

# 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.

□	<	□	□	□	>	7	□	<	□
□	□	□	□	□	□	5	□	□	□
□	6	□	<	□	>	3	<	□	□
□	□	8	2	□	>	□	□	□	□
□	□	□	□	>	□	□	2	8	□
□	□	5	□	□	□	□	□	□	□
4	□	□	□	□	□	□	□	3	□
□	□	□	3	7	<	□	□	□	□

□	□	□	<	2	□	□	□	3	□
□	5	7	□	□	4	□	□	□	□
□	□	□	□	8	□	<	□	□	□
□	□	□	□	□	□	□	□	□	□
□	<	7	5	□	□	□	□	□	□
□	3	□	□	□	8	□	□	□	□
2	□	□	□	□	5	□	□	□	□
□	□	>	□	□	4	2	□	□	□

# 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.

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

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