# 202236975 NONUMBERS

# INSTRUCTION BOOKLET

26th - 28th May 2012

## Timing

120minutes

## Points Table

Total: 850pts

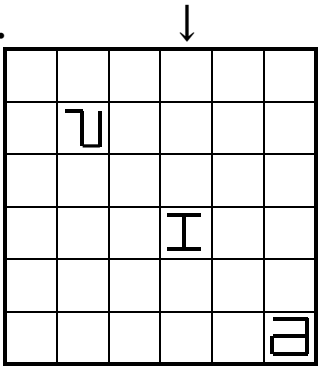| Curve data | | 1 | 20pts |
|---|---|---|---|
| 75pts | | 2 | 55pts |
| Trio cut | | 1 | 35pts |
| 100pts | | 2 | 65pts |
| No numbers field | | 1 | 35pts |
| 100pts | | 2 | 65pts |
| It's yours | | 1 | 40pts |
| 105pts | | 2 | 65pts |
| Synchronized Maze | | 1 | 25pts |
| 105pts | | 2 | 80pts |
| No numbers loop | | 1 | 50pts |
| 145pts | | 2 | 95pts |
| B&W Matchmaker | | 40pts x5 + 20pts | |
| 220pts | | (5 puzzle grids + Non used grid) | |

## Author

Xevs (Ko Okamoto)
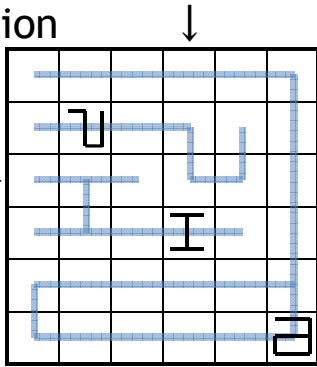
## Test solvers

gorogoro
POTS

# Curve data

Make some figures by drawing lines so that each figure goes through just one clue. All the cells will be visited by lines.
Each clue shows how the lines of the figure upon it turns or connects without any rotation or reflection.
(The clues do NOT inply lengths of any part of the line)
Different figures do not share same cell.

Answer Key
Enter the lengths of line segments along the marked row or column.
Enter "0" for row/column with no line segments.

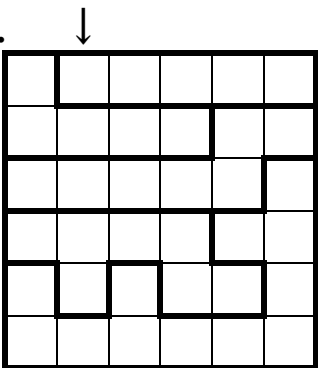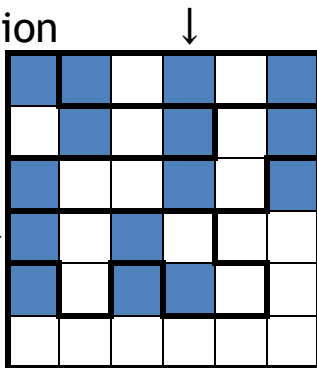Ex.    ↓          Solution    ↓

Key: 21, 1

# Trio cut

Paint some cells black to make some triominos so that each triomino will be cut twice by thick lines.
Each region bordered by thick lines should have three painted cells.

Answer Key
Enter the numbers of continuous painted cells along the marked line.
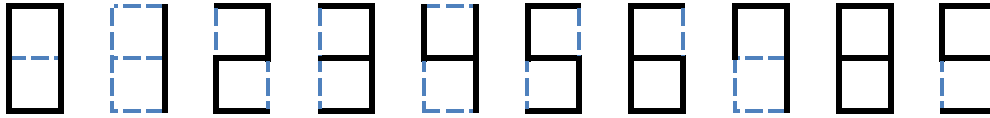Enter "0" for row/column with no painted cells.

