

NAME:

POINTS:



4TH 24 HOURS PUZZLE CHAMPIONSHIP

24-25 MAY, 2003

HOTEL AMADEUS

BUDAPEST

PUZZLES BY

MÉRŐ, LÁSZLÓ

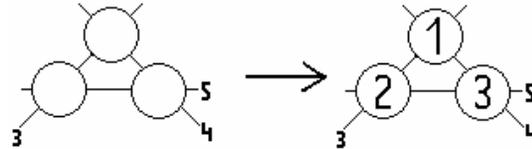
From 1 to 12	85
No four in a row	110 (30+80)
Connection	75 (30+45)
Hexa Islands	85 (40+45)
Scrabble	60
Snake	75
SMS codes	70 (7*10)
Tetris fences	110 (50+60)
Increasing distances	60
1-2-3-4	85 (25+60)
Sources	95 (40+55)
X-Scrabble	90

Puzzle Marathon 2003 – László Méró's puzzles

Instructions

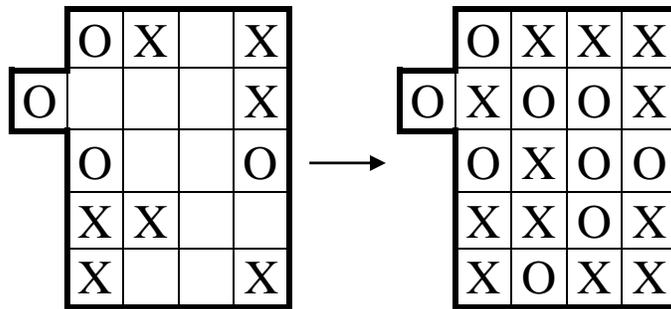
1. FROM 1 TO 12

Fill the numbers 1...12 in the circles so that the sum of the numbers along every line be equal to the indicated number.



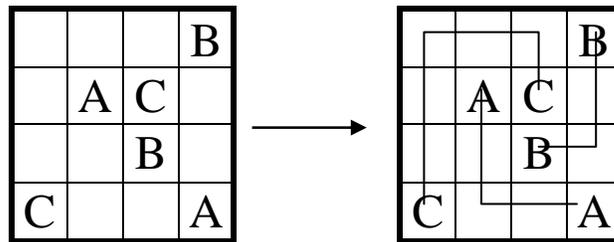
2. NO FOUR IN A ROW

Fill the diagram with O and X signs so that no four identical signs be adjacent in a row, neither horizontally, nor vertically, and not even diagonally.



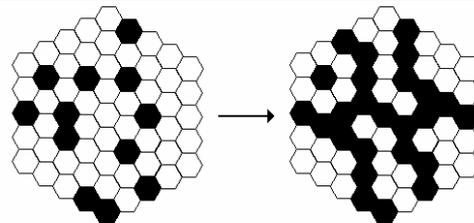
3. CONNECTION

Connect the A with the other A, B with the other B, etc, with broken lines that pass through the centers of horizontally or vertically adjacent squares, and do not intersect.

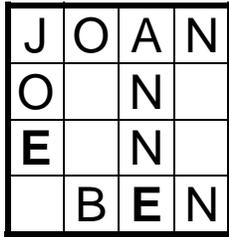


4. HEXA ISLANDS

Paint a few more hexagons black so that there be six white areas, each consisting of six adjacent hexagons. The white areas must not touch each other.



5. SCRABBLE

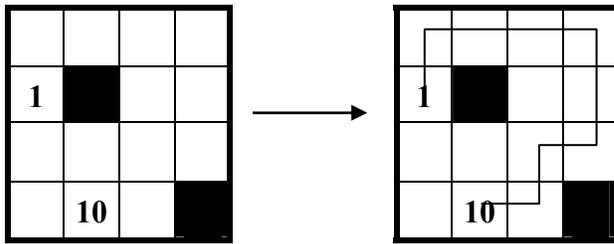


Place the following man/woman names in the diagram so that they comply the Scrabble rules (no extra word is formed). All the letters E have been given.

ANNE BEN
JOAN JOE

6. SNAKE

Find the snake for which the first and last parts are given. The snake must not touch itself, not even diagonally.



