



# Tapa Variations Contest

Feb 2010

week 4

**TAPA RULE:** Paint some cells black to create a continuous wall. Number/s in a cell indicate the length of black cell blocks on its neighbouring cells. If there is more than one number in a cell, there must be at least one white cell between the black cell blocks. Painted cells cannot form a 2x2 square or larger. There are no wall segments on cells containing numbers.

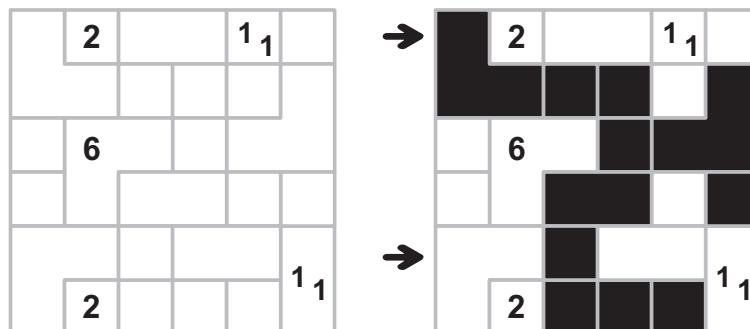
**Points:** Partial points will be given in Tapa Distiller and Tapa Kit Kat for every correct grid which is part of the complete solution.

**Answer format:** Write the contents of the marked rows, from top to bottom. Use B for blackened cells, W for white/clue cells and corresponding digits in Tapa Filler.

## 1: Previously On TVC

### Irregular Tapa

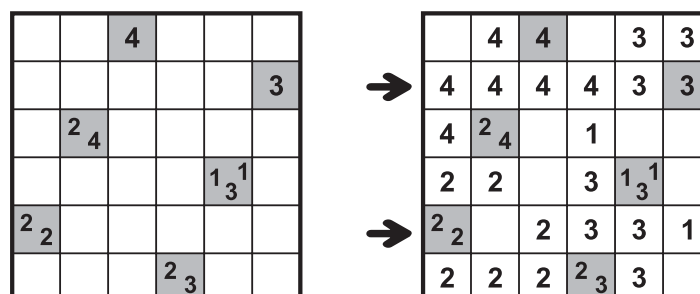
The grid is divided into irregular shapes, each counting as one cell for the Tapa clues.



The answer for the example would be: BWWWW, WBWW

### Tapa Filler

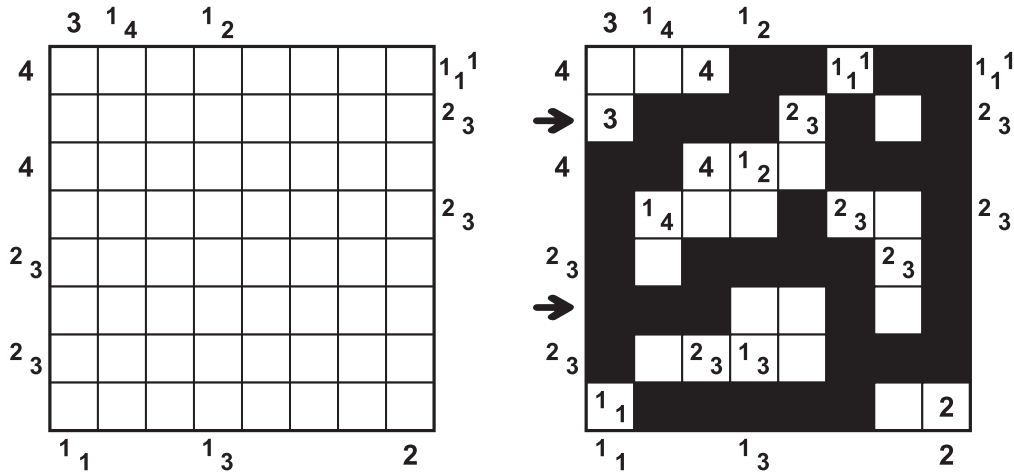
Create a continuous wall of digits; at most one digit per cell. Filled-in cells cannot form a 2x2 square. Number/s in a cell indicate/s all digits on its neighbouring cells; each digit appearing as many times as itself. In the case of identical-digit groups around a clue cell, groups cannot be edge-to-edge neighbours (e.g., the 2-2 clue on the example).



