## WEEK 36

# LAST DAYS OF SUM-MER 

Palmer Mebane Kakuro

Ashish Kumar Skyscrapers (Sum)
Murat Can Tonta Smashed Sums
Grant Fikes TomTom (Twins) JinHoo Ahn Japanese Sums Prasanna Seshadri Killer Sudoku

GRANDMASTER PUZZLES

|  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | E |  |  |  |  | Z | Z |  |
|  | Z |  | S |  |  | P |  |  | - |
|  | Z |  |  |  |  | S |  |  |  |
|  | U | G | , | 1 |  | E | 5 | Z |  |
|  | P |  |  |  |  | Z |  |  |  |
|  |  | z |  |  |  | V |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| www. | G ${ }^{1}$ | M P | U | J | Z | Z | L | E | S |

## Kakuro by Palmer Mebane



Crossing the River

## Skyscrapers (Sum) by Ashish Kumar

Rules: Variation of Skyscrapers; each clue represents the sum of the heights of the visible buildings in that direction.


Sequence

## Smashed Sums by Murat Can Tonta

Rules: Fill each row and column of the grid with the digits in the indicated range and two blackened cells. Numbers outside the grid indicate the sum of the digits between the two blackened cells in that row or column. Blackened cells are allowed to touch.


## 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.


Signed by the Author

## Japanese Sums by JinHoo Ahn

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.


|  |  | 12 |  | 2 | 9 | 4 |  |  | 14 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 7 | 25 |  | 7 | 5 | 3 |  | 20 | 13 |
|  | 20 | 16 |  | 6 | 1 | 8 |  | 17 | 9 |
| 1033 |  |  |  |  |  |  |  |  |  |
| 25 | 17 |  |  |  |  |  |  |  |  |
| 16 | 10 |  |  |  |  |  |  |  |  |
| 2 | 9 | 4 |  |  |  |  |  |  |  |

## Killer Sudoku by Prasanna Seshadri

Rules: Classic Sudoku Rules. Also, the sum of the digits in each cage must equal the value given in the upper-left corner of that cage.

Digits cannot repeat inside a cage.


