Tapa Variations Contest

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-
Fatih Kamer Anda

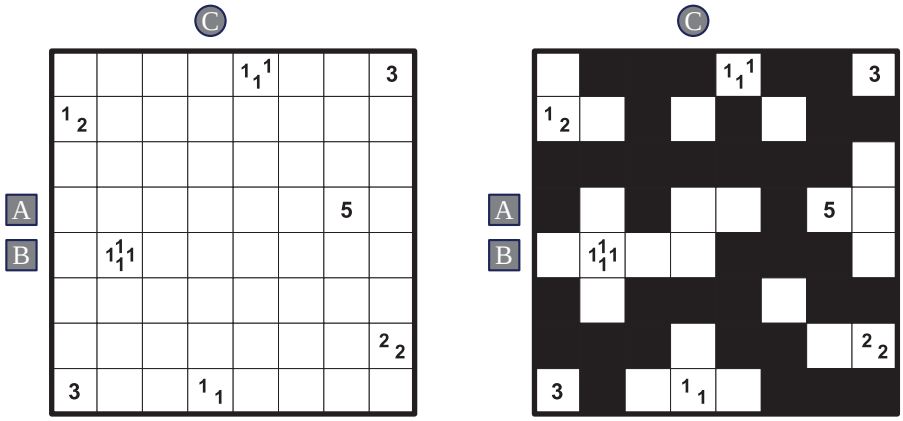
Jan 2016
week 1

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.

TVC 2016 SCORING SYSTEM:

i. The best 3 results out of 4 will be considered in the final ratings.
ii. Time bonus will be applied.
iii. Total points of each test will be 1000 points. After each test, the scores will be normalized such as the best player gets 100 points, and the other players' scores are calculated accordingly.

TVC XVII ANSWER FORMAT: Write the lengths of seperate blackened cell blocks in the marked rows and columns. The answer for the example would be: 111, 3, 111



TVC 2016 dedicated to memory of

FLORIAN KIRCH

who is the Tapa Master of 2011,

several times German Sudoku and

Puzzle Champion, 3rd Best Solver

of 2014 WPC

TVC Story:

After 18th World Puzzle Championship in Antalya the idea came up. As a Tapa inventor I thought one of my responsibilities was to make Tapa more familiar for solvers, and that lead to TVC. 1st series of TVC was held in OAPC web site (oapc.wpc2009.org), 2010; home of others was Logic Masters India, 2011, 2012, 2013.

Last two years we didn't organize, I'm not sure why, but probably the reason was my job. Anyway, so far we had 4 Tapa Masters: Nikola Zivanovic, Florian Kirch, Palmer Mebane, Bram de Laat. For two masters I designed a special Tapa trophy, constructed with the letters of Tapa Master's names . I also made one for Palmer, but after that I didn't like the appereance of the trophy. I may keep designing Tapa Master trophies.

In all TVC's, all puzzles were made by me, but this year one of the youngest, brilliant Turkish puzzle designers Fatih Kamer Anda will be my companion to make puzzles for the 5th series of TVC.

There are more than 130 Tapa variations. We combined all of them in a single file, but we last updated it in 2012; one of my plans is to upload a new file with new variations. If you have a Tapa variation idea, please share with us, and it will appear in next TVC's with your name.

TVC Official page:

http://logicmastersindia.com/TVC/

TVC 2016 Schedule:

TVC XVII - 2/4 January 2016
TVC XVIII - 16/18 January 2016
TVC XIX - 6/8 February 2016
TVC XX - 20/22 February 2016

TVC Structure:

The series has a unique structure, the best of 3, extra time, penalty points, previously on TVC and the poll.

Duration: 75 minutes
Extra time: 5 minutes
Penalty points: When you submit any (right/wrong) answer during extra time, you will be penalized.
The poll: After TVC XVII, we will give chance to all participants to select 5 variations for next TVC.
Time bonus: If a competitor finishes all puzzles correctly before ending 75 minutes, he/she will get bonus points. Time bonus will be computed only after bonus is claimed.
Best of 3: TVC started with Best of 3 rule, because in that time we couldn't organize the competitions with time flexibility. So everyone couldn't have a chance to participate in all TVC's regularly in exact time and date. So we ran Best of 3 rule. We know that this is not necessary anymore because LMI has great infrastructure; but as we noticed Best of 3 is a trademark of TVC Series. Therefore it will be applied in 2016 competitions too.
Puzzle points: First version of IB never has puzzle points, the time of publishing puzzle points is fixed, last day before the competition day, so it's always Friday.
Puzzle file: Puzzle file will not contain examples.

