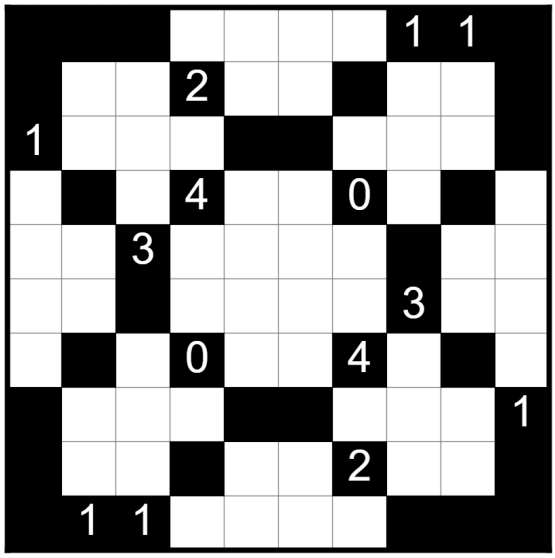
Final week 👋 Puzzles made by our class!

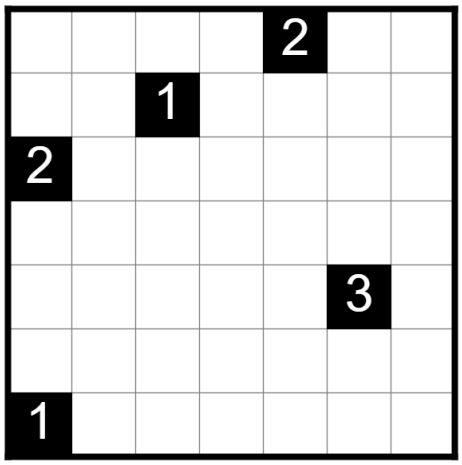
Puzzles are ordered by alphabetical order of genre.

Akari

Puzzle 1 (by Sonya Simkin) 🌶️



Puzzle 2 (by anonymous) 🌶️🌶️



Fivecells

Puzzle 3 (by anonymous) 🌶️🌶️🌶️🌶️🌶️

				3					
3	3		2				3		1
1		3		1	2	3	1	2	3
			2		2	2	2		
2				2	2				1
2			2		3	2			
		0					3		
1	3			2	3	3		3	3
				2					
	3	3				3	3	1	

Puzzle 4 (by Alan Abraham) 🌶️🌶️🌶️

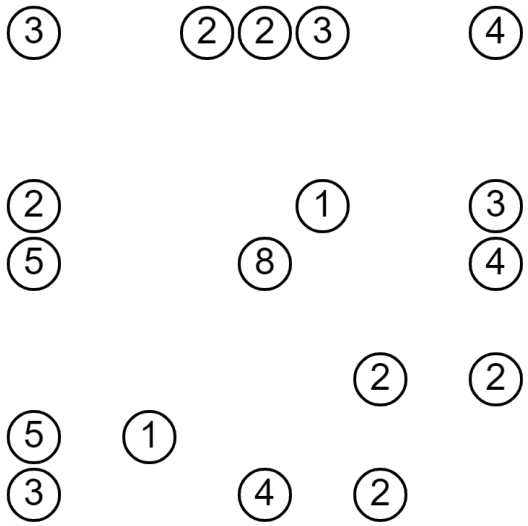
One cell is a liar and should be shaded.

2	2	3	3
2	3	3	1
3	2	1	2
3	1	3	3

Puzzle 5 (by anonymous) 🌶️

Hashiwokakero rules: Draw 0, 1, or 2 bridges between each pair of islands.

- Bridges must be straight horizontal or vertical lines between two islands, and cannot turn. Bridges cannot intersect. All of the bridges form a connected network.
- Numbers indicate the total amount of bridges that are connected to that island.



