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P	U	Z	Z	L	E
L	E	A	G	U	E

Beginners Round 5 - 17th to 20th February 2023

Nanro

Puzzles by Neil Zussman

Label some cells with numbers to form a single connected group of labelled cells; no 2x2 group of cells may be fully labelled. Each bold region must contain at least one labelled cell. Each number (including any given numbers) must equal the total count of labelled cells in that region. When two numbers are orthogonally adjacent across a region boundary, the numbers must be different.

Time your efforts for each puzzle separately. Then submit your time for each puzzle, and the number of empty cells in each row, as the "answer key".

Puzzle 1

1 point

21	21	21	21	21
21		21		21
21	21	21	21	21
21		21		21
21	21	21	21	21

Puzzle 2

1 point

1	•	1	5	5
2	2	4	•	5
•	•	3	4	5
•	•	•	4	•
•	3	3	4	5

Puzzle 3

3 points

1	2	2	•	2
•	1	•	1	2
1	(2)	1	2	•
2	•	•	1	2
1	2	2	•	1

Puzzle 4

7 points

1	•	1	•	•
2	1	2	2	1
2	•	1	•	2
•	1	2	1	2
1	(2)	•	•	1

Puzzle 5

4 points

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

Puzzle 6

4 points

3	•	•			2	
2	2	•			2	
•	3	•			4	4
2	2	•		•	•	4
3	•	•		•	1	4
8				•	•	1
8	8	8	8	8	8	8

Puzzle 7

7 points

4	o	4	o	4	4		
4	o	4	o		4		
4	o	4	o		4	3	
4	o	4	o			3	
6	6	6	6	6	6	3	
5			5	o	3	o	o
5			5	X	3	3	o
5				o	o	o	o

An X in a cell means that no number can be placed there

Puzzle 8

4 points

8	8	8	o	8	8	8	o
8	o	8	o	8	o	8	4
8	8	8	o	8	8	8	o
5		5	3	12		12	4
5	5	5		12	12	12	
7	o	7	3	12		12	4
7		7		12	12	12	
7	7	7	3	12		12	4

Puzzle 9

4 points

							0
	3	3	5	5	5	5	0
	3		X			5	0
	2		0	0	0	1	5
	2		0	0	0	0	5
	4		0	0	0	0	5
	4		0	0	0	0	5
	4	4	1	0	0	0	5

Puzzle 10

5 points

1	0	0	1	5	0	5	1
2	2	0	0	5	0	5	0
1	0	0	5	5	0	5	0
5	0	5	0	5	0	5	(4)
5	5	5	2	2	5	0	(4)
0	1	0	0	0	0	0	(4)
3	(3)	(3)	(1)	3	3	3	(4)
2	0	2	0	0	0	0	0

Puzzle 11

5 points

2	.	.	2	5	.	1	.
5	.	.	5	.	5	4	4
5	.	5	5	.	5	.	4
5	5	.	5	.	5	.	4
5	.	4	5	.	5	.	5
4	4	4	.	3	.	5	5
.	.	2	3	3	5	5	.
.	2	3	.	.	.	3	3

Puzzle 12

8 points

4	.	4	4	4	8	8	8
4	4	1	.	.	8	.	8
4	.	.	.	.	.	1	8
.	.	.	(3)	(3)	4	.	8
1	.	.	(3)	.	(3)	.	8
(7)	.	.	(7)	.	(3)	.	(3)
(7)	.	1	(7)	.	(3)	.	(3)
(7)	(7)	(7)	.	.	1	(3)	1

This puzzle was amended after the competition to make it solve uniquely

Puzzle 13

7 points

•	2	2	1	6	6	2	2
•	1	•	•	1	•	1	•
2	2	•	1	6	•	2	1
•	1	•	•	1	•	2	•
2	2	•	1	6	•	1	•
1	•	•	•	1	•	2	2
2	•	•	1	6	•	1	•
2	1	•	•	1	•	6	1

This puzzle was amended after the competition to make it solve uniquely

When you have completed as many puzzles as you can, email a list of your puzzle times and answer keys to adam@ukpuzzles.org . For the example below you would say:

Example Puzzle - 23 seconds - 212122

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