The answer for the example would be: 44443W, WW2331

## 2. Easy As Tapa

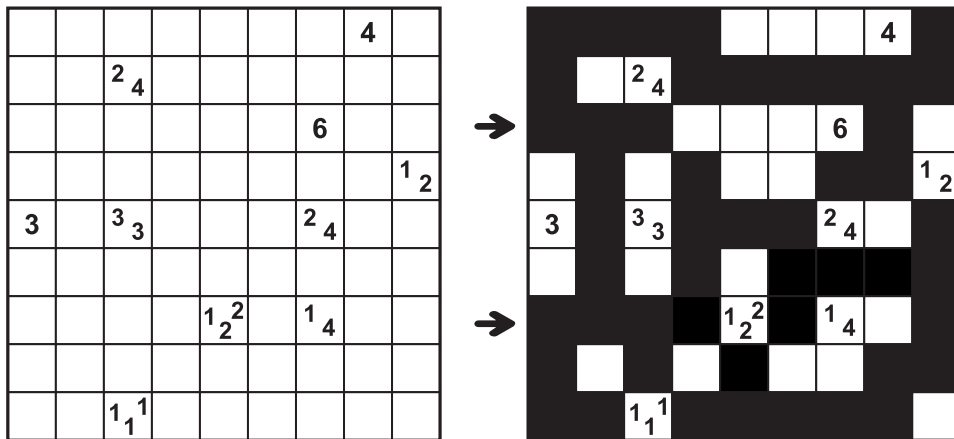
The numbers outside the grid indicate the clue cell first seen from the corresponding directions.



The answer for the example would be: WBBBWBWB, BBBWBBWB

## 3. Tapa Islands

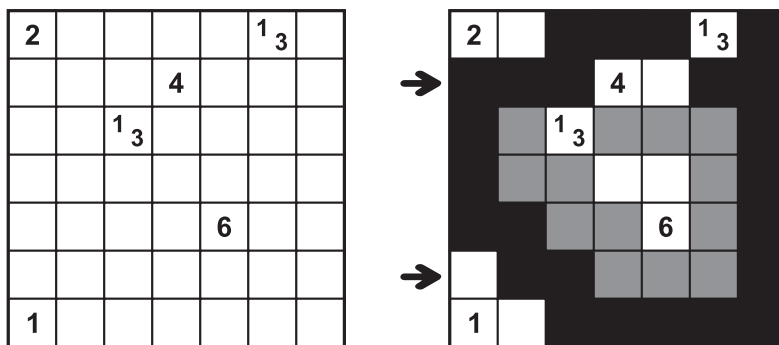
Unpainted cells form separate areas surrounded by the wall. Each separate area may contain at most one clue cell. If there is a clue cell in an area, at least one digit should give the size of that area in unit squares.



The answer for the example would be: BBBWWWBW, BBBBWBWB

## 4. Double Tapa

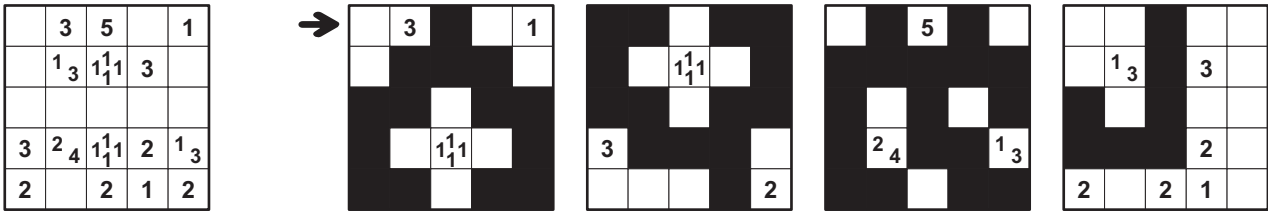
Paint two separate walls without crossing each other. All clues in the same cell indicate the same wall.