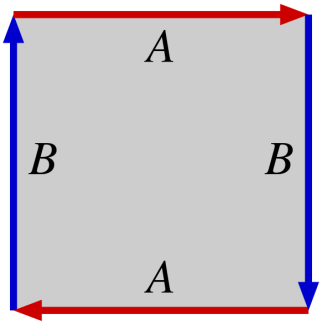
Puzzle 6 (by Xander Brick) 🌶️🌶️🌶️🌶️🌶️

Hidato rules:

- Write a number from 1 to N, where N is the total number of cells in the grid.
- Consecutive numbers must be touching (horizontally, vertically, or diagonally).

Variant rule: This puzzle is on RP2, meaning the edges of the grid are connected, with a twist.

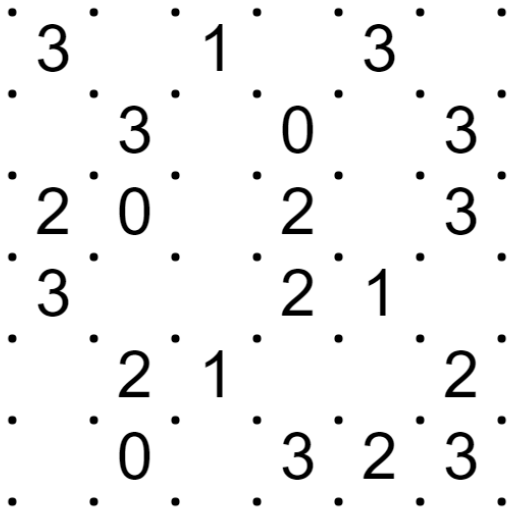
1		41				7	77		73
35								76	92
36	21						15		
			4	64					49
			66					24	
	51	89		12	96	82	25		
48								45	
					31				44
86	9								
72				29	18				100



Puzzle 7 (by Justin Hsieh) 🌶🌶🌶🌶

Litherslink rules:

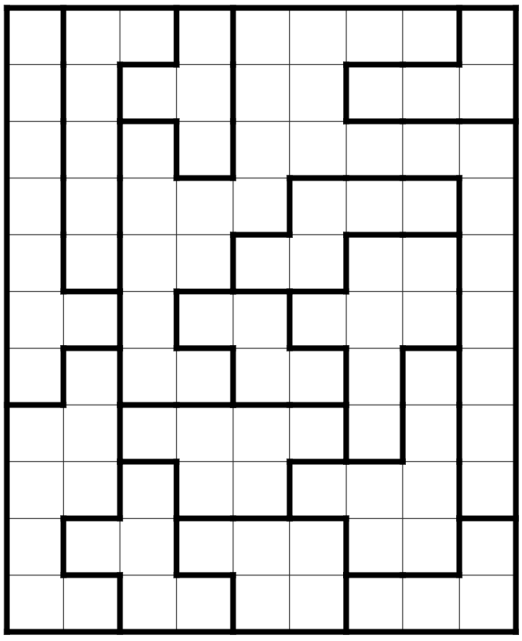
- Draw lines between dots on the grid to form trees.
- A tree must branch or terminate at every grid vertex. In other words, each grid vertex must have 1, 3, or 4 connected edges.
- Trees must not contain loops.
- A number indicates the number of edges of that cell that are included in a tree.

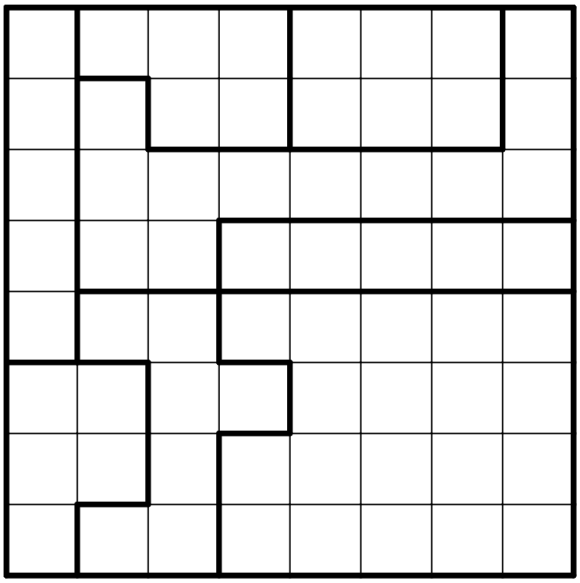


LITS

Puzzle 8 (by Rachel Wilson) 🌶🌶🌶 **Puzzle 9 (by Farid Khuri-Makdisi)** 🌶🌶🌶🌶

Puzzle 9 is also a (1*) star battle. The tetrominoes from LITS may not overlap with stars.





