

7 by 7 More or Less

Place the number 1 to 7 such that each row and column contains the digits 1 to 7. More or less symbols are placed between some of the cells indicating that numbers must be higher or lower than a neighbouring cell.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | > | > | 2 | < | | |
| ^ | v | | ^ | | | v | |
| | | 6 | > | | | < | |
| v | | | | | v | v | |
| | < | > | | | | | |
| ^ | | | | | | | |
| | 6 | | | 4 | | > | |
| | v | | ^ | v | | | |
| | > | | 3 | | | | |
| | | | | | | | |
| | 4 | | | 7 | | | |
| | | | | | | | |
| 5 | | | | | | | 6 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|--|
| | | < | 7 | | > | | | | |
| ^ | | v | | | | | | | |
| | | | | | 1 | | | | |
| | | v | ^ | | | | | | |
| | < | > | | 5 | | | | | |
| | v | | ^ | | | | | | |
| 2 | | | | | 6 | | | | |
| | v | | | | | | | | |
| | | | | 2 | | | | | |
| | v | | v | ^ | | | | | |
| | 2 | | | | | | 6 | | |
| | | | | | | | | | |
| | < | | 2 | | > | > | 4 | > | |

Answers

Place the number 1 to 7 such that each row and column contains the digits 1 to 7. More or less symbols are placed between some of the cells indicating that numbers must be higher or lower than a neighbouring cell.

| | | | | | | |
|-----|-----|-----|---|-----|-----|---|
| 1 | 5 > | 4 > | 2 | 3 < | 6 | 7 |
| ^ | ∨ | | ^ | | | ∨ |
| 7 | 1 | 6 > | 3 | 5 | 2 < | 4 |
| ∨ | | | | | ∨ | ∨ |
| 2 < | 7 > | 5 | 4 | 6 | 1 | 3 |
| ^ | | | | | | |
| 3 | 6 ∨ | 7 | 1 | 4 ∨ | 5 > | 2 |
| | | | ^ | | | |
| 4 > | 2 | 3 | 6 | 1 | 7 | 5 |
| | | | | | | |
| 6 | 4 | 2 | 5 | 7 | 3 | 1 |
| | | | | | | |
| 5 | 3 | 1 | 7 | 2 | 4 | 6 |

| | | | | | | |
|-----|-----|---|-----|-----|-----|---|
| 3 | 1 < | 7 | 6 | 4 > | 2 | 5 |
| ^ | | ∨ | | | | |
| 6 | 7 | 5 | 2 | 3 | 1 | 4 |
| | | ∨ | ^ | | | |
| 4 < | 6 > | 1 | 3 | 5 | 7 | 2 |
| | ∨ | | ^ | | | |
| 2 | 4 ∨ | 3 | 5 | 1 | 6 | 7 |
| | | | | | | |
| 7 | 3 ∨ | 6 | 4 ∨ | 2 | 5 | 1 |
| | | | ∨ | ^ | | |
| 5 | 2 | 4 | 1 | 7 | 3 | 6 |
| | | | | | | |
| 1 < | 5 | 2 | 7 > | 6 > | 4 > | 3 |