Special Thanks to:

*Gulce Ozkutuk, if I'm still preparing Tapa, or any puzzle, the reason is her.

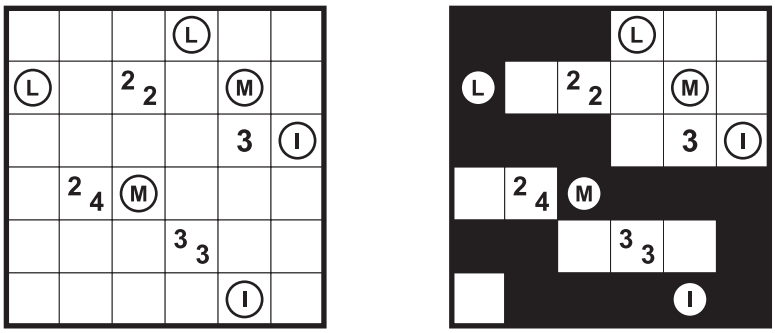
Florian:

TVC Series never had any theme, but this year we have theme and it is Florian Kirch. He was a great person not just only for me but also for whole puzzle community. I miss him...

1. Previously on TVC

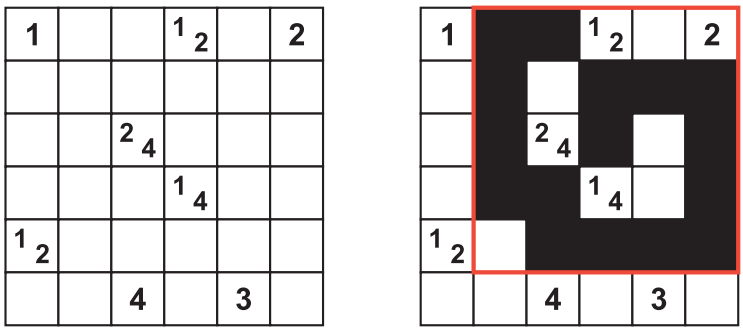
Alternative Tapa

Tapa rules apply. Additionally, for each set of identical letters, only one is visited by the wall and the others not.



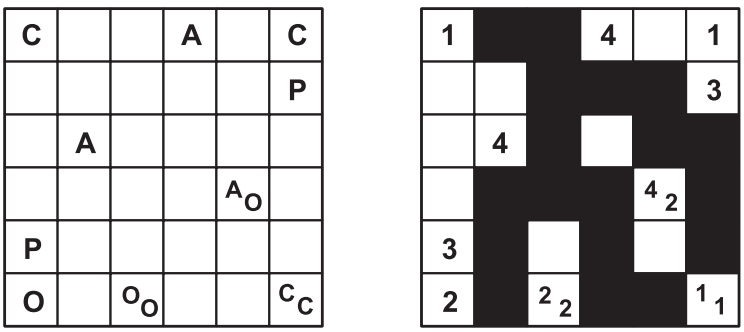
2. Tapa with Borders

A nxn Tapa grid (5x5 for the example) is hidden in the given mxm grid (6x6 for the example). Find the location of the Tapa grid, and solve the puzzle. Clues outside the Tapa grid will not be valid.