Minesweeper rules:

- Locate the cells containing a mine in the grid.
- Numbers indicate the amount of mines in the (up to 8) surrounding cells.
- A number cannot contain a mine.

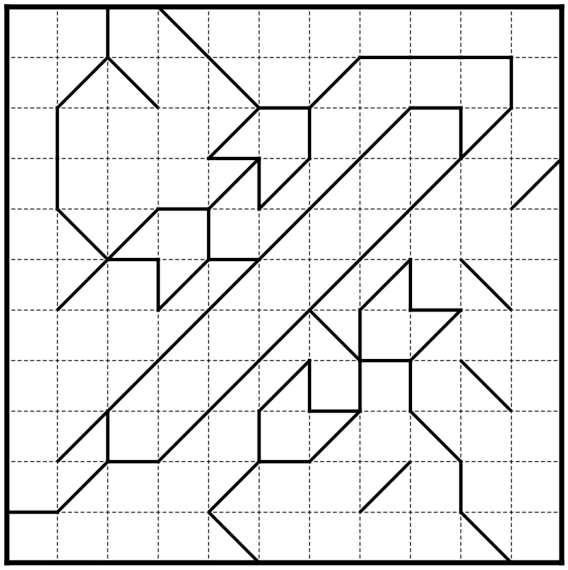
Puzzle 10 (by Justin Rager) 🌶🌶

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

Nanameguri rules:

- Draw a loop (which doesn't ever touch or intersect itself) through some cells.
- Every outlined region must be visited exactly once.
- The loop must visit every cell containing a diagonal line.
- The loop cannot cut through a diagonal line.

Puzzle 11 (by Yoseph Mak) 🌶🌶🌶🌶🌶



Nonogram rules:

- Shade some cells on the board according to the numbers.
- Clues outside the grid represent the lengths of each of the blocks of consecutive shaded cells in the corresponding row or column, in order from left to right or top to bottom.
- Rows or columns without numbers must remain empty.

Puzzle 12 (by anonymous) 🌶🌶🌶

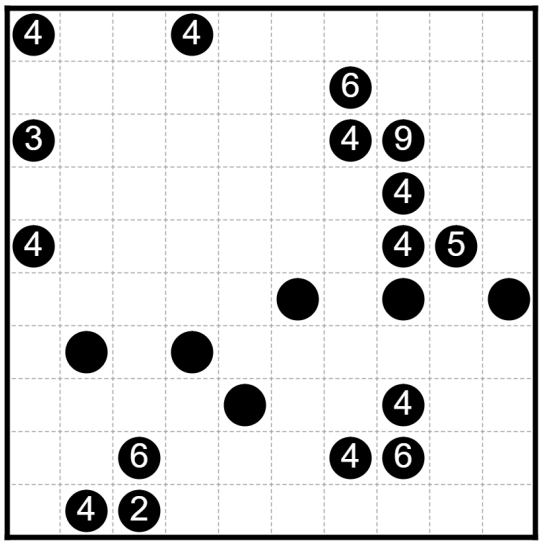
		2 2	1 3	4 1	5	1 4 1	1 4 1	1 4 1	2 6	2 2 1	1 1
2 6											
1 2											
	2										
3 4 1											
	9										
	7										
	5										
1 1											
	7										

