



Learn a new puzzle

Greater-Than Grid

Use 1 to 4 once in each row and column. The sign points to the smaller number.

Trick: Follow the arrows

1				2				3			
	①	^	2		1	^	2		1	^	2
∇		3		∇		3	①	∇	④	3	1
∇				∇				∇			

The sign opens toward row 2, column 3, so it is bigger. Now row 2 has one place for the 1.

Look at row 3. Only one square can hold the 1.

Look at row 3. Only one square can hold the 4.

Try it

		3	
^			^
		>	∇
2	<		

The answer is with the other answers.

Talk about it: Ask: Which square is bigger, and how do you know?



1

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		4	
∨			
	∧		
3			
		∧	
			<

2

Greater-Than Grid

Use 1 to 4 once in each row and column. The sign points to the smaller number.



	2	>	
	<		
∨		∨	
	3		



3

Greater-Than Grid

Use 1 to 4 once in each row and column. The sign points to the smaller number.



	<	2	
✓			
2		>	

4

Greater-Than Grid

Use 1 to 4 once in each row and column. The sign points to the smaller number.



1			
		^	
3		<	<



5

Greater-Than Grid

Use 1 to 4 once in each row and column. The sign points to the smaller number.



	3	>		
	4			
				↓
		↑		↑

6

Greater-Than Grid

Use 1 to 4 once in each row and column. The sign points to the smaller number.



	>			
		↓		
				<
	↑			
			1	
			>	



7

Greater-Than Grid

Use 1 to 4 once in each row and column. The sign points to the smaller number.



	>		>	
			<	
		<		
	3			

8

Greater-Than Grid

Use 1 to 4 once in each row and column. The sign points to the smaller number.



	4		<	
2				



9

Greater-Than Grid

Use 1 to 4 once in each row and column. The sign points to the smaller number.



	>		
	2		
			↓
			↓
			<

10

Greater-Than Grid

Use 1 to 4 once in each row and column. The sign points to the smaller number.



			2
^			
^	^		<
		<	



Answers

For grown-ups. Cut off or keep this page aside until the puzzles are done.

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1	4	3	2
3	1	2	4
4	2	> 1	3
2	< 3	4	1

#1

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

The sign opens toward row 4, column 4, so it is bigger. A bigger number can't be 1.

#2

3	1	4	2
4	2	> 1	3
2	< 4	3	1
1	3	2	4

The sign points to row 4, column 1, so it is smaller. A smaller number can't be 4.

#3

4	1	3	2
3	< 4	2	1
1	2	4	3
2	3	> 1	4

The sign points to row 3, column 1, so it is smaller. A smaller number can't be 4.

#4

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

The sign points to row 4, column 3, so it is smaller. A smaller number can't be 4.

#5

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

Row 3, column 4 is smaller than row 2, column 4, which is 3 at most. So it can't be 3.

#6

3	> 2	4	1
2	1	3	< 4
4	3	1	2
1	4	> 2	3

Row 1, column 1 is bigger than a chain of 2 squares. So it must be 3 or more.

#7

2	> 1	4	> 3
3	4	1	< 2
1	2	< 3	4
4	3	2	1

Row 2, column 1 is bigger than a chain of 2 squares. So it must be 3 or more.

#8

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

Row 3, column 2 can only be 3. Every other number is ruled out.



Answers

For grown-ups. Cut off or keep this page aside until the puzzles are done.

#9

4	>	3	2	1
1		2	3	4
2	1	4		3
3	4	1	<	2

Row 1, column 2 can only be 3. Every other number is ruled out.

#10

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

Row 1, column 1 is smaller than a chain of 2 squares. So it can be 2 at most.