Ex.    ↓          Solution    ↓

Key: 11, 31

# No numbers field

Blacken some cells so that all unblackened cells will be connected virtically or holizontally.
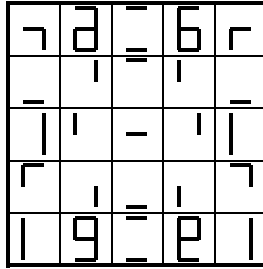Blackened cells can't touch each other vertically or horizontally.
In each row or column, figures of the unblackened cells can't form a number (listed below) when combined all together.
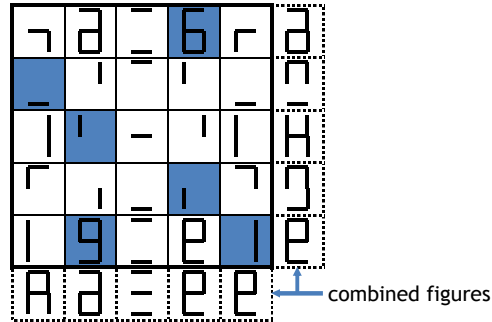
Answer Key
Enter the numbers of blackened cells of each row from top to bottom.

## Ex.

## Solution

Key: 11112

# It's yours

Put some pairs of polyominos in the grid so that each polyomino has one clue inside it.
The paired polyominos will touch each other, and a pair of polyominos cannot touch another pair of polyominos.
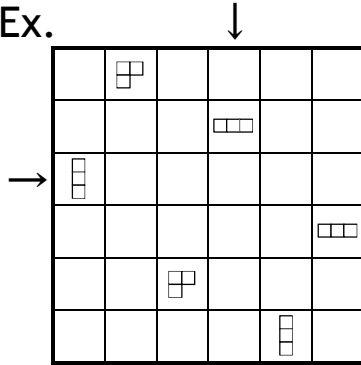A clue in a polyomino show the shape of the other polyomino of the pair with no rotation or revlection.
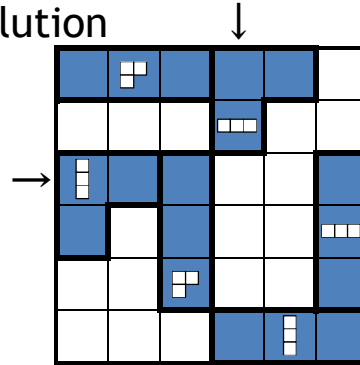
Answer Key
Enter the numbers of continuous cells with polyominos along the marked line.
Enter "0" for row/column with no polyominos.

## Ex.                    ↓

## Solution              ↓

Key: 31, 21

# Synchronized Maze

Connect pairs of the same alphabets with continuous lines.
Each of the line should form the same shape (with some rotation or reflection if necessary).
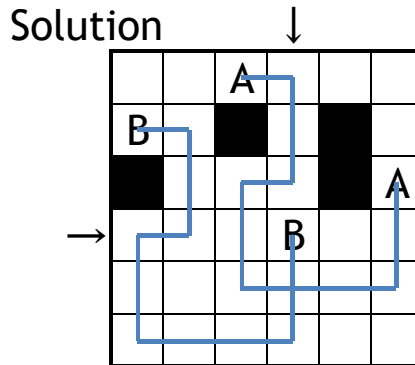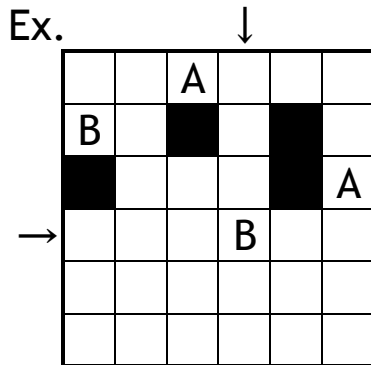The lines can't go through blackened cells.
The lines may cross each other but otherwise can't share any cell.

Answer Key
Enter the lengths of line segments along the marked row or column.
Enter "0" for row/column with no line segments.