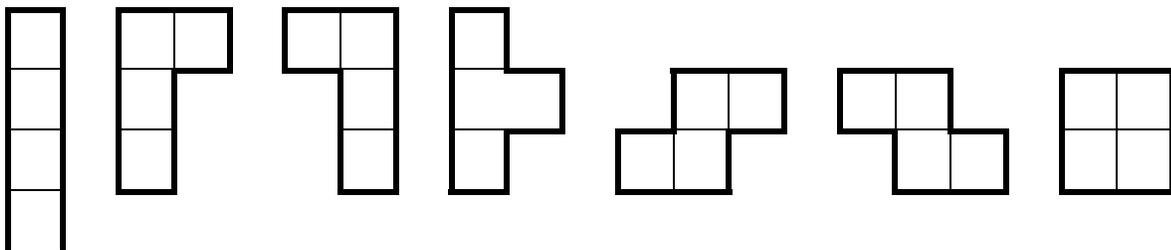
7. SMS CODES

Find out the names coded by the keys used when writing them in an sms.

Codes:	1	2	3	Example: A car make: 3673 = FORD
	--	ABC	DEF	
	4	5	6	
	GHI	JKL	MNO	
	7	8	9	
	PQRS	TUV	WXYZ	

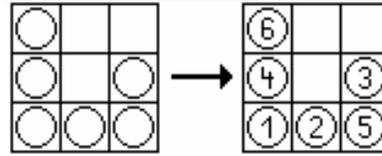
8. TETRIS FENCES

Place the seven Tetris shapes below in the diagram so that the numbers always indicate the number of line segments adjacent to it. The shapes can be rotated but cannot be mirrored.



9. INCREASING DISTANCES

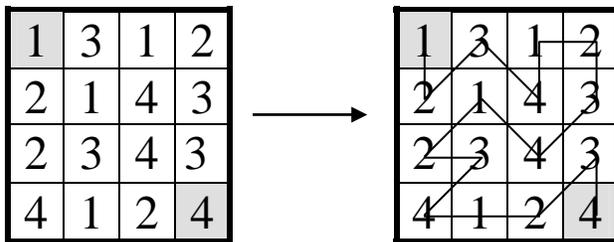
Fill the numbers 1...15 in the circles so that the distances between the centers of the circles be increasing as the numbers increase.



10. 1-2-3-4

Connect the upper left 1 with the lower right 4 by a continuous broken line that

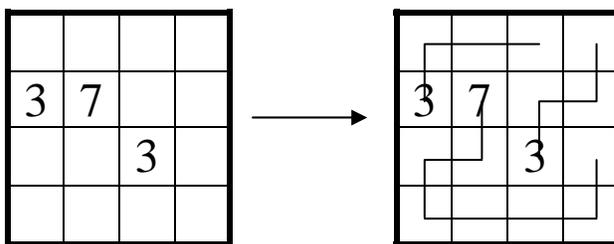
- always connects the middles of two adjacent squares
- does not intersect itself
- passes through every number
- the numbers follow in the order 1-2-3-4-1-2-3-4-1-...



11. SOURCES

Launch a broken line from every number so that:

- the length of the line be equal with the number in the source
- every square is used by only one line
- the broken lines always connect the centers of two horizontally or vertically adjacent squares.



