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Advanced Round 1 - 3rd to 4th December 2022

Doppelblock and Star Battle (Doppelblock booklet)

Puzzles by Adam Bissett

Please see the Instruction Booklet for detailed instructions

Time your efforts for each puzzle separately. Then submit your time for each puzzle, and, for Doppelblock, the contents of each marked row, and for Star Battle, the column of the first star, as the "answer key"

Puzzle 1

2 points

Regions

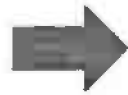
Doppelblock

{1,2,3,4}



	5	5	8		8	3
5	①	×	②	③	×	④
	④	③	×	②	①	×
6	×	②	④	×	③	①
1	③	×	①	×	④	②
	②	①	③	④	×	×
4	×	④	×	①	2	③

Puzzle 2
5 points
Liar
Doppelblock
{1,2,3,4}



	4	5	9	4	6	6
	(4)	(1)	X	(2)	X	(3)
	X	X	3	(1)	(4)	(2)
0	(3)	(4)	(2)	X	(1)	X
3	(2)	X	(1)	(3)	X	(4)
7	X	(2)	(4)	X	(3)	(1)
	(1)	(3)	X	(4)	(2)	X

Puzzle 3
6 points
Trebleblock
{1,2,3,4}



	1,2	6		4,4		
5,4	X	(3)	(2)	X	(4)	X
	(1)	X	X	(4)	X	3
	X	1	3	X	X	2
8	(2)	X	4	(1)	(3)	X
4,6	X	(4)	X	(3)	(2)	(1)
5	(3)	2	X	X	1	4
	(4)	X	1	2	X	X

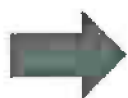
Puzzle 4
5 points
Different Set
Doppelblock →
{-2,-1,1,2}

		3	3	2		-2
3	(-1)	(-2)	X	1	2	X
	X	X	(2)	-2	-1	(1)
2	X	(2)	(1)	-1	X	-2
0	(2)	(1)	X	X	(-2)	(-1)
2	-2	X	(-1)	(2)	1	X
0	1	(-1)	(-2)	X	X	2

Puzzle 5
4 points
Different Set
Doppelblock →
{0,1,2,3}

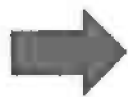
	1	3		0	3	6
1	(3)	(0)	(2)	X	(1)	X
5	X	(2)	(3)	(0)	X	(1)
	(1)	X	(0)	X	(3)	(2)
6	X	(3)	(1)	(2)	X	(0)
	(2)	X	X	(1)	(0)	(3)
5	(0)	(1)	X	(3)	(2)	X

Puzzle 6
8 points
Classic
Doppelblock
{1,2,3,4}



	6			1	
	(4)	X	(2)	X	(1) 3
6	X	(2)	(3)	1	X 4
2	(3)	4	(1)	X	(2) X
6	(1)	(3)	X	(2)	(4) X
7	2	X	(4)	(3)	X 1
1	X	1	X	(4)	(3) (2)

Puzzle 7
12 points
Products
Doppelblock
{1,2,3,4}



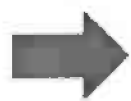
	4	12	12		1
4	(3)	2	(1)	X 4	4 X
	X	X	(2)	4	3 1
	4	(3)	X	1	2 X
12	X	(4)	(3)	X	1 (2)
8	(1)	X	(4)	(2)	X 3
3	(2)	(1)	X	3	X 4

Puzzle 8
13 points
Classic
Doppelblock
{1,2,3,4}



	4		6	7	8	
4	X	1	(3)	X	(2)	(4)
	(4)	2	(1)	(3)	X	X
3	X	3	X	(4)	(1)	(2)
2	(3)	X	(2)	X	(4)	(1)
	1	X	(4)	(2)	3	X
1	2	(4)	X	(1)	X	(3)

Puzzle 9
4 points
Classic
Doppelblock
{1,2,3,4}



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

Puzzle 10
 11 points
 Japanese Sums
 (1-7)



	8	3,7,3	19	1,9	6,6	12,5	1,25
	23	2,3	9,6	11,8	1,18		

When you have completed as many puzzles as you can, email a list of your puzzle times and answer keys to adam@ukpuzzles.org (giving both clues and your answers). For the examples below you would say: Example Doppelblock - 23 seconds - 21X3X, Example Star Battle - 2m23 - 615152424



		4		6		
3		X	2	1	X	3
		X	X	3	1	2
3		2	1	X	3	X
2		1	3	X	2	X
2		3	X	2	X	1

					S	S
S		S				
			S		S	
S		S				
	S		S		S	S
	S			S		S
		S	S			