Ex. ↓

Solution ↓

Key: 1, 22

# No numbers loop

Draw a closed loop in the grid. The loop can cross itself but otherwise never visits any point twice.
In any of two adjustent squares, the line segment cannot form a number in any orientation. (listed below).
Numbers outside the grid shows how many clossings exist along the direction.
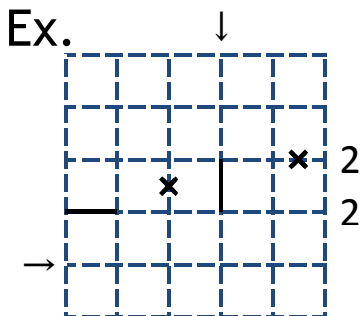Some parts of the loop are already drawn for you, and the loop can't go through segments with "X".
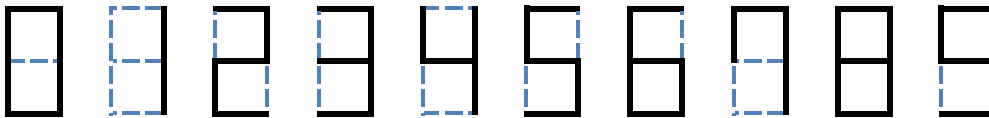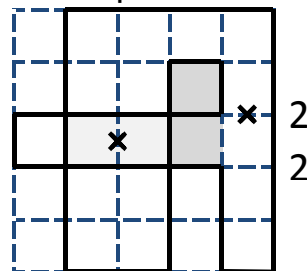
Answer Key
Enter the lengths of line segments along the marked row or column.
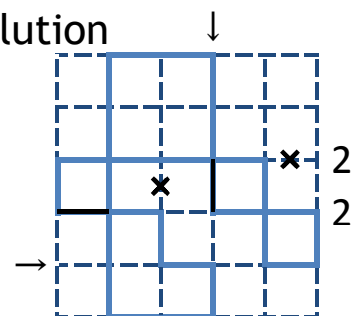Enter "0" for row/column with no line segments.

Ex. ↓

Bad example

2
2

There are rotated "0"
and reflected "9".

Solution ↓

2
2

Key: 11, 31

# Black & White Matchmaker

You are given 6 grids and 5 puzzletypes. Match each grid with a different puzzletypes and solve them. One grid will not be used.

Masyu
> Draw a single loop that passes every cell with a circle.
> In cells with black circles, the loop must make a 90-degree turn and goes straight in neighboring cells.
> In cells with white circles, the loop must go straight and makes a 90-degree turn in at least one of neighboring cells.

Black & white
> Fill the grid with black or white circles so that all of the circles with same color will be connected vertically or horizontally.
> Circles with same color can't form a 2x2 square.

Sun & Moon
> Draw a single loop that passes every cell.
> The loop can't make turns between cells with circles of the same color,
> and makes just one 90-degree turn between cells with circles of different colors.

Not alone
> Fill the grid with black or white circles so that each row or column has the same amount of black circles and white circles.
> One circle of a color can't be sandwitched by circles of the other color virtically or holizontally.
> An array of two or more circles of a same color may be sandwitched by circles of the other color virtically or holizontally.

Signal loop
> Draw a single loop that passes every cell except cells with black circles.
> The loop goes straight in cells with white circles.

Answer Key
Enter the lengths of line segments along the marked row or column. Enter "0" for row/column with no line segments.
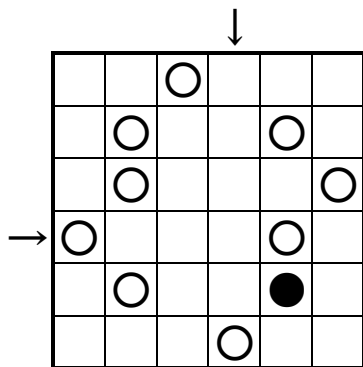(for Masyu, Sun & Moon, and Signaled loop)
Enter the content of the marked row or column; using B for black circles, and W for white circles.
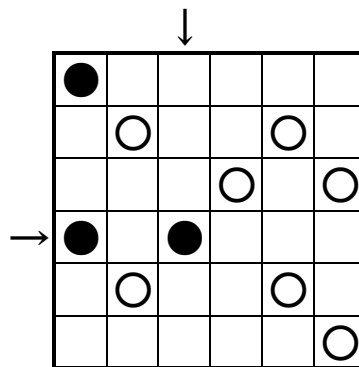(for Black & white and Not alone).
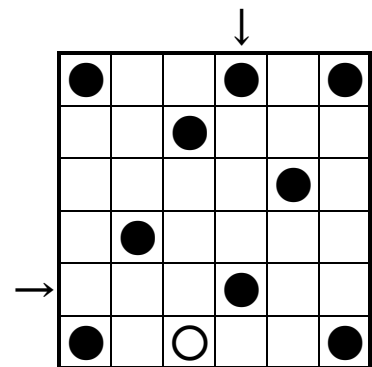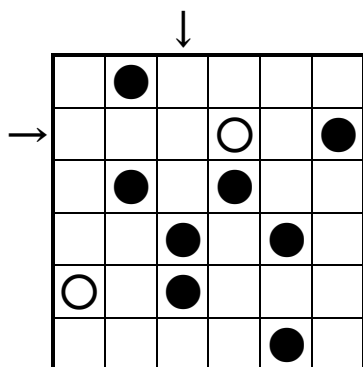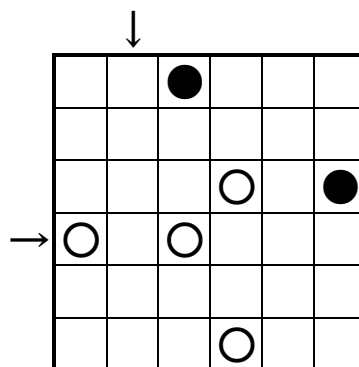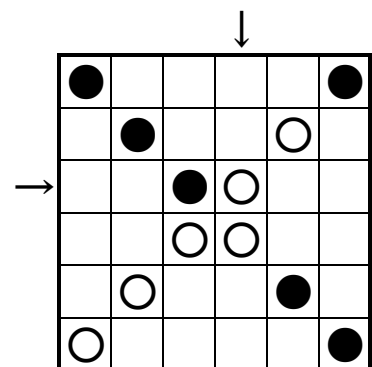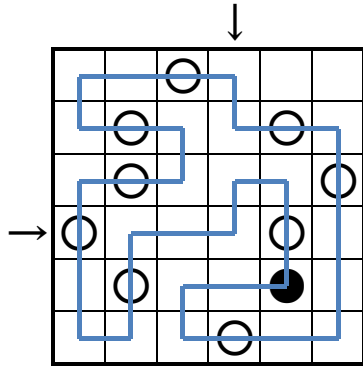Enter "X" for each marked row or column.
(for the non-used grid)