**Answer format:** Write B for both Tapas. The answer for the example would be: BBBWWBB, WBBBBBB

## 5. Tapa Distiller

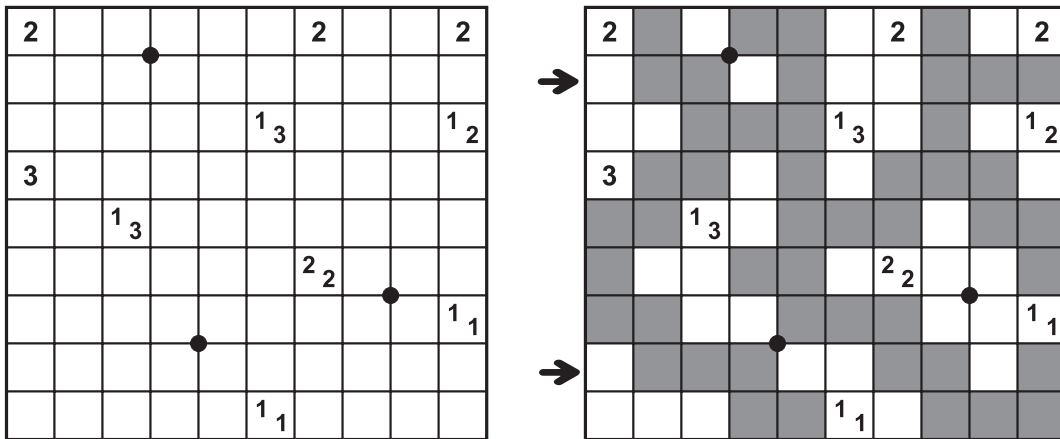
Clues of four separate puzzles are given in one grid. Distribute the clues to four grids and solve each puzzle. The cells with clues do not overlap, each clue cell should be fully visible in one grid only.



The answer for the example would be: WWBWW, BBWBB, WBWBW, WWBWW

## 6. Symmetric Tapa

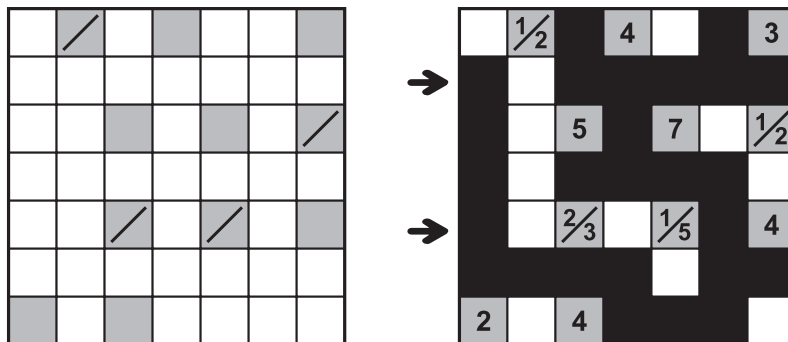
Part off wall should have central symmetry inside the largest possible rectangle having black dot in a centre.