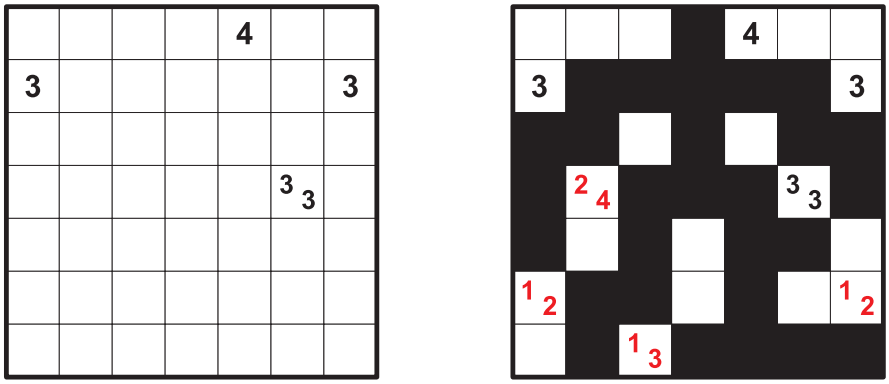
3. TAPA LOGIC

Tapa rules apply. Additionally, each letter in “X Y” (OAPC for the example) are crypted with a digit from 0 to 8 (0 to 4 for the example). Same letters mean the same digit, different letters mean different digits.



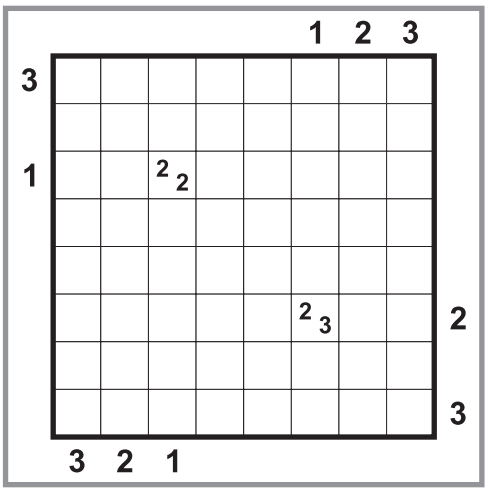
4. Peers Tapa

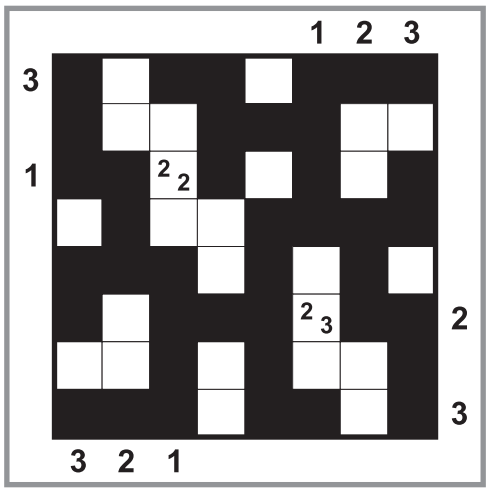
Tapa rules apply. Additionally, each given clue has a peer, symmetrical to the center of the grid. The sums of digits should be equal for each pair, but two peers cannot be exactly the same. Find the missing peers and solve the puzzle.



5. Tapa [Skyscrapers]

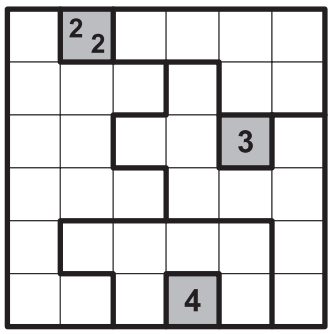
Tapa rules apply. Additionally, numbers outside the grid show the number of seperate wall segments visible in that direction. A segment of length n, is taken as a skyscraper of height n. Skyscrapers of length n can block visibility of other skyscrapers of length n and below.

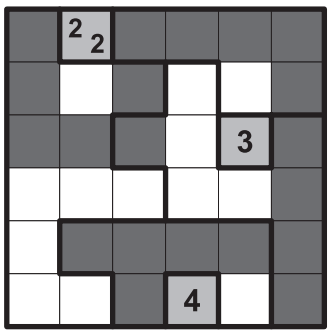




6. Make Room For Tapa

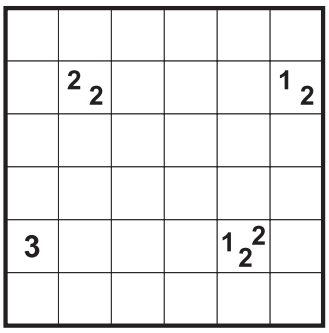
Tapa rules apply. Additionally, each outlined region should contain exactly five blackened cells.

