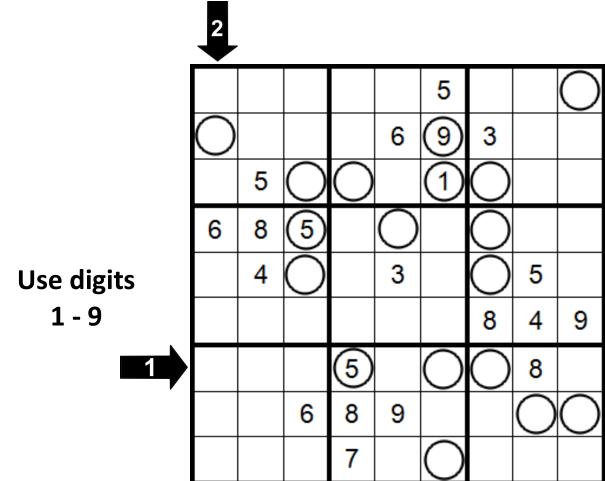
Fill in the whole grid with digits 1-n, so that each digit appears exactly once in each row, each column and each outlined region. The circles in the grid should be filled with two sets of digits 1 to n. Circles with the same digit N should be connected by the line going (only horizontally/vertically)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





8

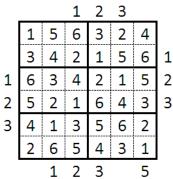
Use digits 1 - 6

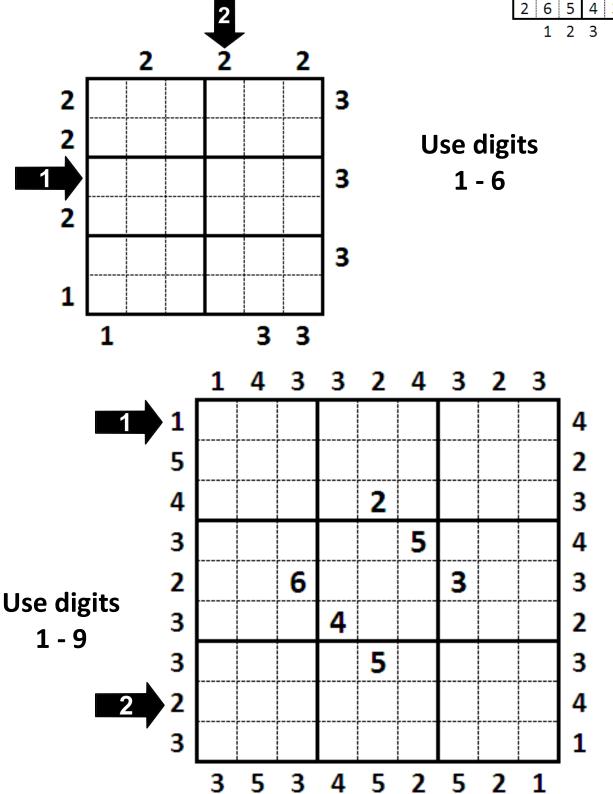


### Skyscrapers sudoku

9

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.



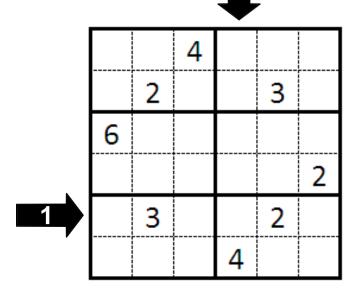


## Tapa sudoku

 $_{\text{SMALL}}4$   $_{\text{BIG}}26$   $_{\text{BOTH}}37$ 

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



**Use digits 1 – 6 Range**Digits **1 2 3 4** 

**Use digits** 1 - 9Range Odd digits