12. X-SCRABBLE

	A	X	A	3
	X		J	2
X	E	N	A	4
	L		X	2
1	4	2	4	

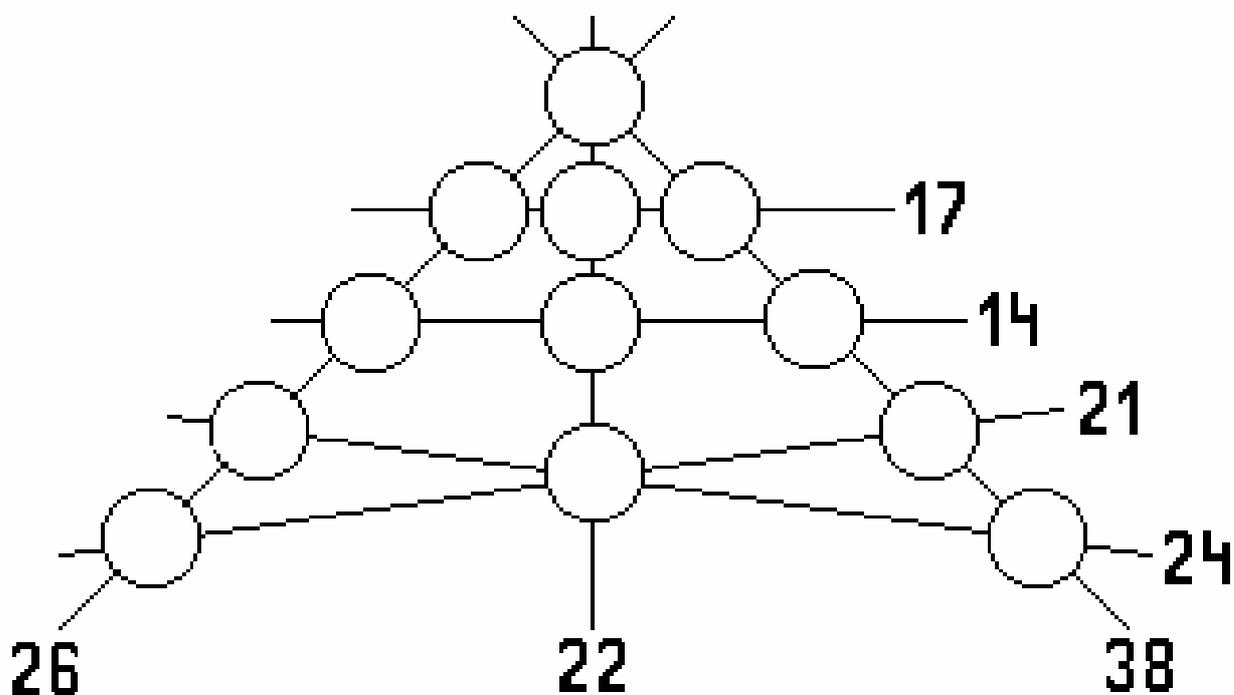
Place the following words in the diagram so that they comply the Scrabble rules (no extra word is formed).

- + In every row and column there must be exactly one letter X.
- + The figures indicate the number of letters in that row/column.

