

# 不等式 Futoshiki

## 題目

1)

	A	B	C	D	E
I				< 5	
II	5		> 1	4	> 2
III			>		<
IV		1		3	<
V		>	<	1	4

2)

	A	B	C	D	E
I				2	
II			>	>	4
III			>	1	
IV		<	2		>
V		1	5	3	2

Additional symbols in the grid:

- Below I-D:  $\vee$
- Below II-A:  $\vee$
- Below II-C:  $\vee$
- Below III-A:  $\vee$
- Below IV-A:  $\wedge$
- Below IV-C:  $\vee$
- Below IV-D:  $\wedge$
- Below IV-E:  $\vee$

3)

	A	B	C	D	E		
I			>		3		
II		>		>		<	5
III	5		>		<	4	
IV							
V		3		>		<	

4)

	A	B	C	D	E
I			< 4 >	2	< 5
II		3			2
III					
IV			< >		
V		5		< >	3

5)

	A	B	C	D	E	F
I	6					>
	∨			∧		
II		6		<		>
	∨					
III	1	<		<	5	>
		∨			∨	
IV		1		2		
					∨	
V		>	3	<		>
	∨					
VI		<		3		>

6)

	A	B	C	D	E	F
I		1		<		>
II		$\hat{\quad}$	4			
III		$\checkmark$	<	>		1
IV	5		2	<	<	>
V	2	6		>		
VI		>	6			

7)

	A	B	C	D	E	F
I			>	<		<
II		>		>	3	6
III	3	<		1		6 >
IV	6			>		>
V					5 >	
VI		>	4	<		<

8)

	A	B	C	D	E	F
I		5	$\hat{\phantom{0}}$	< 2		
II		<				1
III		4	3			
IV			$\checkmark$	3		$\hat{\phantom{0}}$
V		>	< 6 >	>	2 <	4
VI	$\hat{\phantom{0}}$			6 >		



# 不等式 Futoshiki

## 答案

1)

	A	B	C	D	E
I	2	4	3	< 5	1
II	5	3	> 1	4	> 2
III	1	5	> 4	2	< 3
IV	4	1	2	3	< 5
V	3	> 2	< 5	1	4

2)

	A	B	C	D	E
I	5	4	3	2	1
II	3	5	2	1	4
III	2	3	1	4	5
IV	1	2	4	5	3
V	4	1	5	3	2

Diagram illustrating a 5x5 grid of numbers. The columns are labeled A, B, C, D, E and the rows are labeled I, II, III, IV, V. The numbers in the grid are:

- Row I: 5, 4, 3, 2, 1
- Row II: 3, 5, 2, 1, 4
- Row III: 2, 3, 1, 4, 5
- Row IV: 1, 2, 4, 5, 3
- Row V: 4, 1, 5, 3, 2

Relationships between numbers in adjacent cells are indicated by symbols:

- Row I: A > B > C > D > E
- Row II: A > B > C > D > E
- Row III: A > B > C > D > E
- Row IV: A < B < C < D < E
- Row V: A < B < C < D < E

Vertical relationships are indicated by symbols below the cells:

- Row I: A > B, B > C, C > D, D > E
- Row II: A > B, B > C, C > D, D > E
- Row III: A > B, B > C, C > D, D > E
- Row IV: A > B, B > C, C > D, D > E
- Row V: A > B, B > C, C > D, D > E

3)

	A	B	C	D	E
I	1	5 >	4 ∨	3	2
II	4 >	1	3 > ∨	2 <	5 ∨
III	5	2 >	1 <	4	3
IV	3	4	2	5	1
V	2	3	5 >	1 <	4

4)

