



Inequality — Free Sample

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INEQUALITY

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SOLUTIONS

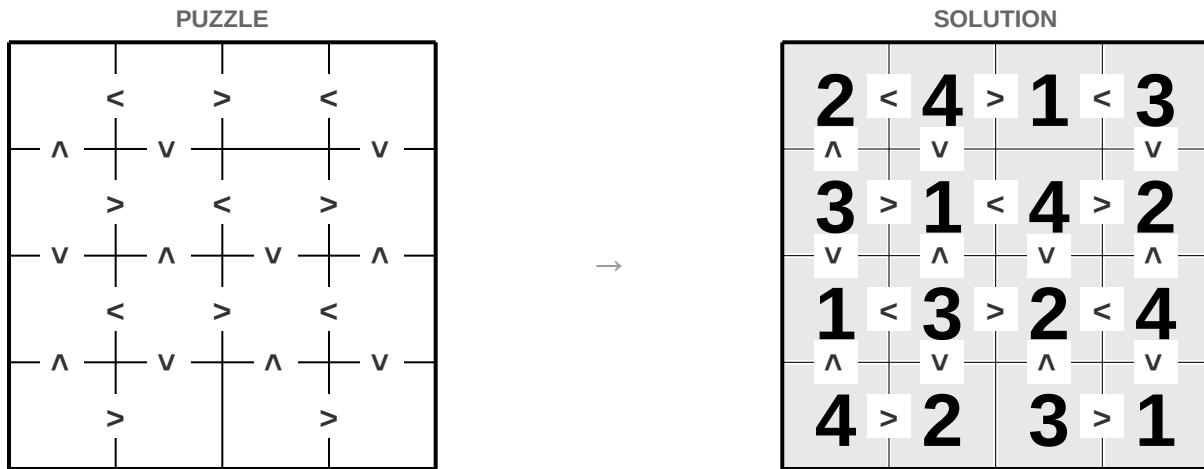
Solutions — 4 answers	7
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HOW TO PLAY: INEQUALITY

Fill the grid respecting the greater-than/less-than signs.

RULES

1. Fill each row and column with digits 1 through N exactly once.
2. Inequality signs (< and >) between cells must be satisfied.
3. The pointed end of < or > always faces the smaller number.
4. Not all cell pairs have a sign — those are unconstrained.



PRO TIP

Cells involved in chains of inequalities (e.g., $A < B < C < D$) tell you the exact order. In a 4x4 grid, $A < B < C < D$ means $A=1$, $B=2$, $C=3$, $D=4$.

COMMON MISTAKES

- Placing a digit that satisfies row/column but violates an adjacent inequality sign.
- Ignoring transitive chains — if $A < B$ and $B < C$, then A must be less than C .

