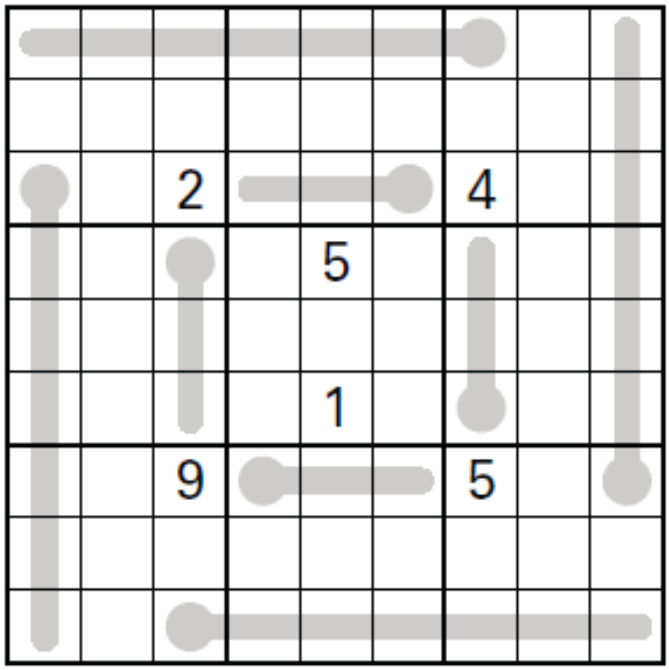
UKPA Open Tournament
8th March, 2026
Sudoku Round 3
Puzzles by Mr Menace

	Puzzle	Points
1	Thermometer Sudoku	28
2	Ten Lines Sudoku	24
3	Diagonal Sudoku	60
4	Coded Sudoku	67
5	Renban Sudoku	120
6	Mathrax Sudoku	96
	Total	

Time: 45 minutes.

1 Thermometer Sudoku (28)

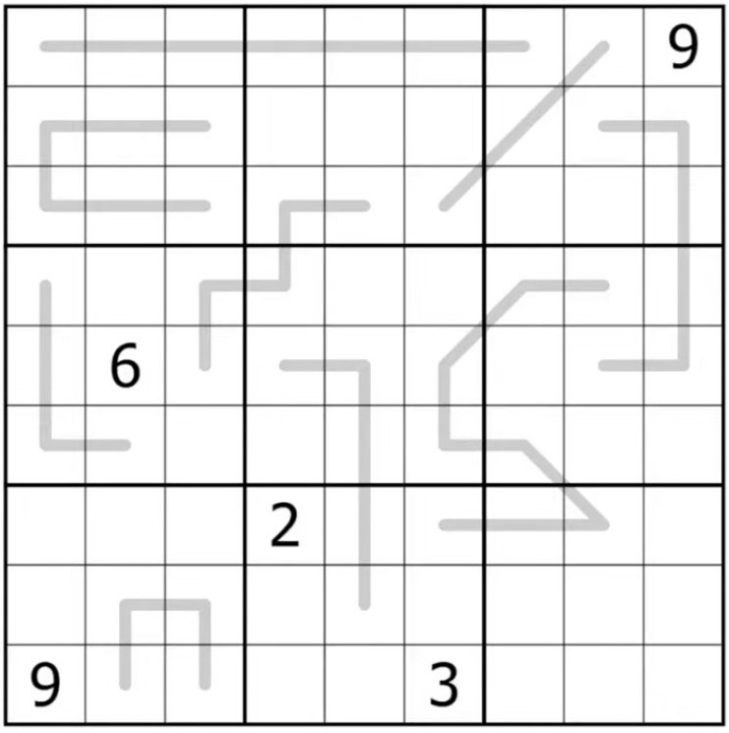
Standard Sudoku rules apply.
Additionally, starting at the “bulb,” numbers placed along each marked thermometer must form an increasing sequence.

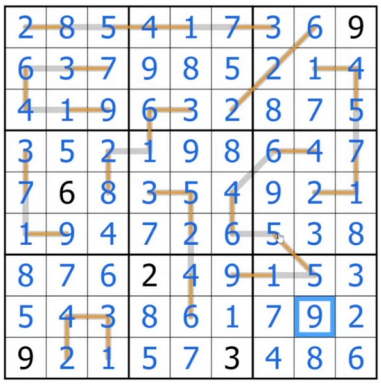


9	8	6	5	4	2	1	3	7
3	5	4	7	8	1	2	9	6
1	7	2	9	6	3	4	8	5
2	6	3	8	5	7	9	1	4
4	1	7	6	2	9	8	5	3
5	9	8	3	1	4	7	6	2
6	3	9	4	7	8	5	2	1
7	2	5	1	9	6	3	4	8
8	4	1	2	3	5	6	7	9

