## 2021/12/13-18

## WEEK 49

## PENTOMINO

Murat Can Tonta Minesweeper (Pentomino)
Elyot Grant Pentominonogram Serkan Yürekli Pentominous (Borders) Takeya Saikachi Pentominous (Cipher) Grant Fikes Pentominous (Star Battle) Palmer Mebane Statue Park

GRANDMASTER PUZZLES

|  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | L | E |  |  |  | Z | Z 2 | Z |  |
|  | Z |  | S |  | P |  |  | E |  |
|  | Z |  |  |  | S | S |  | U | ) |
|  | U | G | N |  | E |  |  | Z |  |
|  | P |  | L |  | Z | 2 |  |  |  |
|  |  | J |  |  | N | V |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| www. | GM | 1 P | U | Z | ZZ | Z | LE | ES |  |

## Minesweeper (Pentomino) by Murat Can Tonta

Rules: Place some of the given pentominoes into the grid, rotations and reflections allowed. Pentominoes cannot cover the numbered cells, and different pentomino shapes cannot be placed in adjacent cells that share an edge or corner. Numbered cells indicate how many of the surrounding cells (including diagonally adjacent cells) contain parts of the pentominoes.


| 1 |  |  | 4 |  | 2 |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| 2 |  | 0 |  | 3 |  |  | 3 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| 5 |  | 4 |  | 5 |  |  | 1 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| 0 |  | 3 |  | 2 |  | 0 |  |

$4 \times 4 \times 4$


## Pentominonogram by Elyot Grant

Rules: Shade some cells so that the numbers outside the grid indicate the groups of consecutive black cells which are in that row/column in order, either from left to right or from top to bottom. There must be at least one white cell between any consecutive shaded groups. Rows and columns without outside clues can have any pattern of shaded and unshaded cells. Also, all the shaded cells must be able to be split into the seven given pentomino shapes. Pentominoes may be flipped and/or rotated.


## Pentominous (Borders) by Serkan Yürekli



## Pentominous (Cipher) by Takeya Saikachi

Rules: Divide the grid into 20 pentominoes so that no two pentominoes of the same shape (including rotations/reflections) share an edge. Each number in this grid represents a clue for a different letter/pentomino as in a regular
Pentominous puzzle; all instances of a number must represent the same letter. An inventory of possible pentominoes is given below the puzzle.


Triplets


## Pentominous (Star Battle) by Grant Fikes

Rules: Combination of Pentominous and Star Battle. Place stars into some cells so that there are two stars in each row and column; no two stars can touch, even diagonally. Then divide the rest of the grid into 16 regions each containing 5 cells. Regions with the same shape (including rotations/reflections) cannot share an edge. A cell with a letter in it must be part of the pentomino shape normally associated with that letter; an inventory of pentominoes is given below the puzzle.



Statue Park by Palmer Mebane