Puzzle 13 (by Ryan Judge) 🌶🌶

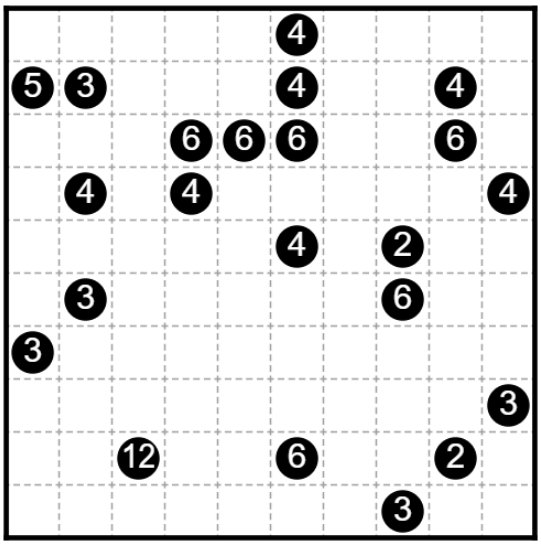
		3 3		3			3 3	1	2 1	1
	1 1									
1 1 1										
1 1 1										
1 1 1										
1 1 1										
1 1 4										

Shikaku

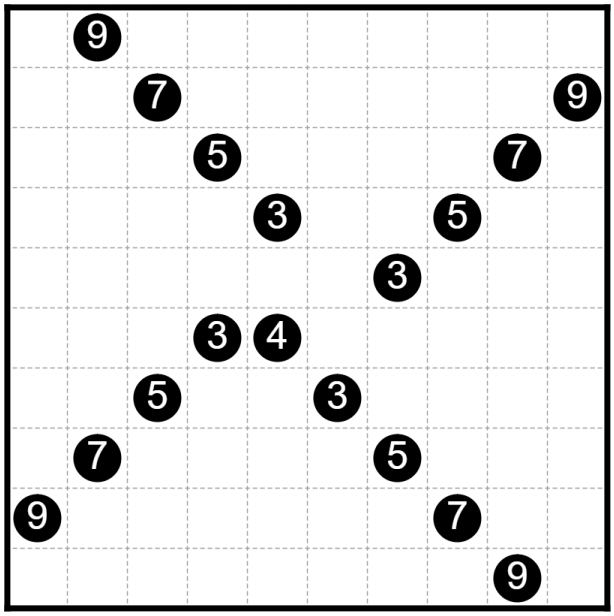
Puzzle 14 (by anon) 🌶🌶



Puzzle 15 (by anon) 🌶🌶🌶

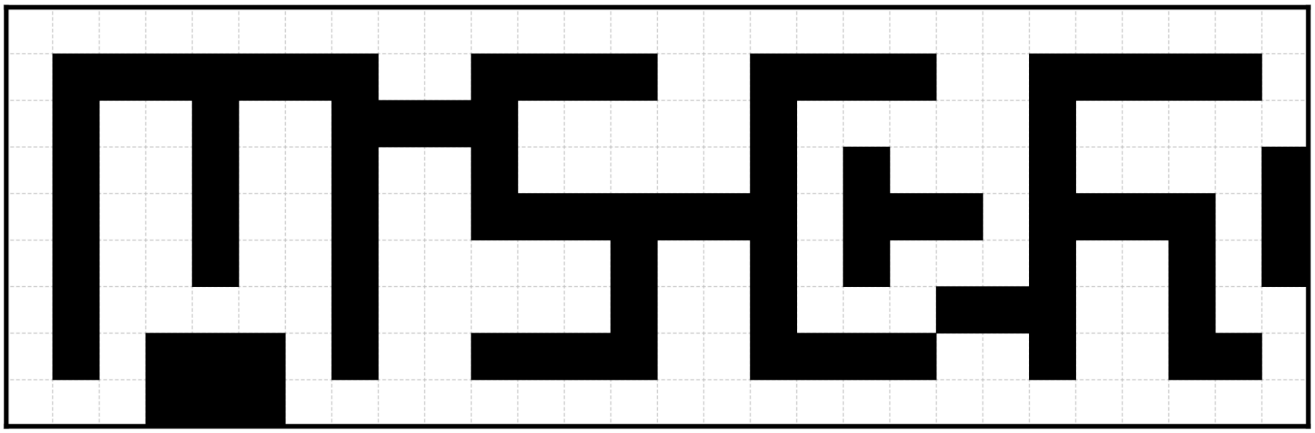


Puzzle 16 (by anon) 🌶️🌶️ This has multiple solutions but is still interesting.