The answer for the example would be: WBBWBWWBBB, WBBBWWBBWB

## 7. Tapa Magic

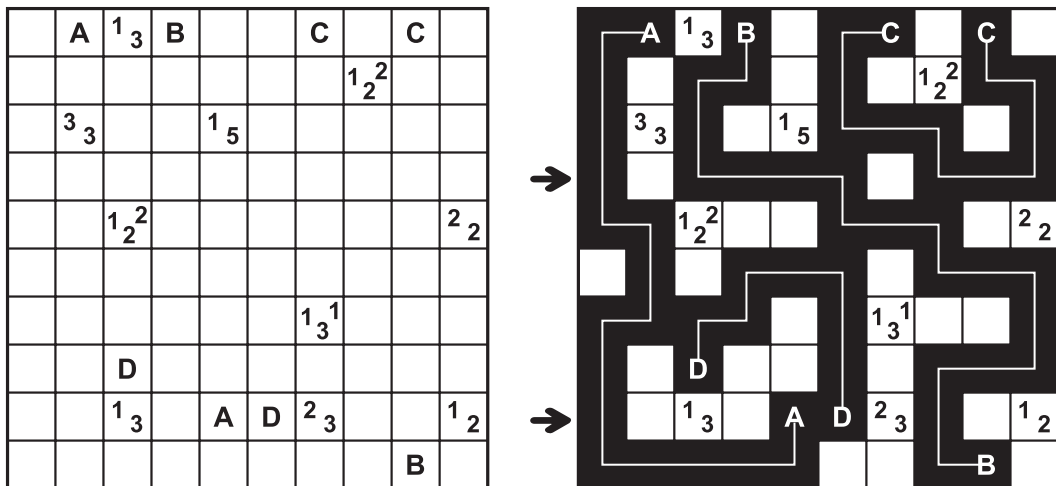
Fill in every grey cell with Tapa clues. The cells without slash should be filled with a single digit and the cells with slash should be filled with two digits. Digits cannot repeat within a row/column.



The answer for the example would be: BWBBBBB, BWWWWBW

## 8. Tapa Connection

Connect the identical letters with lines going vertically or horizontally. Lines cannot intersect and all cells occupied by the lines (including the cells with letters) should form a regular Tapa.

