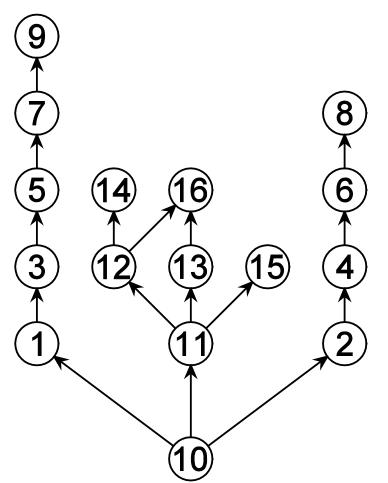
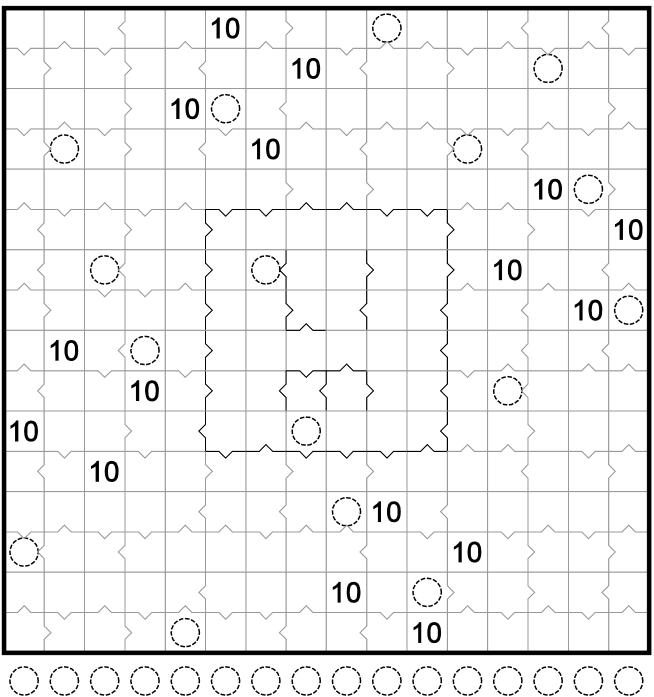
## **NEW, HUGE, AND CHALLENGING!**

A One-Puzzle LMI Fun Contest By Ivan Koswara

**Poset Futoshiki** Put an integer between 1-16 into each cell such that every number appears exactly once in each row/column. Additionally, if x < y in the grid, then there is a path from x to y following the arrows (including the directions) in the diagram.

**Answer key** Enter the contents of the marked cells from left to right. For two-digit numbers, enter only the last digit.



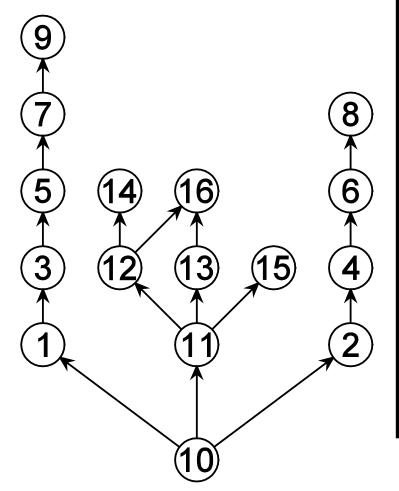


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8	2	7	9	3	10	5	1	15	13	6	4	11	14	12	16
6	4	3	1	5 <	9	7	10	11	16	8	2	15	12	14	13
9	1	8	2	10	<b>(7)</b>	3<	5	4	6	12	15	14	13	16	11
7	(3)	6	4	1 <	5	10	9	2	8	14	1)	12	16	13	15
2	8	13	14	12	15	16	11	6	4	9	3	1	10	(7)	5
4	6	16	12	14	11	13	15	8	Ž	7	5	9	3	1	10
11	15	<b>(4)</b> X	8	6	2	12	14	9	1	16	13	10	5	3 <	7
15	11	2	6	8	4	14	12	1<	3	13	16	5<	7	10	(9)
3	10	5 <	(7)	9	1	15	16	13	14	4<	8	2<	6	11	12
5	9	1	10	7	3	11	13	16	12	2<	6	<b>(4)</b>	8	15	14
10	7	9	5	13	16	6	<b>(4</b> )	14	15	11	12	3	1	8	2
1 <	5	10	3	16	13	8	<b>Ž</b>	12	11	15	14	7	9	6	4
14	13	15	16	11	12	4<	6	<b>(5)</b>	10	3 <	7	8	2	9	1
12	16	11	13	15	14	2	8	7	9	1	10	6	4	5	3
13	14	12	15	2<	8	9	3	10	7	<b>(5)</b>	1	16	11	4<	6
16	12	14	11	<b>(4)</b>	6	1	7	3<	5			13	15	2	8
$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$