

Advanced Hidoku and Masyu – Division C Round 2 2023

Variants Instruction Booklet and Examples

You will time all of your puzzles separately, like Division D. There will be a selection of standard versions of each type, and one of each of the following variants.

Hidoku

Parquet Hidoku - standard Hidoku rules. Some cells are larger than others.

Knight Hidoku - find a path from 1 to N where N is the grid size. Consecutive numbers must be placed in cells that are a Knight's move apart (as in chess).

Toroidal Hidoku - standard Hidoku rules, however, the top row of the grid is considered adjacent to the bottom row of the grid, and the leftmost column of the grid is considered adjacent to the rightmost column of the grid.

Country Hidoku - standard Hidoku rules. In addition, regions are marked on the grid, and each region can only be entered and exited exactly once. Note that the path does not loop, so 1 and N need not be adjacent. Also, all cells will be visited, so no need to consider the empty cells constraint of Country Road.

Hex Hidoku - standard Hidoku rules. The grid consists of hexagons, so consecutive numbers must be placed in cells sharing an edge.

Binaire Hidoku - standard Hidoku rules. In addition, each row and column must have the same number of even and odd numbers. In any row or column there cannot be three (or more) even numbers in a line nor three (or more) odd numbers in a line. In addition, no two rows have an identical pattern of odd and even numbers and no two columns have an identical pattern of odd and even numbers.

Parquet Hidoku

	3		
	5	7	1
12			
		10	

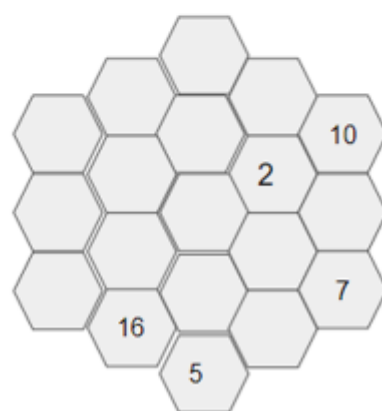
Country Hidoku

		4	

Knight Hidoku

2	11	4	7

Hex Hidoku



Toroidal Hidoku

	9		
15		1	16
	6	7	4
3		11	

Binaire Hidoku

31		3	7		
				5	
29	1	36	22		
	24				17
	26				

Solutions

Parquet Hidoku

4	3	2
5	7	1
12	6	8
11	10	9

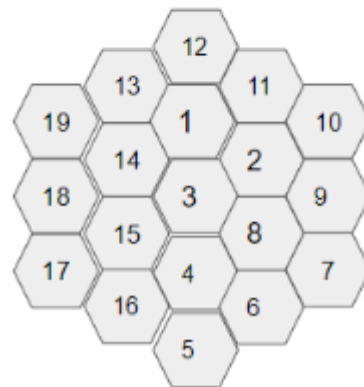
Country Hidoku

11	12	13	14
10	9	15	1
7	8	16	2
6	5	4	3

Knight Hidoku

	3	12	
5	8	1	10
2	11	4	7
	6	9	

Hex Hidoku



Toroidal Hidoku

13	9	10	2
15	14	1	16
5	6	7	4
3	8	11	12

Binaire Hidoku

32	33	8	9	10	11
31	34	3	7	6	12
30	35	2	4	5	13
29	1	36	22	15	14
28	24	23	21	16	17
27	26	25	20	19	18