

Round 2: Variants I

Name: _____

Division: Beginner / Experienced

50 Minutes – 875 Points

2.1	1-5-9 Sudoku.....	40 Points
2.2	Numbered Rooms Sudoku.....	50 Points
2.3	Basement Skyscraper Sudoku.....	75 Points
2.4	Killer Sudoku.....	60 Points
2.5	Weighted Killer Sudoku.....	100 Points
2.6	Cloned Shapes Sudoku.....	50 Points
2.7	Extra Regions Sudoku.....	25 Points
2.8	Clone or Extra Regions Sudoku.....	50 Points
2.9	Fortress Sudoku.....	70 Points_
2.10	Quadruple Sudoku.....	50 Points
2.11	Consecutive Pairs Sudoku.....	40 Points
2.12	Diagonal Sudoku.....	75 Points
2.13	Renban Sudoku.....	65 Points
2.14	Thermo Sudoku.....	50 Points_
2.15	Thermo Sudoku.....	75 Points

1-5-9 Sudoku

40 points

Rules: Apply Classic Sudoku rules. Digits in the first column indicate in which column digit 1 is placed in the respective row. Digits in the fifth column indicate in which column digit 5 is placed in the respective row. Digits in the ninth column indicate in which column digit 9 is placed in the respective row.

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

Numbered Rooms Sudoku

Rules: Apply Classic Sudoku rules. Clues outside the grid indicate the digit which has to be placed in the Nth cell in the corresponding direction, where N is the digit placed in the first cell in that direction.

