**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.

Puzzle booklet will not contain examples.

## 1. Previously on TVC (30 + 51 points)

### 1A. Word Tapa (30 points)
The wall consists of letters and all given words should be read on the wall, travelling between adjacent cells. Different words can intersect only if they share at least one letter, and they can only intersect on those shared letters. There cannot exist any letters on the grid that is not part of a given word, and each word should intersect with at least one other word.

TAPA VARIATION CONTEST



Answer format: Write the content of the marked rows. Use letters for the wall and - for clues and empty cells. The answer for the example would be: ---A-C, ---TSE

### 1B. Tapa Possible (51 points)
Given digits indicate the possibilities for Tapa clues. For the white clue cells, only one of the given digits will be used. For the grey clue cells, at least two of the given digits will be used.
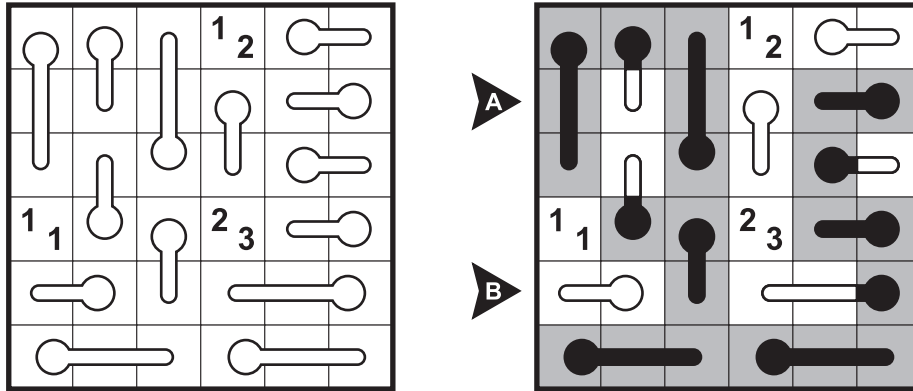


Answer format: Write the lengths of separate blackened cell blocks in the marked rows. The answer for the example would be: 4, 21
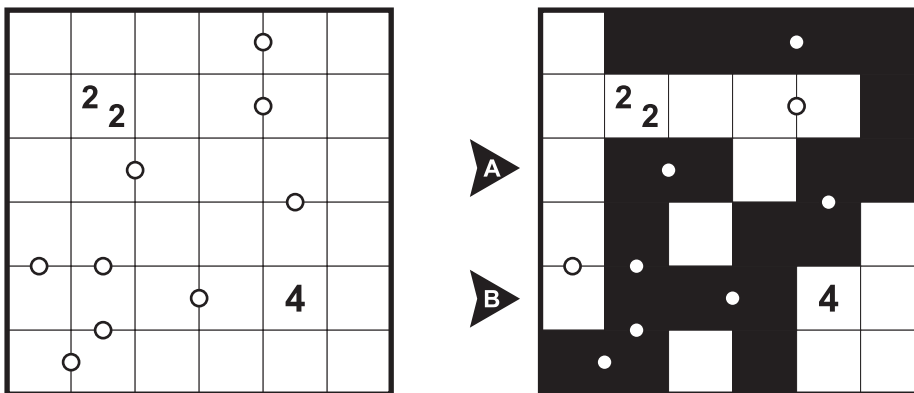
## 2. Thermometer Tapa (21 + 82 points)

The grid contains thermometers which can be completely used, partially used or completely unused. The mercury rises starting from the head (rounded end) to the tail, without skipping any segments.



Answer format: Write the lengths of separate blackened cell blocks in the marked rows. The answer for the example would be: 112, 11

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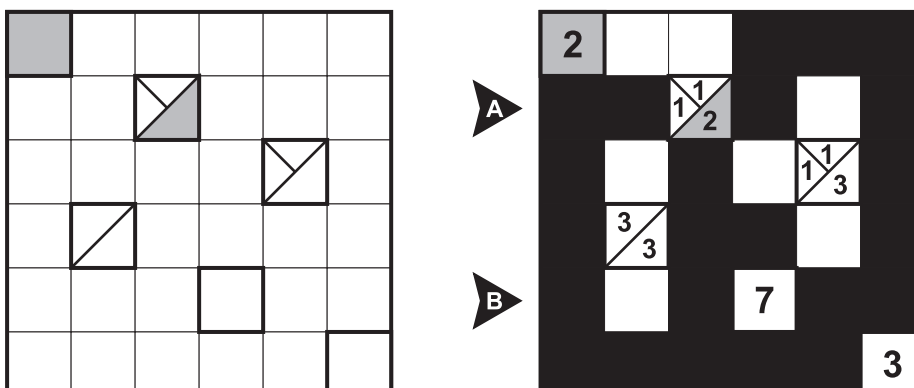## 3. Same as Tapa (18 + 58 points)

Two adjacent cells separated by dots should be identical; either both are blackened or both are empty.