AJAX AXA
AXEL XENA

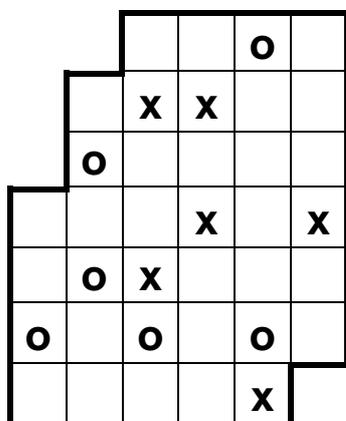


1. FROM 1 TO 12

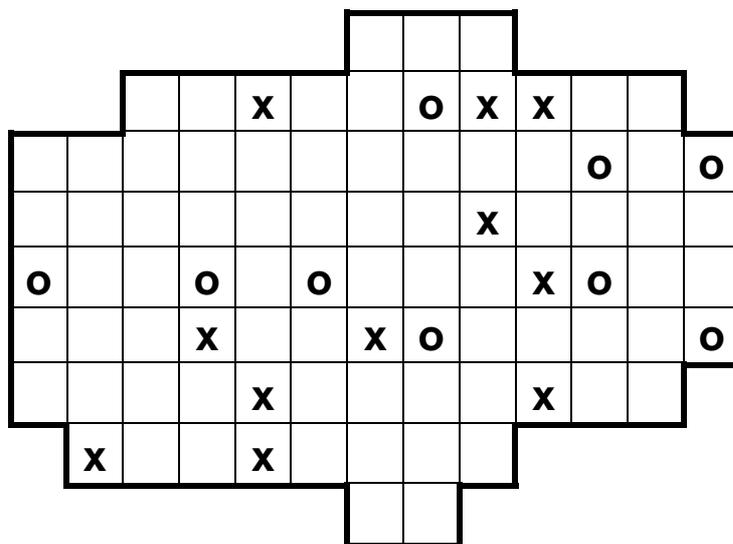


85 POINTS

2. NO FOUR IN A ROW



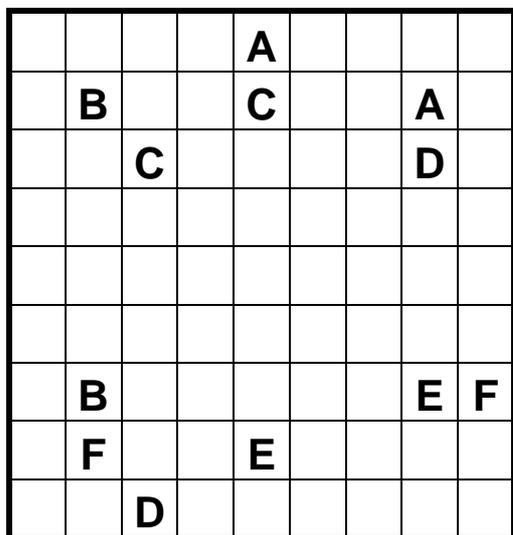
30 POINTS



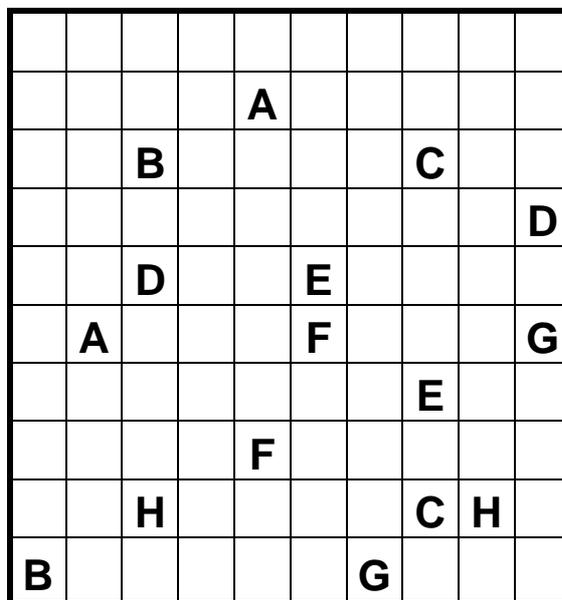
80 POINTS



3. CONNECTION

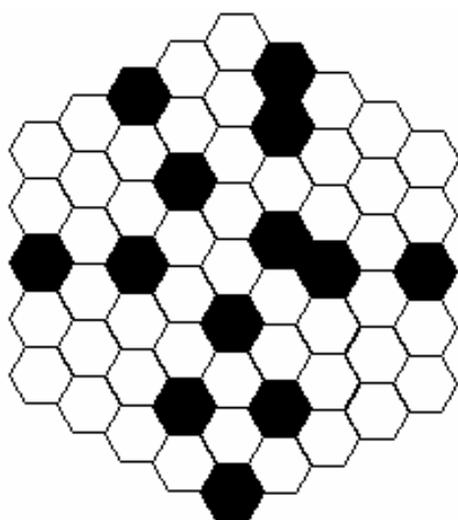


30 POINTS

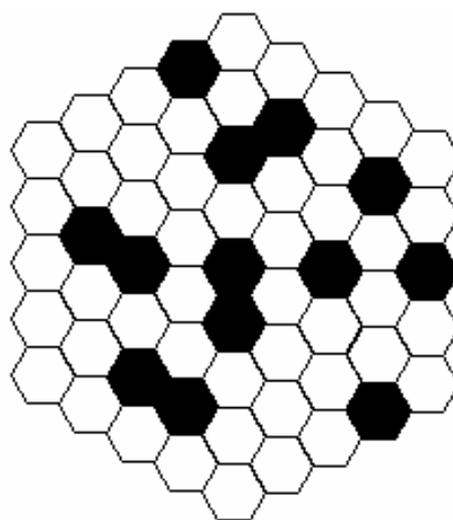


45 POINTS

4. HEXA ISLANDS



40 POINTS



45 POINTS



7. SMS CODES

Codes: 1 2 3
 -- ABC DEF

 4 5 6
 GHI JKL MNO

 7 8 9
 PQRS TUV WXYZ

A pop group: 7465 35693 =

A movie actor: 2427543 2427546 =

A movie actress: 742766 78663 =

A European city: 334628744 =

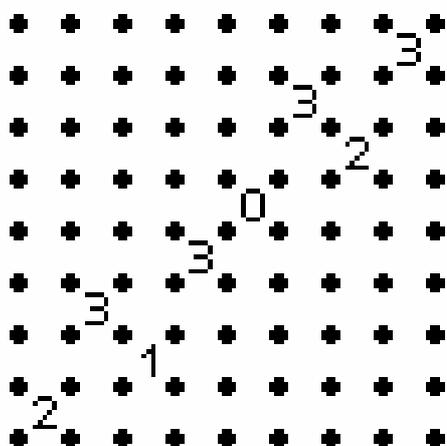
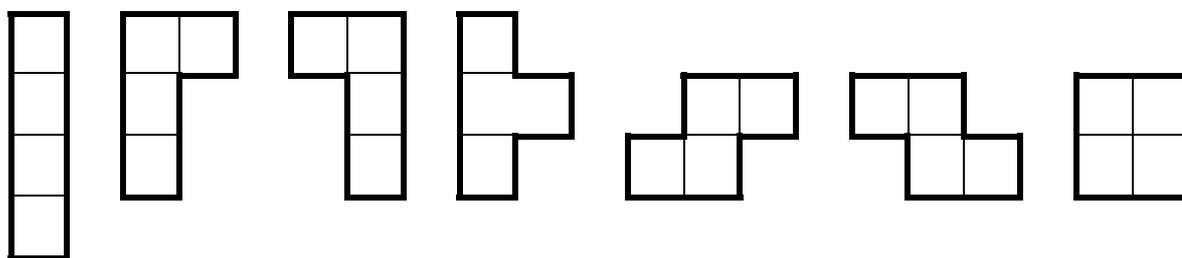
A car make: 24797537 =