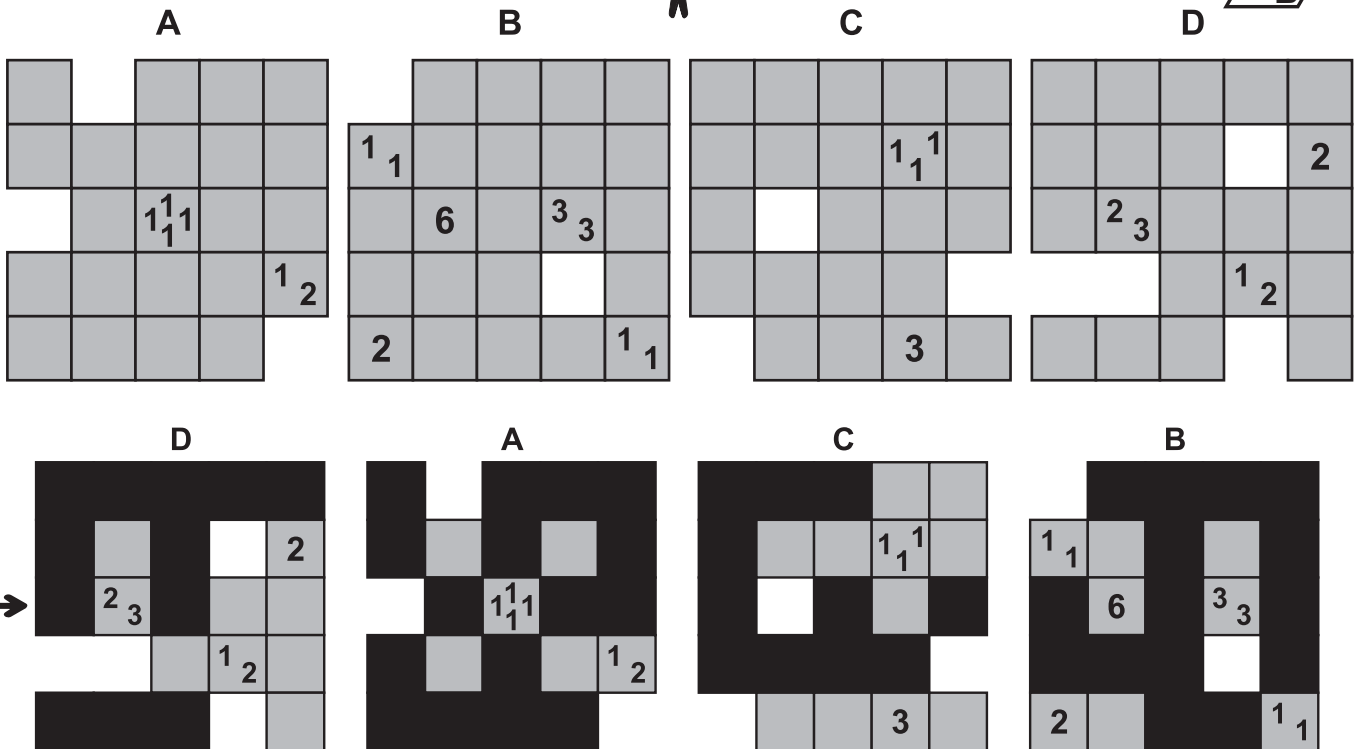


The answer for the example would be: BWBBBBWBBS, BWWBWBWBWW

## 9. Tapa Kit Kat

Overlap the four grids and solve each puzzle. The grids will have holes (white cells), through which the lower layer can be seen. The holes in the lowermost grid will have no meaning.

The pieces on the last page are for the competition puzzle. Cut out this pieces before the competition. On the competition time, copy the clues from the puzzle file to the given grids.



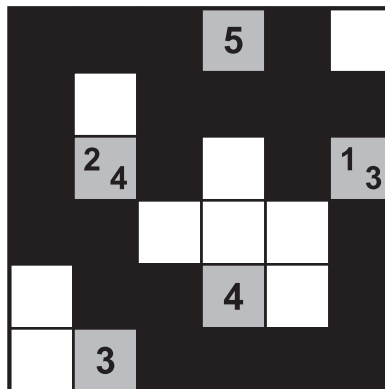
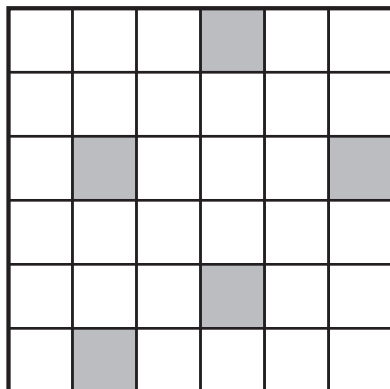
**Answer format:** There will be a separate empty space for each grid's answer. Write your solutions starting from the topmost grid, paying attention on what is seen through the holes. The answer for the example would be: BWBWW, BBWBB, BWBWB, BWBWB

## 10. Tapa Magic Optimizer

Fill in every grey cell with Tapa clues. Digits cannot repeat within a row/column.