Answer format: Write the lengths of separate blackened cell blocks in the marked rows. The answer for the example would be: 22, 3

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## 4. Tapa Odd-Even (117 points)

Each outlined cell represents Tapa clues to be filled in. Cells that contain more than one digit are divided into that many regions. Grey regions should contain even digits (nonzero) and white regions should contain odd digits.



Answer format: Write the lengths of separate blackened cell blocks in the marked rows. The answer for the example would be: 211, 112

## 5. Mastermind Tapa (46 + 60 points)

Clues given in between the two grids represent the number of blackened cells in common (regarding location) for the corresponding row.

Answer format: Write the lengths of separate blackened cell blocks in the marked columns. The answer for the example would be: Grid left: 31, 14; Grid right: 12, 2

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## 6. Symmetric Tapa (28 + 45 points)

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

Answer format: Write the lengths of separate blackened cell blocks in the marked rows. The answer for the example would be: 213, 321

## 7. Tapa Trimino (40 + 106 points)

The wall should only be made up of the given triminoes without overlapping. Triminoes may be rotated and/or mirrored.

| | | | | | |
|---|---|---|---|---|---|
| **2** | | **1** | | | |
| | | | | | **3** |
| | | | | | |
| | **3** | | | | |
| | | | | | **2** |
| | | | | | |

A ▸ ◂ B

Answer format: Write the lengths of separate blackened cell blocks in the marked rows. The answer for the example would be: 21, 0

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## 8. Alternative Tapa (30 + 44 points)

For each set of identical letters, only one is visited by the wall and the others are not

| | | | | | |
|---|---|---|---|---|---|
| | | | Ⓛ | | |
| Ⓛ | | **2 2** | | Ⓜ | |
| | | | **3** | Ⓘ | |
| | **2 4** | Ⓜ | | | |
| | | **3 3** | | | |
| | | | Ⓘ | | |

A ▸ ◂ B

Answer format: Write the lengths of separate blackened cell blocks in the marked rows. The answer for the example would be: 1, 21
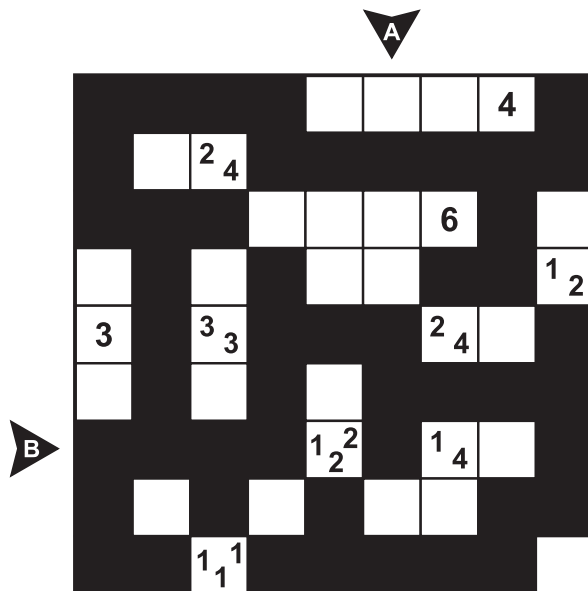
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## 9. B&W Tapa (24 points)

Painted cells and white cells should form two separate interconnected areas. Clue cells are considered as white cells. Also NO 2x2 box can contain all white cells.

| | | | | | |
|---|---|---|---|---|---|
| | | | | | |
| **7** | | **2 3** | | **6** | |
| | | | | | |
| **7** | | | **2 2** | | |
| | | | | | |
| **1 5** | | **3 3** | | **2 2** | |
| | | | | | |

A ▸ ◂ B

Answer format: Write the lengths of separate blackened cell blocks in the marked rows. The answer for the example would be: 11, 14

# 10. Tapa Islands (138 points)

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.

Answer format: Write the lengths of separate blackened cell blocks in the marked row/column. The answer for the example would be: 131, 411