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Beginners Round 3 - 10th to 13th December 2021

Snake

Puzzles by Adam Bissett

Locate a snake (a 1-cell wide path) of unknown length in the grid, whose head and tail are given. The snake does not touch itself, even diagonally. Numbers outside the grid indicate the number of snake cells in that row/column.

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

Puzzle 1
1 point

			2	
4	•	S	S	S
	S		•	S
	O		•	S
			•	S
			O	S

Puzzle 2
1 point

			4	
	S	S	S	S
	S			S
	S		O	S
4	S	S	S	O

Puzzle 3
2 points

			2	
2		O	S	
3			S	S
				S
3	O	S		S
	S	S	S	S

Puzzle 4
1 point

		2	2	
	S	S	S	O
3	S		O	S
	S			S
	S		S	S
	S	S	S	

Puzzle 5
1 point

			O	
3	O		S	S
	S		S	
3	S	S	S	

Puzzle 6
1 point

	2	2		
	S	S	S	
3	S	.	S	O
	S	.	.	
	S	O	.	
	.	.	.	

Puzzle 7
9 points

	4		2		5		
3	S	S	S	.	.	.	.
	S		O	.	S	S	S
3	S	.	.	.	S	.	S
	S		.	S	S	.	S
4	S	.	S	S	.	.	S
	S	S	S	.		S	S
				.		O	.

Puzzle 8
7 points

			5	3	4	4	5
	O	.	S	S	S	S	.
	S	S	S	.	.	S	S
	.	.	.	.	.	.	S
4	.	.	S	S	S	.	S
6	S	S	S	.	S	S	S
	S		.	.	.	.	.
	S	S	S	S	S	S	O

Puzzle 9
3 points

		3				5	
3				S	S	S	.
				S		S	.
4	S	O		S	.	O	.
	S			S	.	.	.
6	S	S		S	S	S	S
		S					S
		S	S	S	S	S	S

Puzzle 10
6 points

	5		2			6			4
3	.	.	.	.	.	S	S	O	.
	.	.	.	.	.	S	.	.	.
3	.	.	.	.	.	S	S	S	.
3	.	S	O	.	.	.	.	S	.
	S	S	.	.	.	.	.	S	S
5	S	.	.	S	S	S	.		S
	S	.	.	S		S		.	S
	S	.	.	S		S	S	S	S
	S	S	S	S					

Puzzle 11
7 points

		4	4			5		7
4				S	S	S	S	
			O	S			S	S
1								S
		S	S	S	S	S		S
4		S					S	S
	S	S						
	S						O	S
6	S		S	S	S	S		S
7	S	S	S			S	S	S

Puzzle 12
11 points

		5	5	4	4		1		6
5		S	S	S	S	S			
	S	S				S		O	
	S					S		S	S
5	S		S	O		S			S
6	S	S	S			S		S	S
					S	S		S	
	S	S	S	S	S			S	S
	S								S
9	S	S	S	S	S	S	S	S	S

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 - 624123 (note the head and tail count)

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