50 points

6 3 9

2 1 3 5 6

4 3 5 7 4

9 1 3

6 5 7 9 6

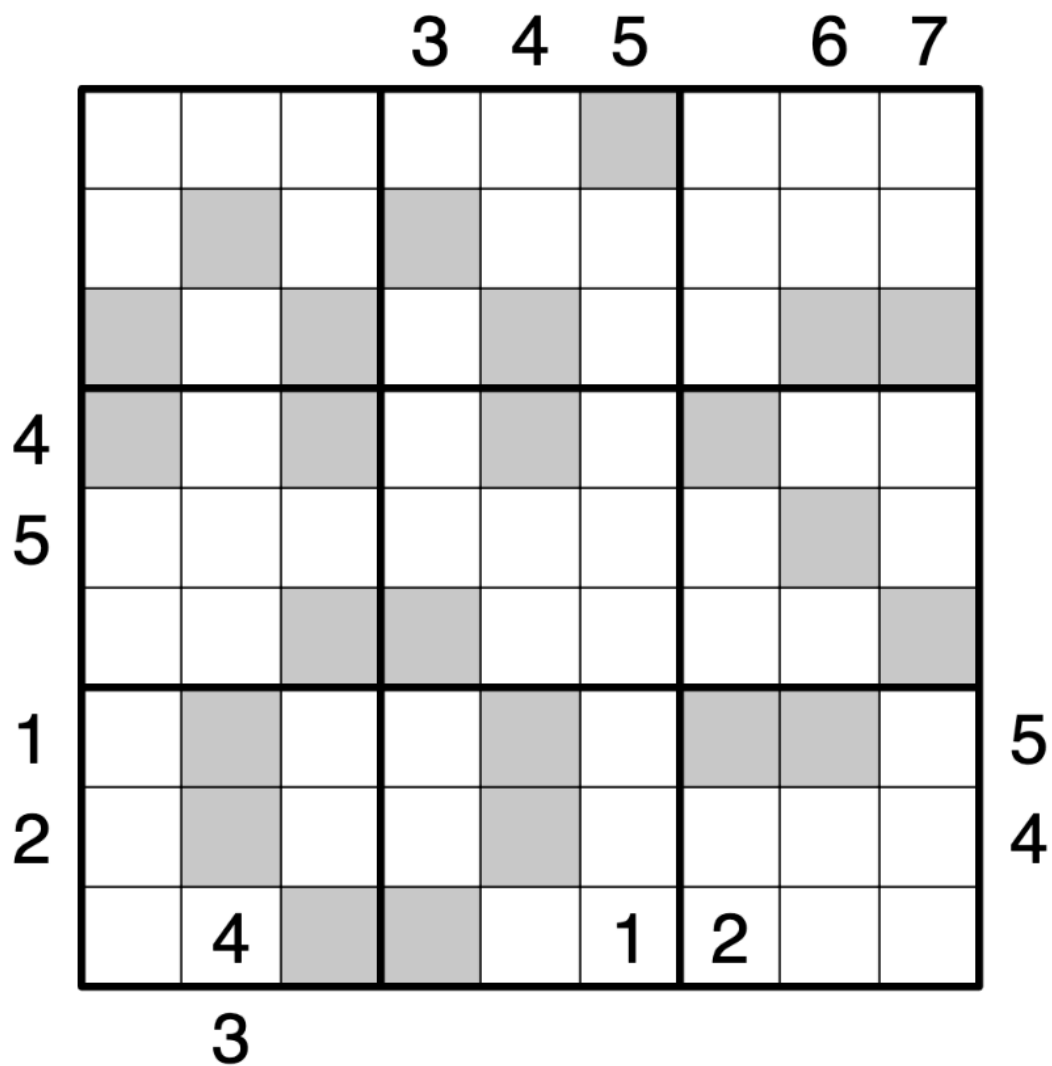
8 7 9 1 8

7 8 5

Basement Skyscraper Sudoku

75 points

Rules: Apply Classic Sudoku rules. Each digit represents the height of a building. The clues outside the grid indicate the number of buildings visible from the corresponding direction. A taller building will hide any shorter buildings behind it. Additionally, digits in shaded cells are counted as height 0 and invisible to clue counts.



Killer Sudoku

60 points

Rules: Apply Classic Sudoku rules. The number at the top-left corner of each cage equals the sum of digits inside the cage. Digits do not repeat inside a cage.

12						9		
1	2		13					
			1	3		14		
	15					1	4	
	1	5		12				
				1	2		18	
		13					1	8
		1	3		12			
9					1	2		

Weighted Killer Sudoku

100 points

Rules: Apply Killer Sudoku rules. Additionally, digits in shaded cells are considered to be doubled in value for clue counts.

		25			17			9
				11			8	
20			17			7	15	
					6			
	29			5	9			
20			4	33	7			13
		3						
	2	19				30		
1								

Cloned Shapes Sudoku

50 points

Rules: Apply Classic Sudoku rules. Each shape is cloned, including the digits it contains, without rotating and mirroring. The position of the digits inside each shape is fixed – the same digits have to be placed at the same positions inside the identical shapes. A digit may appear more than once in a shape.

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

Extra Regions Sudoku

25 points

Rules: Apply Classic sudoku rules. The same-colored shaded cell group(s) contain(s) each digit from 1 to 9.

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

Clone or Extra Region Sudoku

50 points

Rules: Apply Classic Sudoku rules. Four 9-cell regions will be shaded. Two of them are clones, and the other two are extra regions. Clones are identical without rotation or reflection. Extra regions contain all of the digits 1-9 once each. A region may or may not qualify as both a clone and an extra region.

