

Survo Puzzle

In a Survo puzzle the task is to fill an $m \times n$ table by integers $1, 2, \dots, m \cdot n$ so that each of these numbers appears only once and their row and column sums are equal to integers given on the bottom and the right side of the table. Often some of the integers are given readily in the table in order to guarantee uniqueness of the solution and/or for making the task easier.

Simple example

The table has to be filled by numbers 1-12 so that their row and column sums are equal to numbers on the borders. Each number may appear in the table only once.

	6			30
8				18
		3		30
27	16	10	25	

Solution step by step:

	6			30
8	1			18
	9	3		30
27	16	10	25	

12	6			30
8	1			18
7	9	3		30
27	16	10	25	

12	6			30
8	1			18
7	9	3	11	30
27	16	10	25	

12	6	2	10	30
8	1			18
7	9	3	11	30
27	16	10	25	

12	6	2	10	30
8	1	5	4	18
7	9	3	11	30
27	16	10	25	

Here are some Survo Puzzles for your challenge and delight:

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	A	B	C	D	
1		2	10		23
2	9			11	24
3		12		8	31
	21	15	19	23	

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	A	B	C	D	
1		2	6		33
2	4			1	26
3		5		13	42
4		14	3		35
	38	33	34	31	

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	A	B	C	D	
1					26
2					33
3					19
	31	7	25	15	

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	A	B	C	D	E	F	G	
1								77
2								28
3								126
	36	39	30	33	42	27	24	

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	A	B	C	D	
1					49
2					23
3					34
4					30
	40	52	10	34	

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	A	B	C	D	E	F	G	H	I	J	
1											64
2											146
	10	11	14	17	20	22	23	27	31	35	

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Solutions of these puzzles with comments in www.survo.fi/puzzles/flyer.html
 More information and puzzles from www.survo.fi/puzzles