A

B

C

D

E

F
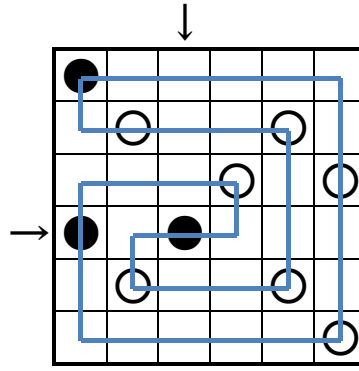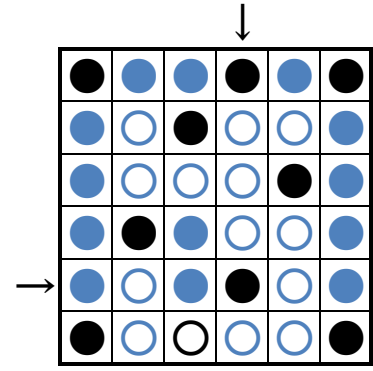
Solution

A  Masyu



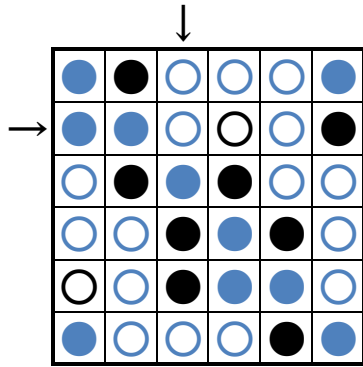Key: 2, 11

B  Sun & Moon



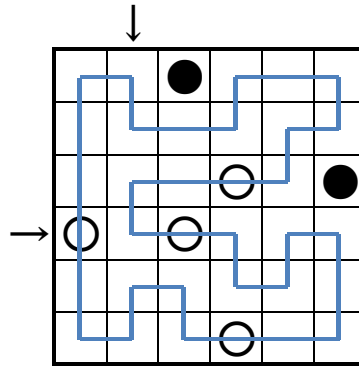Key: 2, 0

C  Black & white


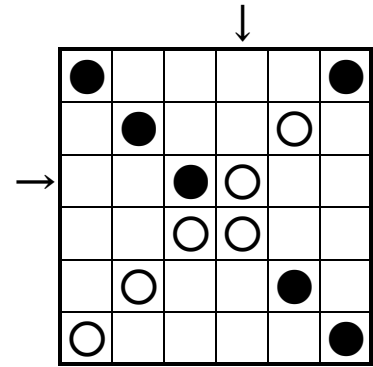
Key: BWBBWB, BWWWBW

D  Not alone



Key: BBWWWB, WWBBBW

E  Signal loop



Key: 21, 111

F  (Not used)



Key: X, X