

Hungarian Tapa by Palmer Mebane

Rules: Shade some empty cells black to create a single connected wall. Cells with numbers cannot be shaded, and the shaded cells cannot form a 2x2 square anywhere in the grid. Each row and column must contain eight shaded cells (four for the example). Place a number from 1 to 8 (1-4 for the example) into each shaded cell so that each number appears once in each row and column.

Numbers in a cell indicate the sums of the numbers of consecutive shaded blocks in the neighboring cells. If there is more than one number in a cell, then there must be at least one white (unshaded) cell between the black cell groups.

Numbers on the shaded cells can repeat in a sum.



Example

				16		
12						
			¹ ₁₁			
						¹ ₃
		4				

Solution

	2	1	3	16	4	
	1		4	3	2	
12	4		1		3	2
4	3	2	¹ ₁₁			1
1		3	2	4		¹ ₃
2		4		1		3
3		4		2	1	4

Example by Serkan Yürekli

{1-4}

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								31						8
						7,9 12								
		5 ³ ₇										5 ³ ₇		
										5				
					8 16									
	11 16										20			
							6,7 13							
6 7			5 15								7 24			17
							7 21							
			2 33										2 5	
										22				
				8 22										
		3 ³ ₇											3 ¹ ₇	
								4 29						
7						4 15								

Four Corners of Four

{1-8}