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

Fortress Sudoku

70 points

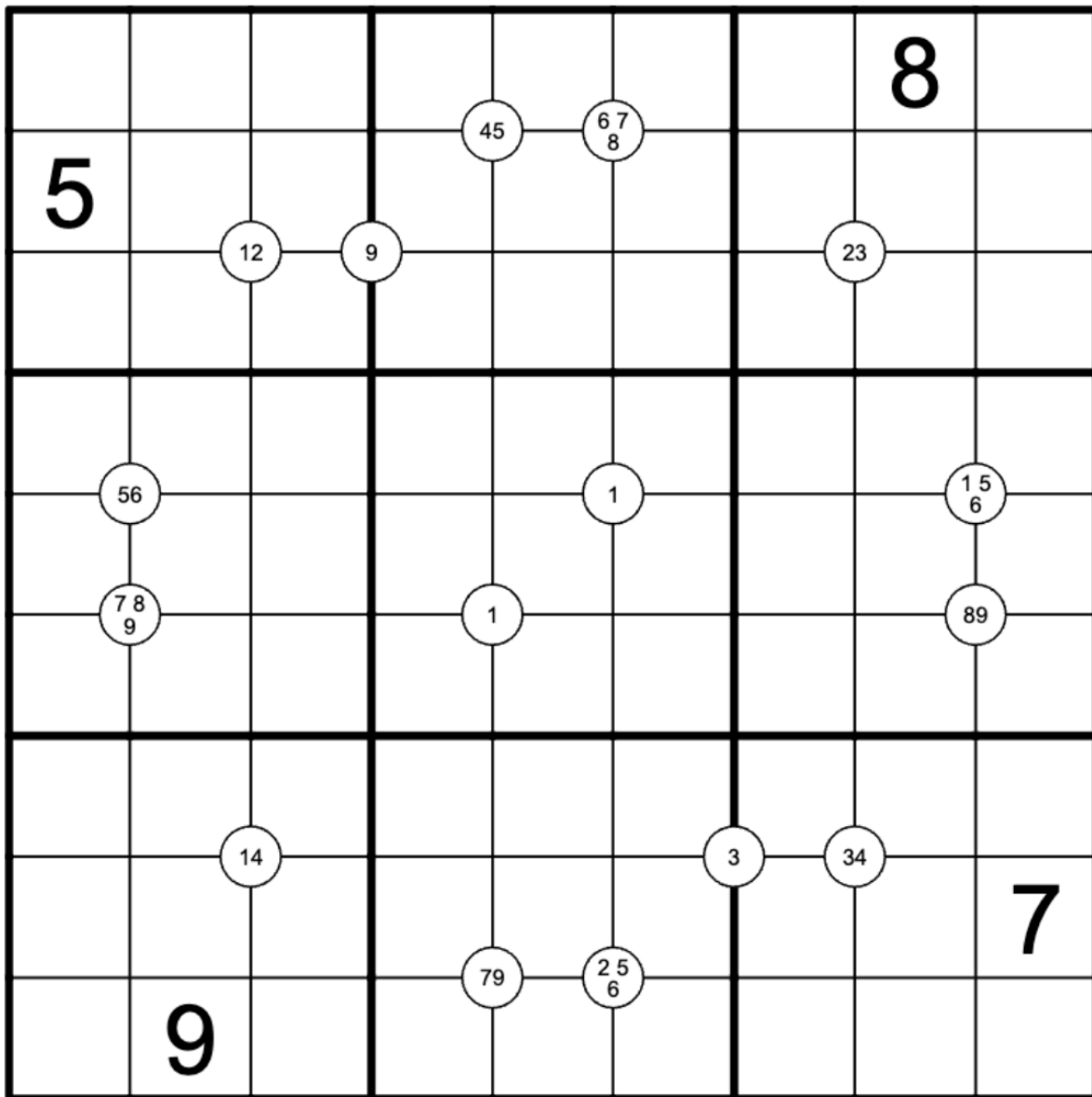
Rules: Apply Classic Sudoku rules. A digit placed in a shaded cell must be strictly greater than digits placed in orthogonally adjacent unshaded cells.

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

Quadruple Sudoku

50 points

Rules: Apply Classic sudoku rules. Digits in the white circles must appear somewhere in the four cells immediately surrounding their circle.



Consecutive Pairs Sudoku

40 points

Rules: Apply Classic Sudoku rules. If a circle is given between two adjacent cells, then the digits in those cells must be consecutive. Not all circles are given.

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

Diagonal Sudoku

75 points

Rules: Apply Classic Sudoku rules. Each marked diagonal must also contain each digit from 1-9 exactly once.

