



Explanation Sudokus with four numbers (1,2,3 and 4) and two number at each position.

Solution:

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

At this Sudoku variant only the numbers 1, 2, 3 and 4 are used..

At each position (total $8 * 8 = 64$) two (different) numbers are present.

At each Block of four positions the numbers are present twice,

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

Etcetera.



Sudoku Plaza

At each row four equal numbers are present.

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

At each column four equal numbers are present.

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

Puzzle:

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