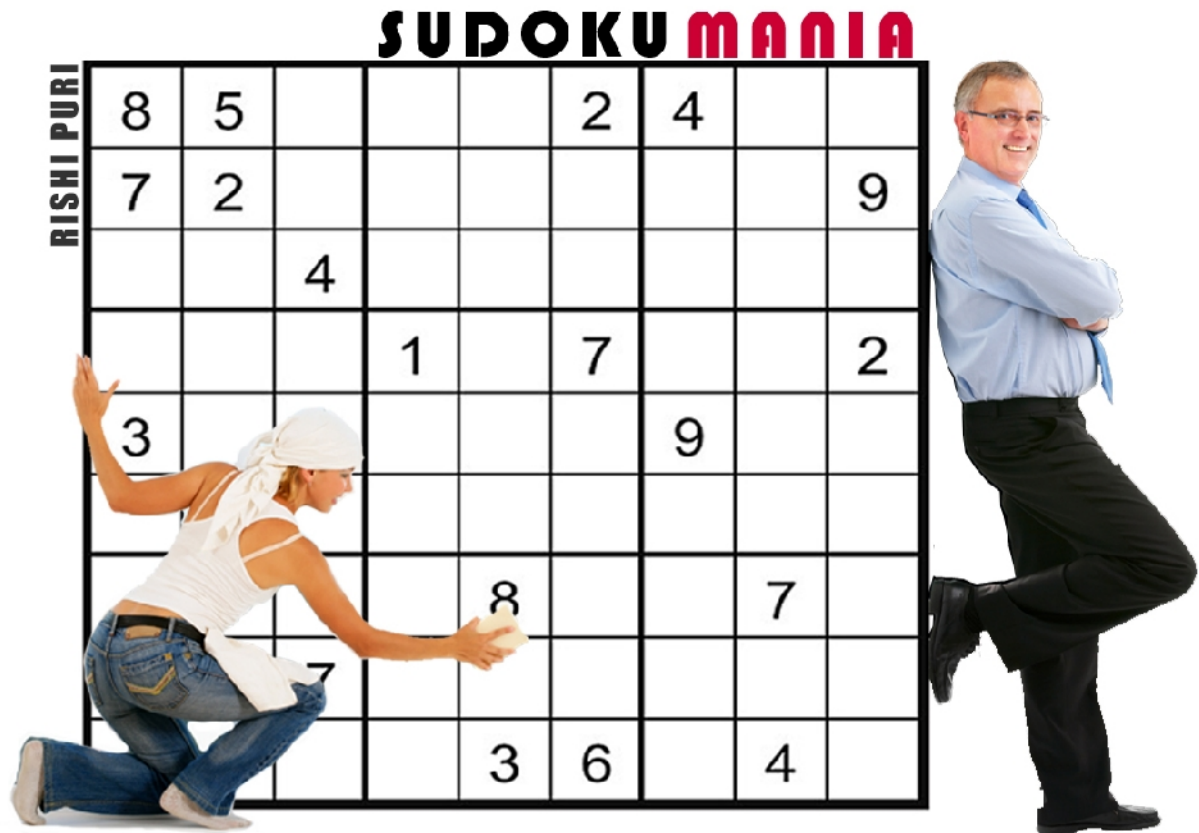


UKPA Presents



March 12 – 13, 2011

INSTRUCTION BOOKLET

This contest deals with Sudoku and its variants.

The Puzzle types are:

No.	Puzzle	Points
1	ChessDoku	20
2	PanDigital Difference	25
3	Sequence Sudoku	25
4	Kropki	35
5	Inequality - Diagonal	40
6	Classic	40
7	Consecutive	45
8	Non-Consecutive	60
9	Argyle	70
10	Jigsaw	70
11	Anti-Knight	80
12	Killer	90
	Total	600

Bonus Points

Puzzles Solved Correctly	Bonus
10	1xMins Saved
11	3xMins Saved
12	5xMins Saved

Test solving

Thanks to **Gaurav Korde** for test solving all puzzles.

Important Points for the test.

- Test duration is for 120 minutes.
- All grids are 9x9 Sudokus.
- The grids are placed in order of their points.
- No kind of outside help of solvers is to be used.
- The Answer key will be either 2 rows or 2 columns or a combination of row and column.
- The Puzzle Booklet will be available for Download 3 days before the test.
- While the test is on for the 2 days, kindly refrain from discussing puzzle specific questions and topics in the forum.
- All Puzzles will have the answer key marked by arrows.
- If anyone has a specific issue or question regarding any puzzle they can mail the Organisers or me (purifire15@gmail.com) during the test or leave a personal message for us at the forum.
- The contest is being held at the UKPA website. You can visit the page <http://www.ukpuzzles.org/contests.php?contestid=3>

Instructions and Examples

ChessDoku.

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 6, a King, a Queen and a Knight (Chessmen). No King can attack another King, no Queen can attack another queen and no knight can attack another knight.