A sportsman: 26747 232537 =

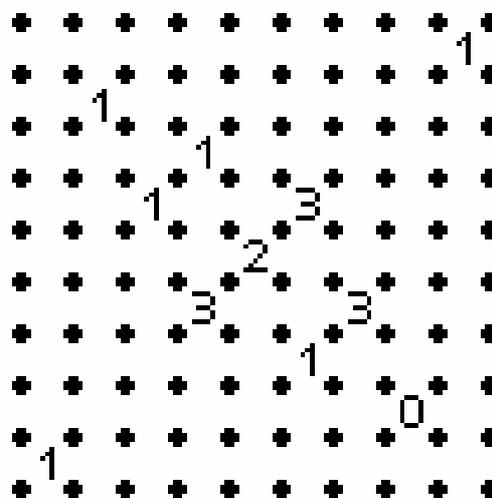
10 POINTS each

A sportswoman: 62342 26626324 =

8. TETRIS FENCES



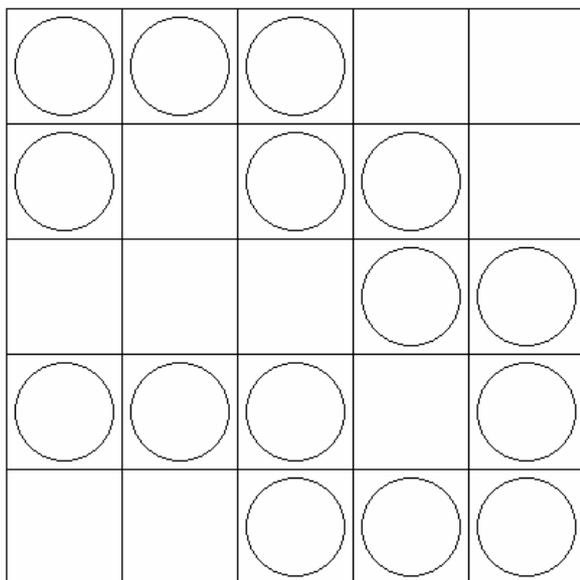
50 POINTS



60 POINTS



9. INCREASING DISTANCES



60 POINTS

10. 1-2-3-4

1	2	3	3	4	1
2	1	4	4	2	2
3	1	1	3	1	3
4	2	4	2	2	4
1	4	3	3	2	1
2	3	4	1	3	4

25 POINTS

1	1	2	3	2	4	1	2	3	4
2	4	4	1	3	2	3	1	2	1
4	3	3	4	3	1	4	2	4	3
1	3	4	2	1	4	2	1	2	3
2	4	2	1	2	3	1	4	3	4
3	1	3	4	1	3	4	1	2	1
2	3	2	1	3	4	1	3	3	2
4	1	2	4	3	2	4	2	1	4
4	3	4	2	1	4	1	3	3	2
1	2	3	1	2	3	4	1	2	4

60 POINTS



11. SOURCES

7	7				
			4	4	
		2			
		6			

40 POINTS

		8					
				7	5		4
	9					3	
8	5						
		6					

55 POINTS

12. X-SCRABBLE

All the letter C's are given.

										7
										6
										8
					C					6
										7
										7
										7
										6
					C					6
										7
										6
9	5	5	8	8	9	6	6	5	3	9

- AIX
- ANTIPEX
- EXPLORER
- KEX
- LEXICON
- LUX
- MAXIM
- MERCKX
- METAXA
- MEXICO
- MIRAMAX
- MIX
- OX
- OXFORD
- OXYGEN
- REXONA
- ROLEX
- ROXANE
- SIX
- XIE

90 POINTS