2 Ten Lines Sudoku (24)

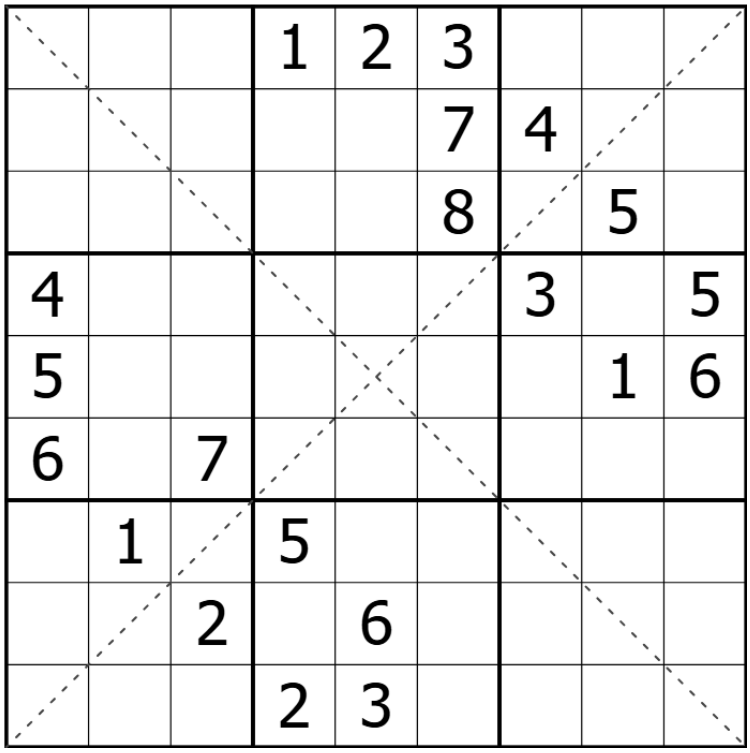
Standard Sudoku rules apply.
Additionally, along each of the lines groups of adjacent cells sum to 10. There may be just one group on the line or multiple groups. All cells on the line must be used by a group and groups may not overlap. Example by Zetamath and Friends - https://www.youtube.com/watch?v=juPAoraWpFQ





3 Diagonal Sudoku (60)

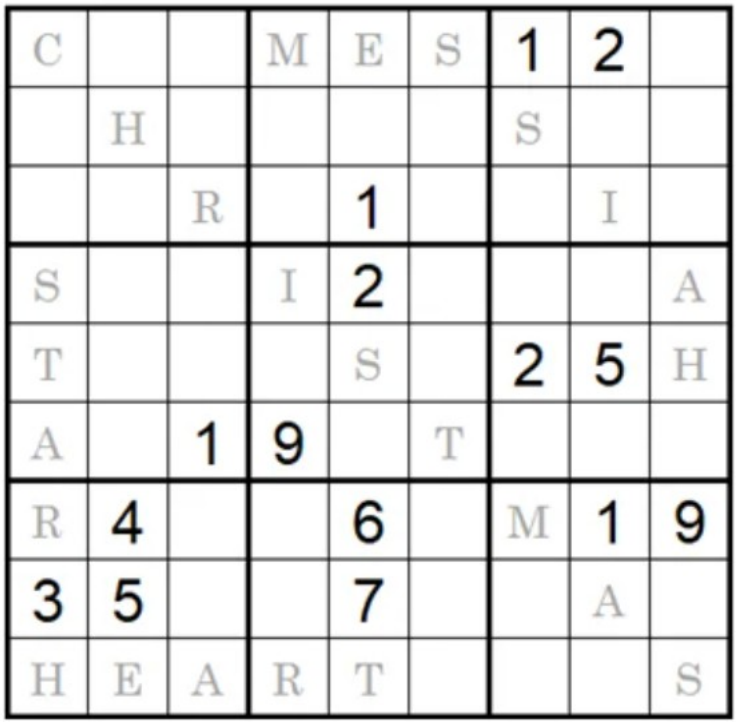
Standard Sudoku rules apply.
Additionally, the numbers 1-9 must be placed in the marked diagonals.



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

4 Coded Sudoku (67)

Standard Sudoku rules apply.
Additionally, all instances of the same letter correspond to the same digit. Different letters correspond to different digits.
Example by PHPuzzler on Reddit.

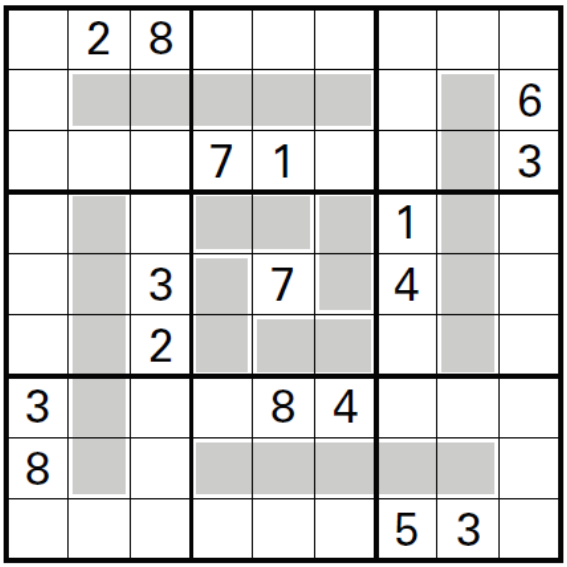


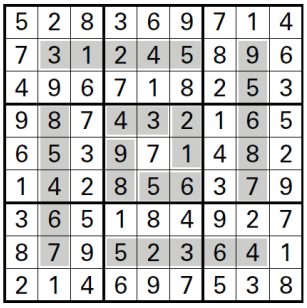
C			M	E	S	1	2	
	H					S		
		R		1			I	
S			I	2				A
T				S		2	5	H
A		1	9		T			
R	4			6		M	1	9
3	5			7			A	
H	E	A	R	T				S

Apologies no solution – I haven't had chance to solve it. If someone solves it and provides me a solution, I'll add it.

5 Renban Sudoku (120)

Standard Sudoku rules apply.
Additionally, the numbers placed in each shaded region must form a consecutive, non-repeating set.
NB: The shaded regions in the puzzle will include cells that touch on a diagonal.
Coded





6 Mathrax Sudoku (96)

Standard Sudoku rules apply.
Additionally, some intersections are marked by a number and an operator (+, -, x, /) in a circle. The number is the result of the operation, applied to both pairs of diagonally opposite cells. An “E” or “O” in the circle indicates that all four adjacent digits are even or odd respectively.