						3		
	4	5						6
			2			4	1	
4				1				
	2					5	4	
				4	5			2
	6	1						4
			6			1	5	
	3	4						

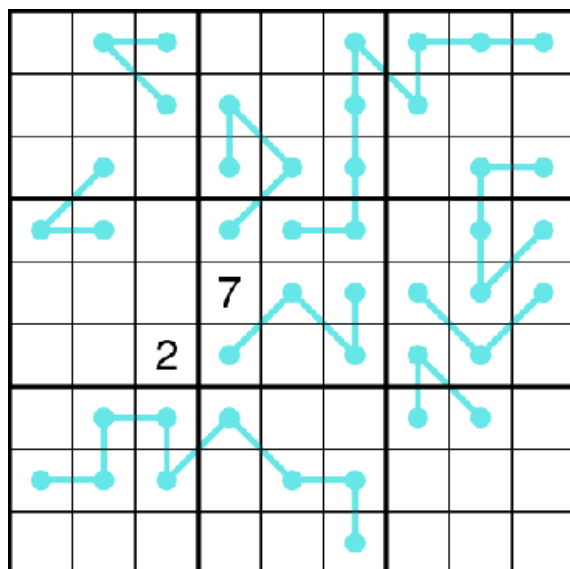
Pandigital

Fill in the grid so that every row, column, and irregular shaped regions contain the digits 1 through 9. In marked 3x3 boxes, the three digit number in the third row is the result of the three digit number in first row minus the three digit number in the second row.

⁰				6		⁰		
		8	3	5	4	6		
	1						5	
	3		⁰				6	
	2						8	
	5						2	
⁰	4					⁰	3	
		3	4	7	8	5		
				3				

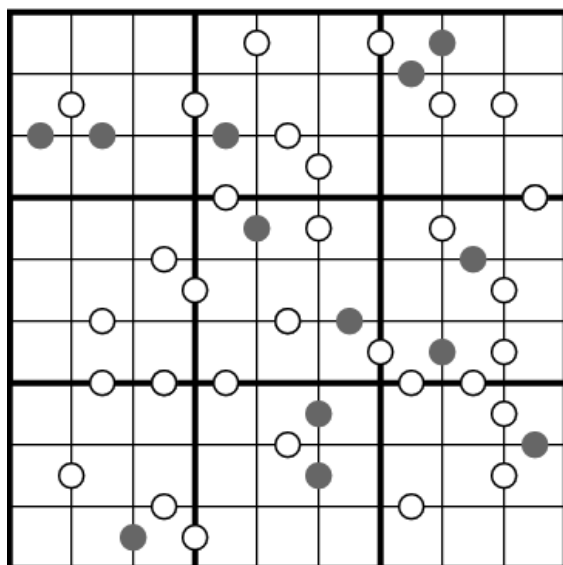
Sequence Sudoku

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9. Additionally, Marked lines indicate that numbers along the line are in arithmetic progression. The difference between the numbers along the line is always constant.



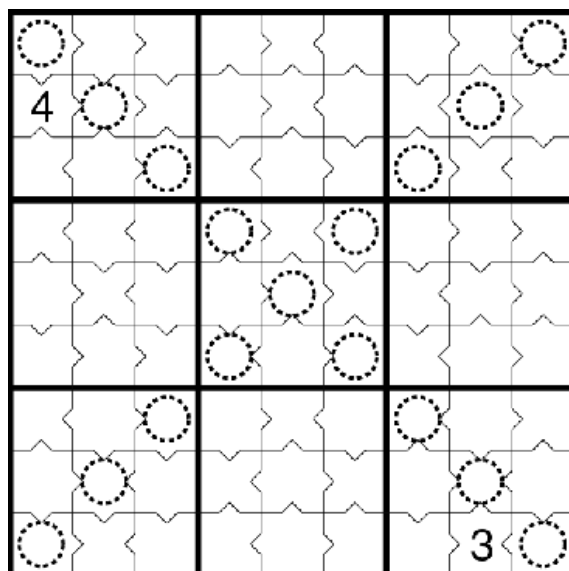
Kropki Sudoku

Fill in the grid so that every row, column, and every irregular region contains the digits 1 through 9. If the absolute difference between two digits in neighboring cells equals 1, then they're separated by a white dot. If the digit in a cell is half of the digit in a neighboring cell, then they're separated by a black dot. The dot staying between '1' and '2' can have any of these dots



Inequality Diagonal

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9. Digits in a box are governed by the mathematical symbol of greater than and less than. Additionally the two main diagonals have unique digits 1 to 9 and no number is repeated.



Classic Sudoku

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9.

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

Consecutive Sudoku

Fill in the grid so that every row, column, and every irregular region contains the digits 1 through 9. Adjacent cells having consecutive numbers are marked by a bold line. Numbers cannot be consecutive if no bold line exists.

		4						
					4			
								6
	4							
				7				
9							1	
			4					
					4			

Non-Consecutive Sudoku

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9. Adjacent cells cannot contain consecutive numbers.

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

Argyle Sudoku

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9. All marked diagonals contain different digits and no number can repeat on marked diagonals.

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

Jigsaw Sudoku

Fill in the grid so that every row, column, and every outlined region contains digits 1 to 9.

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

Anti Knight Sudoku

Fill in the grid so that every row, column, and 3x3 box contains digits 1 to 9. A number cannot repeat at a cell which is at a knight's step as in Chess.

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

Killer Sudoku

Fill in the grid so that every row, column, and 3x3 box contains digits 1 to 9. Numbers on the top left corner of the cages denotes the sum of the digits inside the cages. No number can repeat inside a cage.

11			30			4			11		26		
6			9				11						
10								29			7		
13		11	12								17		3
			30										
5		28	16					11		25			
										7			
16							11			9	11		10
			7				9						