

5 by 5 More or Less

Place the number 1 to 5 such that each row and column contains the digits 1 to 5. 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				
				4

		1		
		4		
	1			
			4	

		1		
			2	

		2		
		3		
			3	

Answers

Place the number 1 to 5 such that each row and column contains the digits 1 to 5. More or less symbols are placed between some of the cells indicating that numbers must be higher or lower than a neighbouring cell.

4	5	1	2	3
	∨	∧		
5	3	4	1	∠ 2
	∧			
1	4	2	3	5
		∧		∨
2	1	3	5	4
3	2	5	∠ 4	1

4	5	1	3	∠ 2
1	4	3	2	5
			∨	∨
5	2	4	1	3
3	1	2	5	∠ 4
		∧		
2	3	5	4	1

5	∠ 4	1	3	2
		∧	∧	
3	1	2	4	5
∨				
1	5	3	2	4
			∧	
2	3	∠ 4	∠ 5	1
	∨		∨	
4	2	∠ 5	1	3

3	5	2	4	1
		∧		
1	∠ 2	∠ 3	5	4
	∨	∧		
4	1	∠ 5	2	3
		∨		∧
2	3	4	∠ 1	5
∧		∨		
5	4	1	∠ 3	2