

BEST OF 2021

NUMBER PLACEMENT

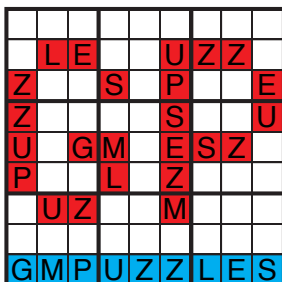


Prasanna Seshadri
JinHoo Ahn
JinHoo Ahn
Thomas Snyder
Grant Fikes

Japanese Sums*
Skyscrapers (Cipher)*
Skyscrapers
Skyscrapers
TomTom (Twins)

*(Tie) Best Number Placement puzzle

GRANDMASTER PUZZLES



www.gmpuzzles.com



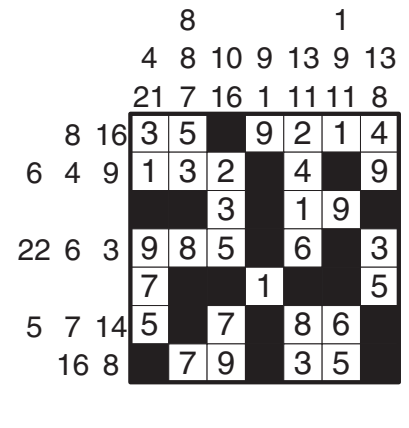
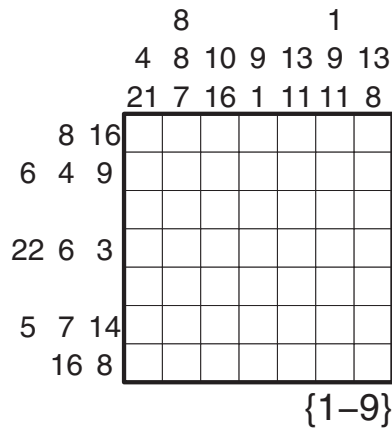
<https://www.gmpuzzles.com/blog/category/numberplacement/>



<https://www.gmpuzzles.com/blog/category/other-posts/bestof/>

Japanese Sums by Prasanna Seshadri

Rules: Place the digits in the indicated range in some of the cells, so that no digit is repeated in any row or column. Numbers on the outside of the grid indicate the sums of adjacent digit groups in that row or column, in order. Each sum is separated by at least one unused cell. A ? can represent any sum of 1 or larger.



	1	2	3	4	5	6	7	8	9	10	11
	22	21	20	19	18	17	16	15	14	13	12
	22	21	20	19	18	17	16	15	14	?	?
15 15 15											
5 10											
15 5 16 2											
35 5											
16 14 15											
22 10 7											
8 15 15 5											
7 8 15 5											

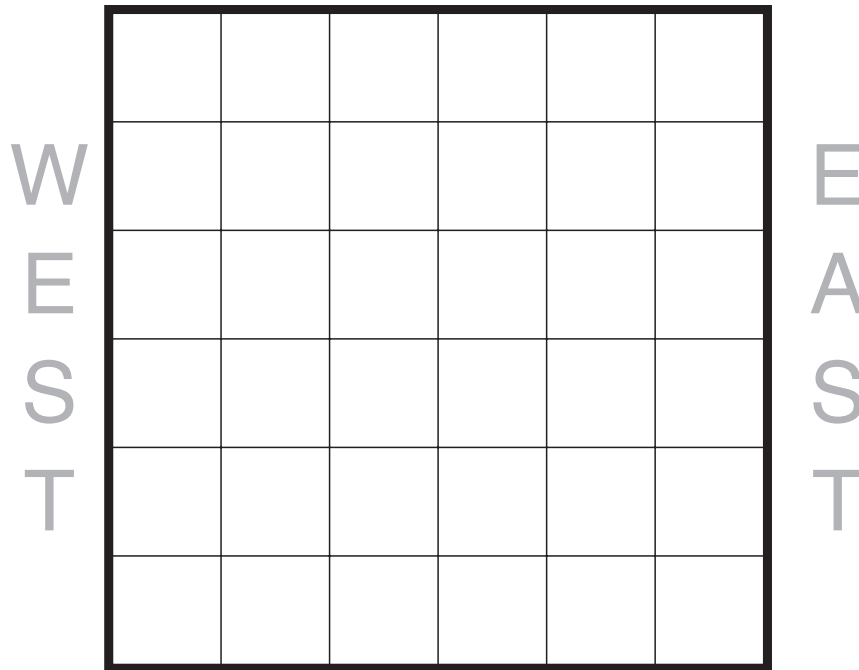
Stopped on the Way Back {1-9}

Skyscrapers (Cipher) by JinHoo Ahn

Rules: Standard Skyscrapers rules, using the integers 1-6. Also, each letter represents a different positive integer, for the solver to determine.