**Score:** Number of digits / number of clue cells x number of blackened cells / number of possible solutions

**Score for the example:**  $7 / 5 \times 22 / 1 = 30,8$  pts



**Answer format:** Write the clues from top to bottom, left to right. The answer for the example would be: 5,24,13,4,3

### Some puzzle ideas are obtained as follows:

Tapa Filler from Cihan Altay,

Easy As Tapa, Symmetric Tapa and Tapa Connection from Andrey Bogdanov,

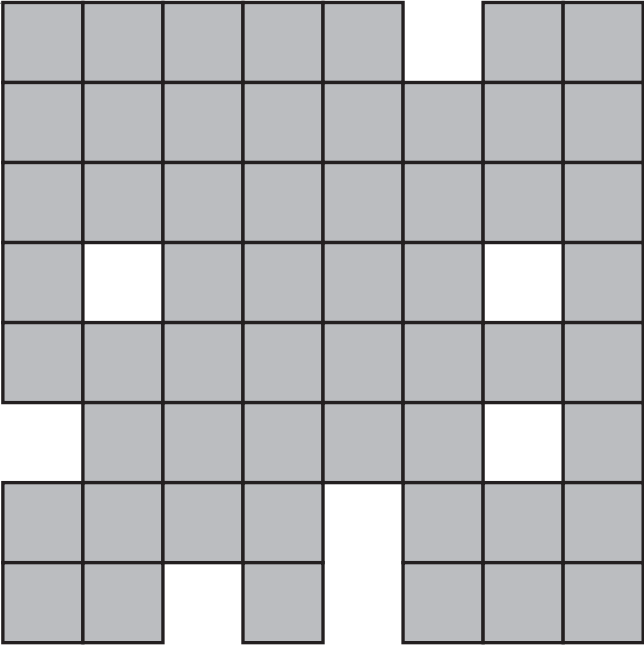
Tapa Islands from Jan Mrozowski,

Double Tapa and Tapa Magic from Vladimir Portugalov,

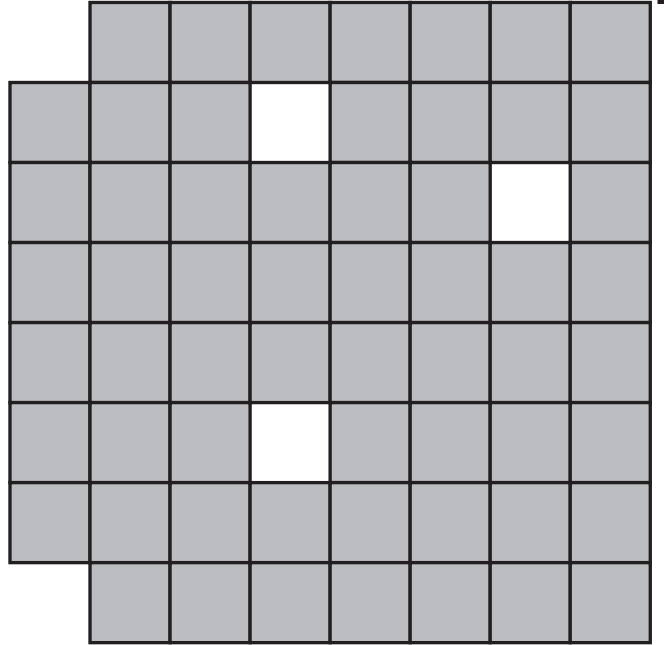
Overlapping construction of Tapa Kit Kat from Mehmet Murat Sevim.



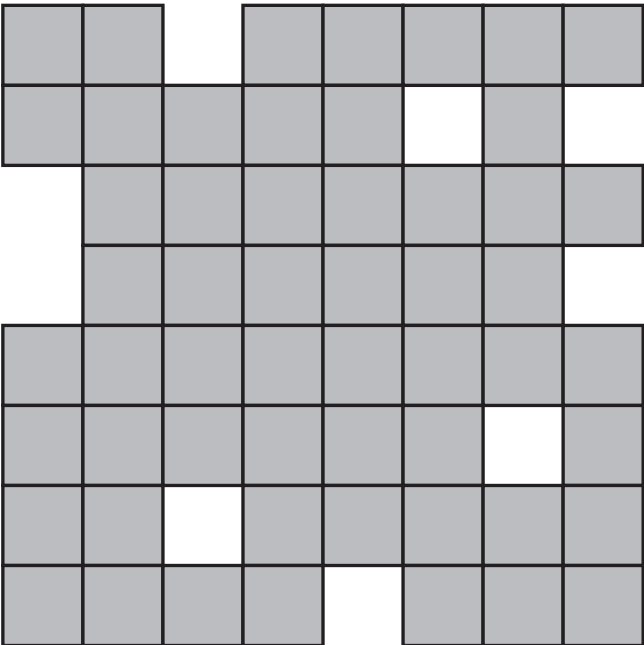
A



B



C



D