PUZZLE #1

Easy

	>	<	<	4
^		^	v	v
4	>	2	>	<
v		^	^	v
	<		>	2
v		v	^	^
	<	<	4	>
				2

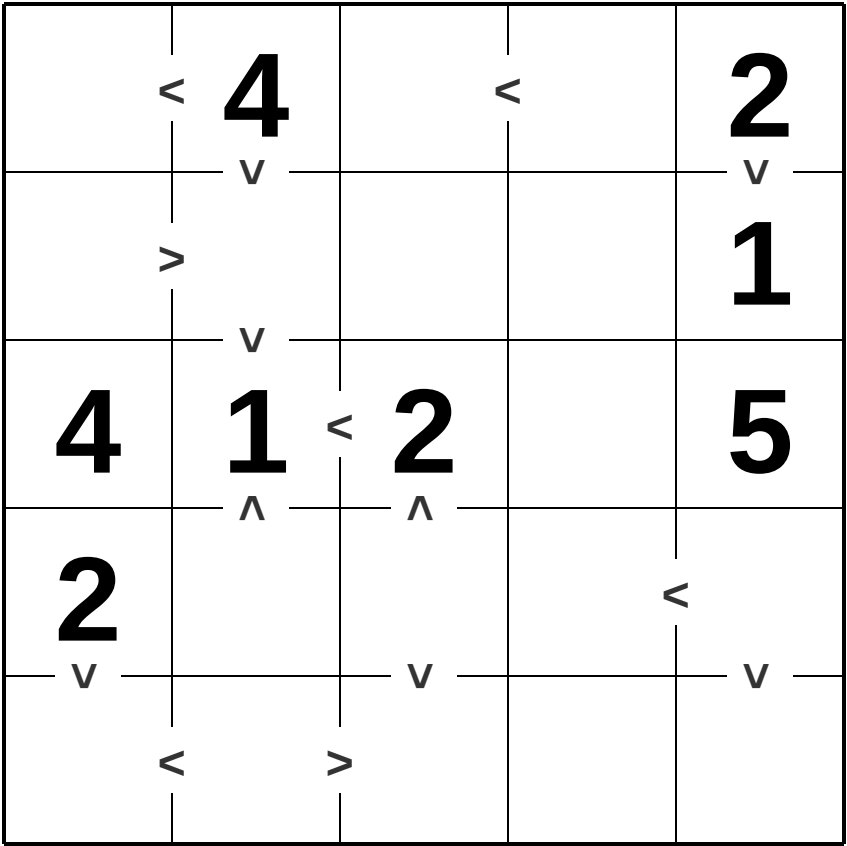
PUZZLE #2

Easy

		2		>	1
v		^			^
	<			1	<
^					
3	>		<	<	4
		^			
		3		4	>

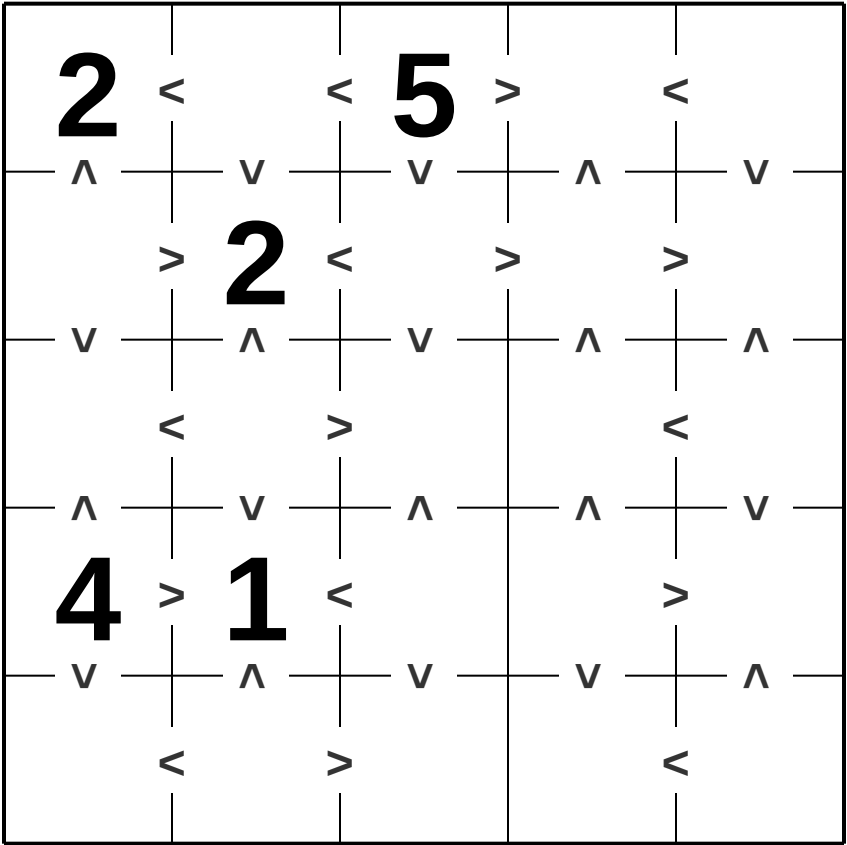
PUZZLE #3

Medium



PUZZLE #4

Hard





ANSWERS

Check Your Mastery!

#1

2	1	3	4
4	2	1	3
3	4	2	1
1	3	4	2

#2

4	2	3	1
2	4	1	3
3	1	2	4
1	3	4	2

#3

3	4	1	5	2
5	2	3	4	1
4	1	2	3	5
2	3	5	1	4
1	5	4	2	3

#4

2	4	5	1	3
5	2	4	3	1
1	3	2	4	5
4	1	3	5	2
3	5	1	2	4



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