Simple loop

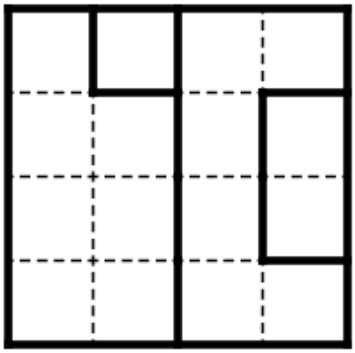
Puzzle 17 (by Sarthak Vishnoi) 🌶️



Star Battle

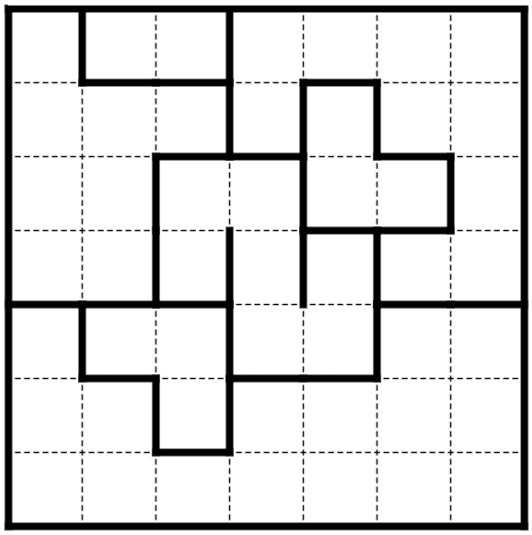
Puzzle 18 (by anonymous) 🌶

1★



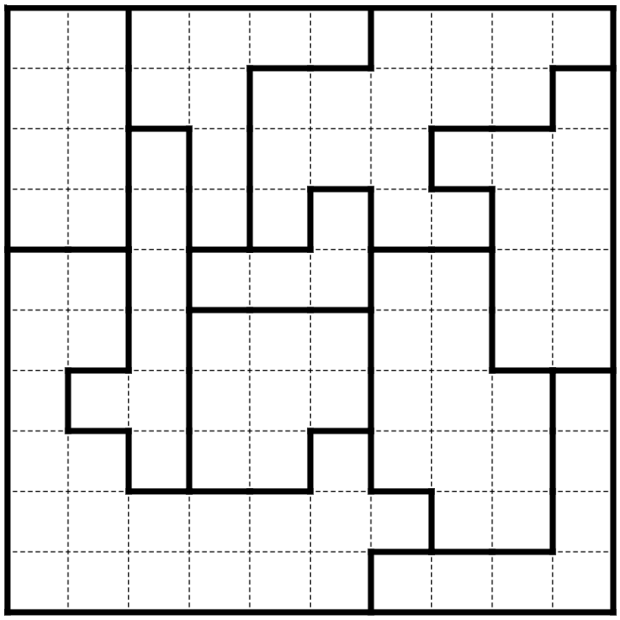
Puzzle 19 (by Zach Battleman) 🌶🌶🌶

1★



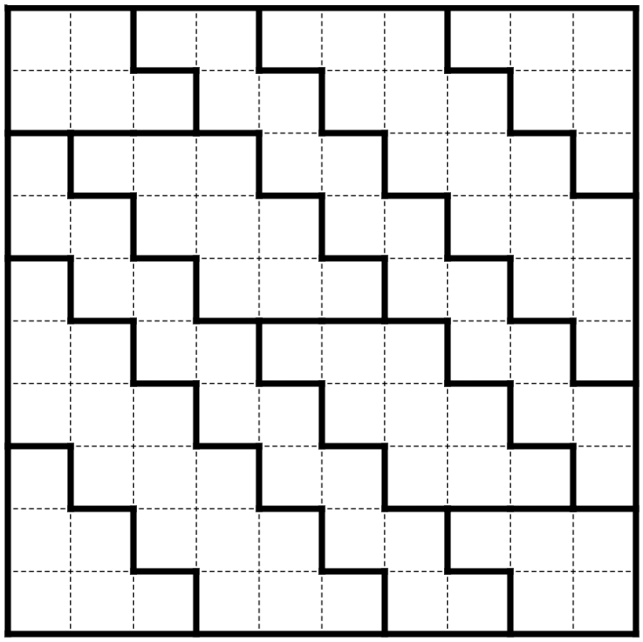
Puzzle 20 (by Evelyn Chung) 🌶🌶🌶🌶🌶

2★



