

WPFSUDOKUGP 2014 COMPETITION **BOOKLET**



Puzzle authors: India Prasanna Seshadri

Organised by

UC7214 World Puzzle Federation







2 Classic Sudoku (21 points)

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and outlined 3×3 region.

Answer Key: Enter the 3rd row of digits, followed by the 9th row of digits.

				_					
	5	3	1					9	
	7							1	4
	9		6						
	8	6	4		1	2			
					4	3			
					5		┓	4	6
					6		4		2
	6	8			7				1
2₿→		7							3









3 Classic Sudoku (24 points) Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and outlined 3×3 region.	2	4	9 8	4	1 9			7
Answer Key: Enter the 2 nd row of digits, followed by the 5 th row of digits.	1				4	6	8	
		3	4	6				5
				5			6	3
				3		4		
	7				2	8		

4 Classic Sudoku (42 points)

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and outlined 3×3 region.

Answer Key: Enter the 3rd row of digits, followed by the 8th row of digits.











5 Classic Sudoku (57 points)			7		5				
Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column		8				2			6
and outlined 3×3 region.	9			7					
Answer Key: Enter the 3 rd row of		7		5		6		9	3
digits, followed by the 9 th row of digits.			1				2		
	3	2		8		9		5	
						7			9
	8			3				2	
5B					4		3		
6 Irregular Sudoku (24 points)	9								
									8
Additionally, instead of 3×3 regions, 6A			7	4		8			8
Additionally, instead of 3×3 regions, 6A the regions have irregular shapes.		9	7 6	4		8 4	3		8
Additionally, instead of 3×3 regions, 6A the regions have irregular shapes.		9 8	7 6	4		8 4	3 6	5	8
Additionally, instead of 3×3 regions, 6A the regions have irregular shapes.		9 8	7 6	4	7	8	3 6	5	8
Additionally, instead of 3×3 regions, 6A the regions have irregular shapes. Answer Key: Enter the 2 nd row of digits, followed by the 6 th row of digits.		9 8 1	7 6 4	4	7	8	3	5	8
Additionally, instead of 3×3 regions, 6A the regions have irregular shapes. Answer Key: Enter the 2 nd row of digits, followed by the 6 th row of digits.		9 8 1	7 6 4 5	4	7	8	3 6 4	5 6 3	8
Additionally, instead of 3×3 regions, the regions have irregular shapes. Answer Key: Enter the 2 nd row of digits, followed by the 6 th row of digits.		9 8 1	7 6 4 5	4 6 9	7	8 4 2	3 6 4 5	5 6 3	8









7 Anti-Knight Sudoku

(39 points)

Apply Classic Sudoku rules. Additionally, no two identical digits can be a chess knight's move away from each other (as shown in the diagram).

	×		×	
x				×
		1		
×				×
	×		×	

Answer Key: Enter the 3rd row of digits, followed by the 9th row of digits.

	5	2		6	3		1	9
		7			5			4
			2	1				
				4				
	8	9						
		4				1	6	
							7	
B								

8 Consecutive Sudoku (39 points)

Apply Classic Sudoku rules. Additionally, if a gray bar is given between two adjacent cells, then the two numbers in those cells must be consecutive. If a gray bar is not given, the two digits cannot be consecutive.

Answer Key: Enter the 6th row of digits, followed by the 7th row of digits.









7

3

4

10 Killer Sudoku (87 points)

9 Thermo-Sudoku (63 points)

Apply

bulb.

digits.

Classic

Apply Classic Sudoku rules. Additionally, the sum of the digits in each cage must equal the value given in the upper-left corner of that cage. Digits cannot repeat inside a cage.

Answer Key: Enter the 5th row of digits, followed by the 7th row of digits.









12 Palindrome Sudoku (42 points)

Apply Classic Sudoku rules. Additionally, the numbers formed by the digits on the gray lines are palindromes meaning they can be read equally in both directions.

Answer Key: Enter the 4th row of digits, followed by the 8th row of digits.







13A

13B

13 Repeated Neighbors Sudoku (54 points)

Classic Apply Sudoku rules. Additionally, **all** cells having the same digit(s) more than once as orthogonal neighbors are shaded. (If a cell is not shaded, it cannot have any digits repeated as orthogonal neighbors.)

Answer Key: Enter the 1st row of digits, followed by the 7th row of digits.

6								
1		5			2		7	
	2					5	1	
				5				6
			2	7	8			
	5			6				
		2					6	
	7	3				8		
			4				2	5

14 Point to Next Sudoku (57 points)

Apply Classic Sudoku rules. Additionally, if a digit N is placed in a cell containing an arrow, then the digit N+1 must be placed in a cell pointed at by the arrow.

Answer Key: Enter the 6th row of digits, followed by the 7th row of digits.





