

8 by 8 More or Less

Place the number 1 to 8 such that each row and column contains the digits 1 to 8. More or less symbols are placed between some of the cells indicating that numbers must be higher or lower than a neighbouring cell.

□	>	□	□	□	>	□	3	□	
				↓				↑	
□	□	□	□	1	<	3	□	□	
				↑		↓			
□	3	□	8	□	□	□	□	□	
				↓	↓	↑	↑		
□	>	5	6	□	>	□	□	<	□
		↑	↓						
□	□	>	□	<	□	4	□	5	□
		↓	↓						↑
3	□	□	>	□	□	8	□	7	□
□	□	2	□	□	□	<	□	>	□
		↑	↓			↑			
6	□	□	□	>	2	<	□	□	1

□	□	□	□	8	□	<	□	□				
				↓		↓		↑				
□	1	□	7	□	□	□	□	□				
↑		↓				↓						
□	6	4	□	□	□	□	5	□				
□	>	2	□	□	<	7	>	□	<	□	>	□
				↓								
1	<	□	□	>	4	□	□	8	□	□	□	□
				↓				↓		↑		
□	□	>	□	□	□	4	<	□	□	□	□	□
		↓	↓									
6	□	1	2	□	<	□	7	□	□	□	□	□
				↑		↓						↓
□	□	□	>	□	□	5	>	□	□	□	□	□

Answers

Place the number 1 to 8 such that each row and column contains the digits 1 to 8. More or less symbols are placed between some of the cells indicating that numbers must be higher or lower than a neighbouring cell.

7	>	4	8	1	6	>	2	3	5	
		∨			∨			∧		
5	2	7	6	1	<	3	4	8		
				∧		∨		∨		
4	3	5	8	7	6	1	2			
				∨	∨	∧	∧			
8	>	5	6	7	>	3	1	2	<	4
		∧	∨							
2	8	>	1	<	3	4	7	5	6	
		∨		∨					∧	
3	1	4	>	2	5	8	6	7		
1	6	2	5	8	4	<	7	>	3	
		∧	∨		∧					
6	7	3	4	>	2	<	5	8	1	

5	7	2	3	8	1	<	4	6				
				∨		∨	∧					
3	1	5	7	4	6	2	8					
∧		∨				∨						
7	6	4	8	3	2	1	5					
∨												
4	>	2	8	5	<	7	>	3	<	6	>	1
				∨								
1	<	5	6	>	4	2	7	8	3			
				∨			∨	∧				
2	8	>	3	1	6	4	<	5	7			
		∨	∨									
6	3	1	2	5	<	8	7	4				
			∧		∨			∨				
8	4	7	>	6	1	5	>	3	2			