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

Renban Sudoku

65 points

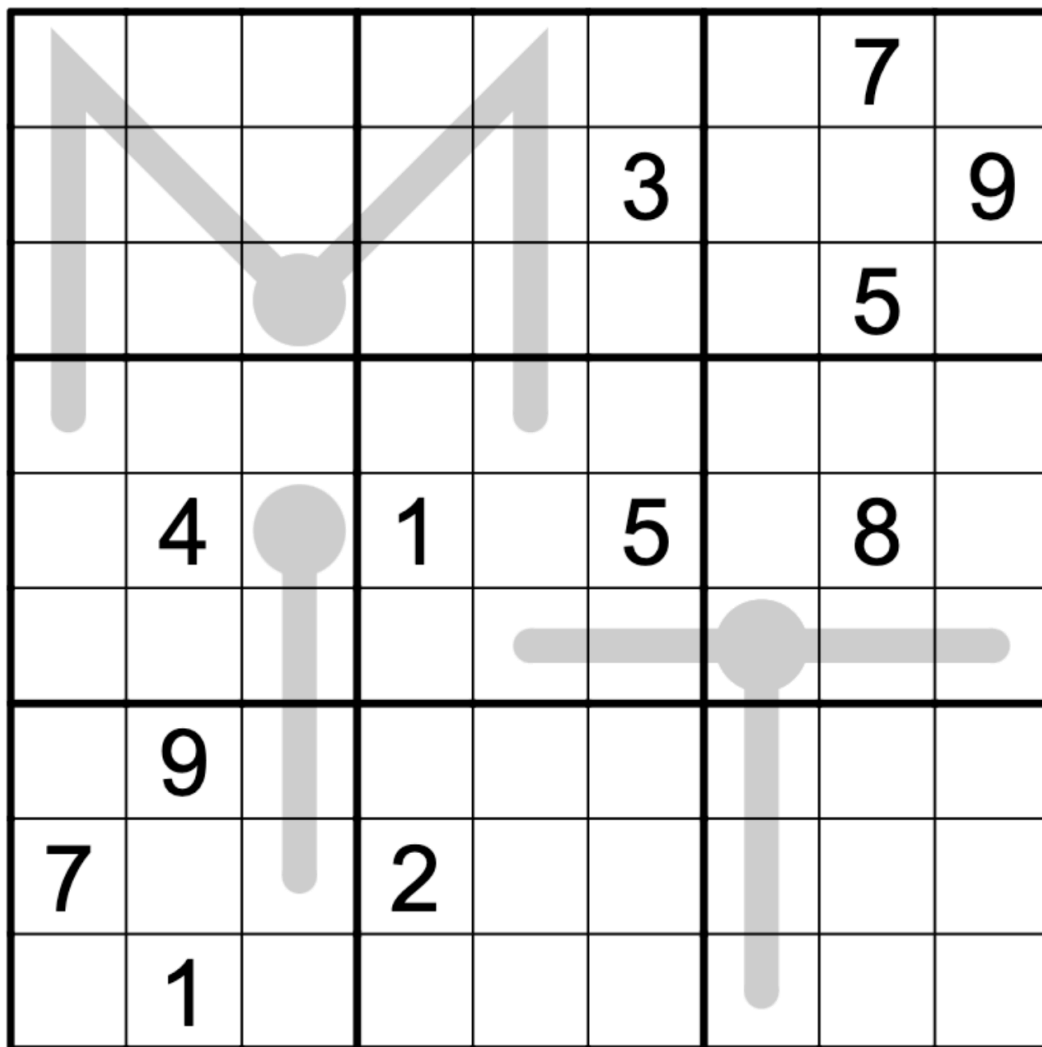
Rules: Apply Classic sudoku rules. Gray lines must contain a set of distinct, consecutive digits in any order.

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

Thermo Sudoku

50 points

Rules: Apply Classic sudoku rules. Some thermometer shapes are placed in the grid. Digits are strictly increasing from the round bulb of each thermometer to each flat end.



Thermo Sudoku

75 points

Rules: Apply Classic sudoku rules. Some thermometer shapes are placed in the grid. Digits are strictly increasing from the round bulb of each thermometer to each flat end.