	A	B	C	D	E
I	3	1	< 4 >	2	< 5
II	4	3	1	5	2
III	2	4	5	3	1
IV	5	2	< 3 >	1	4
V	1	5	2	< 4	3

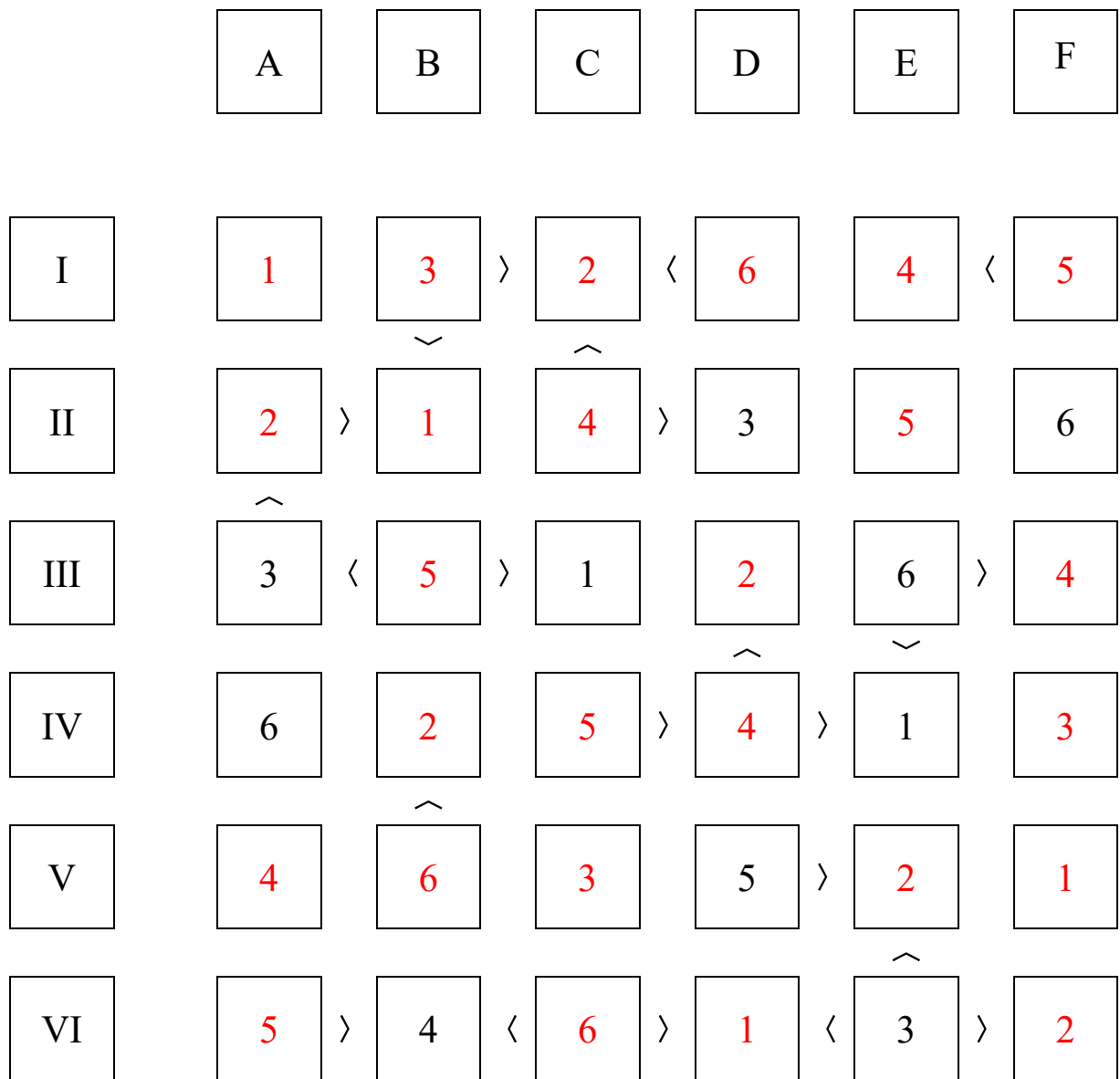
5)

	A	B	C	D	E	F
I	6	4	2	1	5	3
	∨			∧		
II	2	6	1	5	3	4
	∨		∧			
III	1	2	5	3	4	6
		∨		∨		
IV	3	1	4	2	6	5
					∨	
V	5	3	6	4	2	1
	∨					
VI	4	5	3	6	1	2

6)

	A	B	C	D	E	F
I	4	1	3	< 6	5 >	2
II	1	5	4	3	2	6
III	6	4	< 5 >	2	1	3
IV	5	3	2	< 4	< 6 >	1
V	2	6	1	5	3	4
VI	3 >	2	6	1	4	5

7)



8)

	A	B	C	D	E	F				
I	4	5	1	< 2	3	6				
II	2	< 3	5	4	6	1				
III	6	4	3	1	5	2				
IV	1	6	2	3	4	5				
V	3	>	1	< 6	>	5	>	2	<	4
VI	5	2	4	6	>	1	3			