

# 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.

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

7							
∨			∧				
	∧			∧	5		2
		∧				6	
	6			∧	4		7
					∨		
4					2		
	1		4			∧	
∨				∧			∧
		∧	2	7		3	
	7						∧

# 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	7	8	5	4	3	6	1			
		∨	∧				∧			
7	∧	5	2	8	3	6	1	4		
					∧					
8	∧	4	6	1	∧	2	7	5	3	
		∨					∨			
5	2	4	7	1	8	3	6			
3	∧	8	5	6	∧	7	1	4	∧	2
		∨								
4	1	∧	3	2	6	5	∧	8	7	
6	3	1	4	8	2	7	5			
1	6	∧	7	3	5	∧	4	2	8	

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