N N



S S

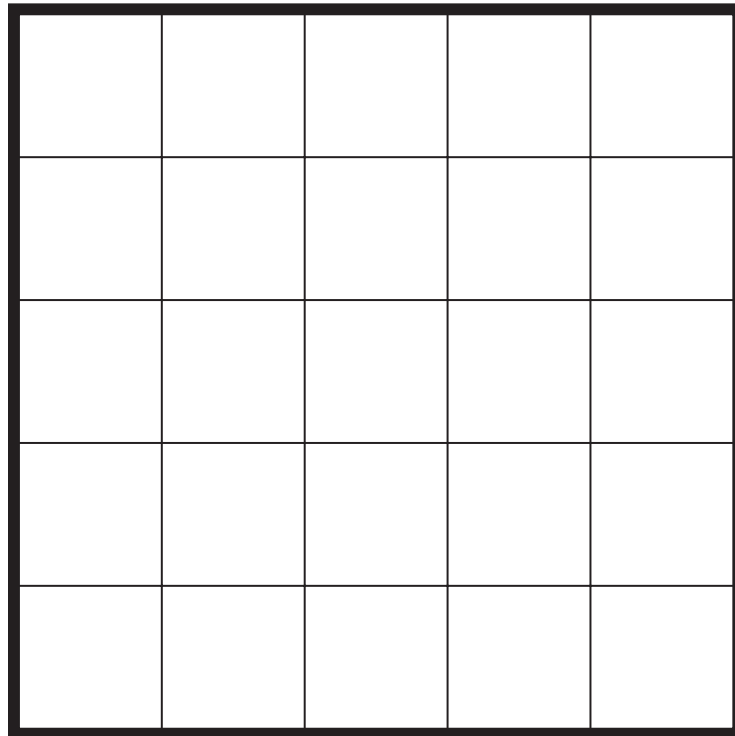
NEWS

Skyscrapers by JinHoo Ahn



2 2 2

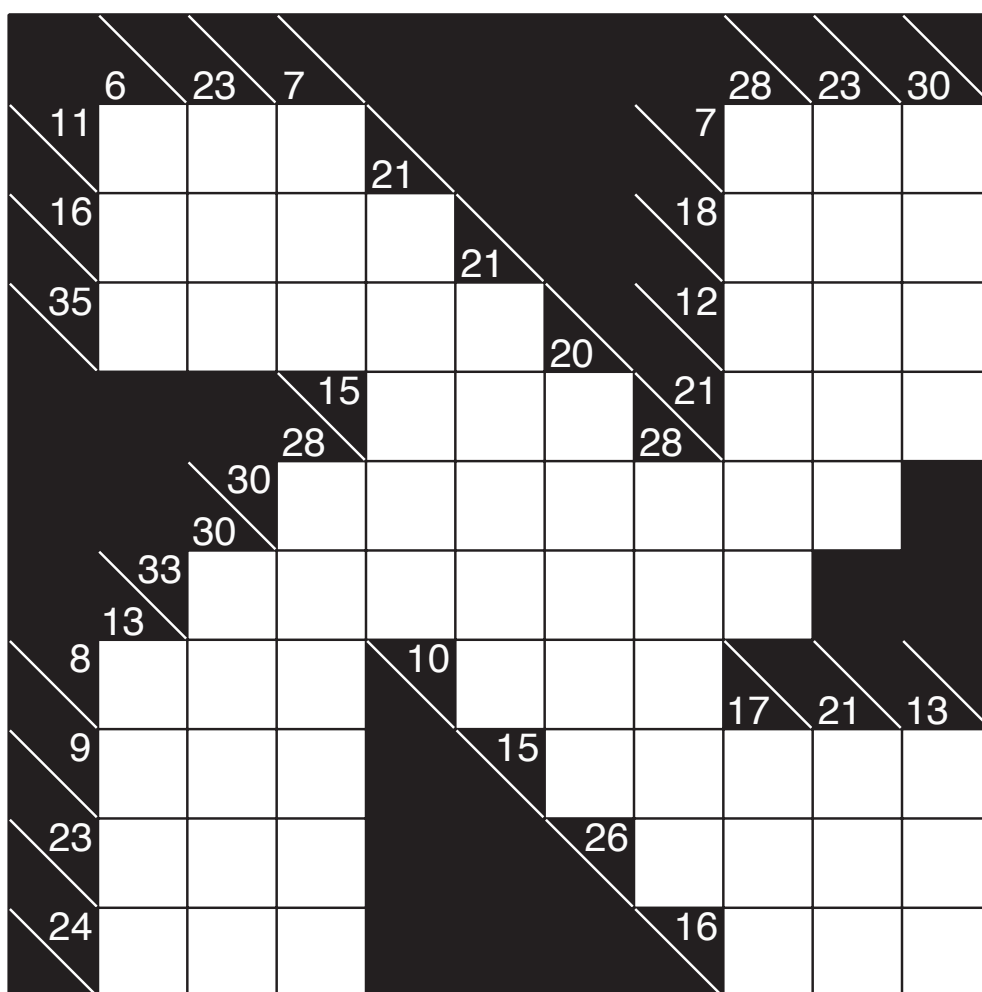
3
3
3



Triplets

Kakuro (Duplicate) by Thomas Snyder

Rules: Variation of Kakuro. Exactly one digit must appear twice in each entry (i.e., group of cells connected horizontally or vertically without any black cells between). All other digits must not repeat within an entry.



Nothing Unusual to See Here

TomTom (Twins) by Grant Fikes

Standard TomTom rules, using the integers 1-5. The two grids have the same numerical clues in the cages with the given operations (e.g. the sum of the upper-left cage in the top grid equals the product of the upper-left cage in the bottom grid). The value of all mathematical operations must be nonnegative integers.



{1-5}

+	+		+	
	×			-
-				

{1-5}

×	-		×	
	+			-
-				

Signed by the Author