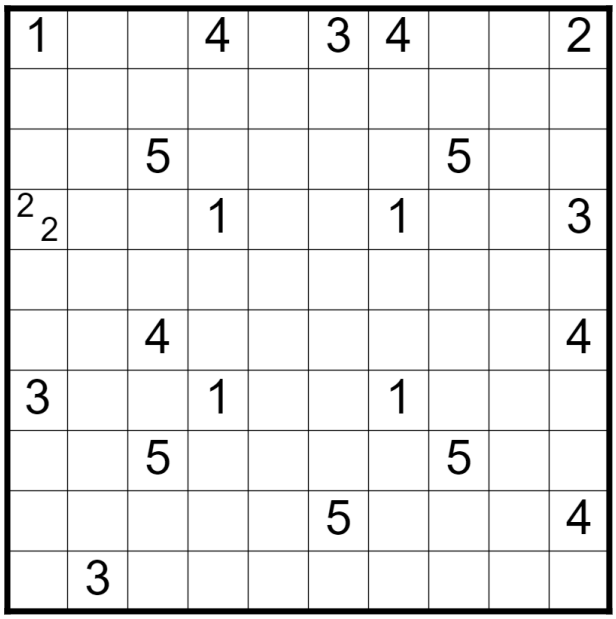
Puzzle 21 (by anonymous) 🌶🌶🌶🌶🌶

2★

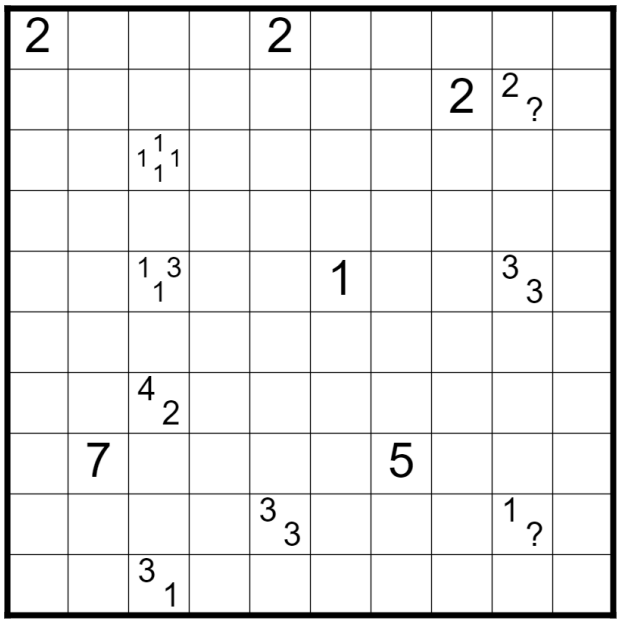


Tapa

Puzzle 22 (by Yoona Choi) 🌶🌶🌶



Puzzle 23 (by Will Ozeas) 🌶🌶🌶



Puzzle 24 (by Connor Gordon) 🌶🌶🌶🌶🌶🌶

This puzzle is on a torus! The left and right sides of the grid are connected, and the top and bottom sides of the grid are connected.