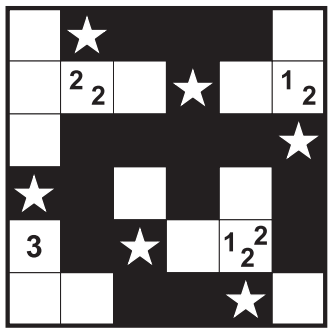




7. Tapa Star

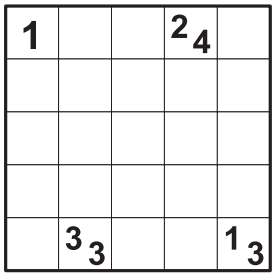
Tapa rules apply. Additionally, each row and column must contain exactly two stars (one for the example). Stars cannot touch each other even diagonally and all stars must be placed on the wall.

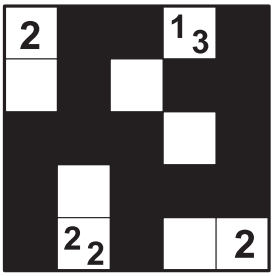




8. Knapp Daneben Tapa

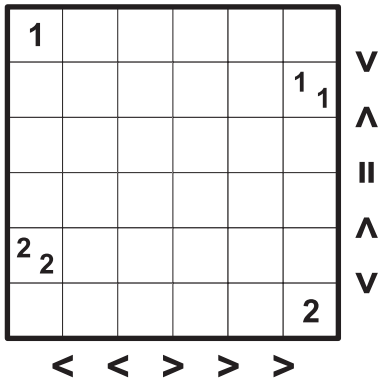
Tapa rules apply. Additionally, all given numbers are wrong. The correct number is either 1 higher or 1 lower, meaning a 1 can possibly into a zero.

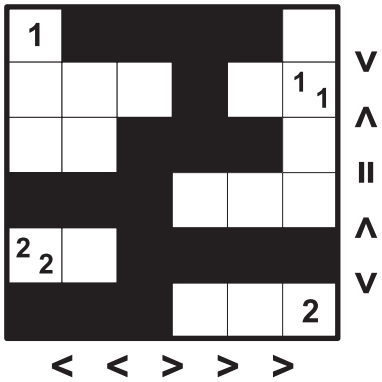




9. Outside Tapa

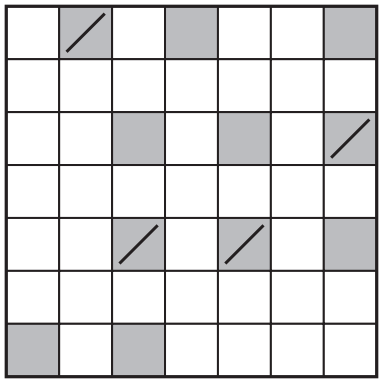
Tapa rules apply. Additionally, the signs outside the grid indicate the relations between the corresponding rows/columns, regarding the number of blackened cells.

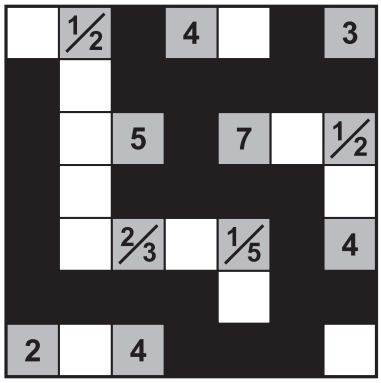




10. Tapa Magic

Tapa rules apply. Additionally, 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.





Some puzzle ideas are obtained as follows:

Knapp Daneben Tapa from FLORIAN KIRCH

Alternative Tapa, Peers Tapa from Serkan Yurekli,
Tapa with Borders from Riad Khanmagomedov,
TAPA LOGIC, Tapa Star from Gulce Ozkutuk,
Tapa [Skyscrapers] from Prasanna Seshadri,
Make Room For Tapa from Thomas Snyder,
Outside Tapa from Rohan Rao,
Tapa Magic from Vladimir Portugalov