

Logic Masters 2017
Round 1 – Carousel

Time: 30 minutes

1.1 Arukone	5 points
1.2 Diagonal Sudoku	10 points
1.3 Heyawake	15 points
1.4 Skyscrapers with two Parks	15 points
1.5 Nurikabe	15 points
1.6 Easy as ABC	20 points
1.7 Anti Letter Pentominoes	25 points
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Total	105 points
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Bonus for every 30 seconds remaining	2 points

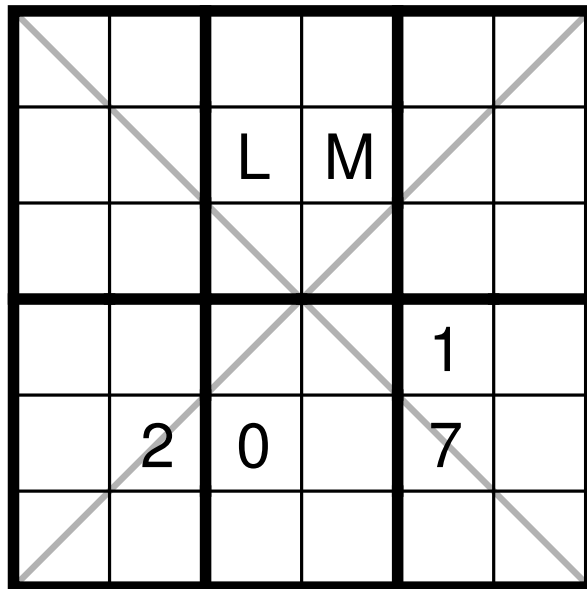
PUNKTE

1.2 Diagonal Sudoku

10 Punkte

Write the given symbols into the grid such that in every row, column and region and in both main diagonals every symbol appears exactly once.

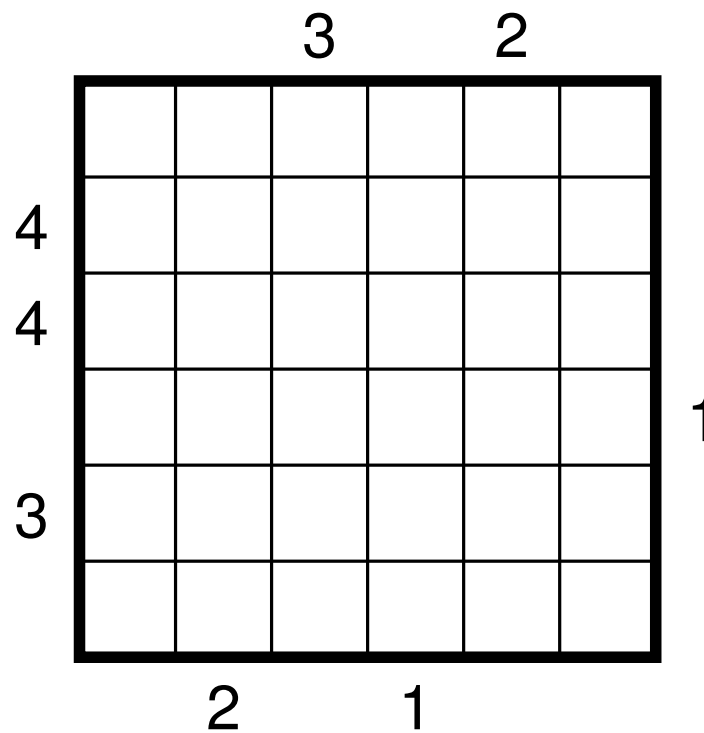
Symbols: 0, 1, 2, 7, L, M



1.4 Skyscrapers with two Parks

15 Punkte

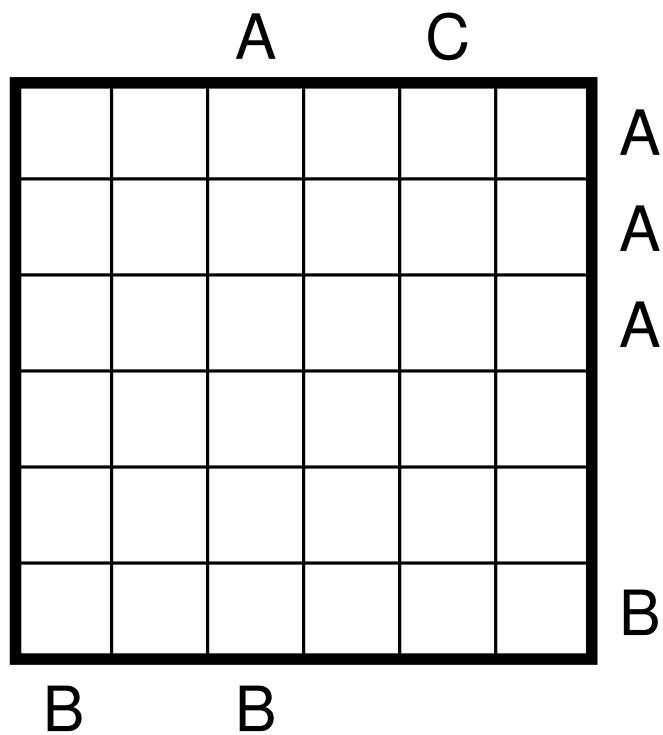
Write the numbers 1 to 4, indicating the heights of skyscrapers, into the grid such that in every row and column every number appears exactly once. Two cells remain empty in every row and column. Numbers at the edge of the grid determine how many skyscrapers are visible in this direction. Higher skyscrapers hide lower skyscrapers.



1.6 Easy as ABC

20 Punkte

Put the letters A, B and C into the grid such that every letter appears in every row and column exactly once. Letters on the edge determine which letter comes first in the respective row or column.



1.7 Anti Letter Pentominoes

25 Punkte

Divide the grid into pentominoes such that each pentomino occurs exactly once and no pentomino contains the letter naming its own shape. Pentominoes may be mirrored and rotated.

P	H	I	L	I	I
Y	N	W	I	W	I
L	W	X	X	P	U
L	U	W	W	P	I
Z	X	Y	L	X	W
Y	W	N	L	Z	N
N	Y	X	X	L	F
U	Y	W	L	F	P
L	P	U	T	E	U
P	U	T	L	I	W

