

NAME: \_\_\_\_\_ TEAM: \_\_\_\_\_

# SUper DOKUthalon

## 60 minutes

**5**th WORLD  
SUDOKU  
CHAMPIONSHIP  
PHILADELPHIA



Puzzle 1  
100m  
Classic Sudoku



Puzzle 6  
110m Hurdles  
Just One Cell Sudoku



Puzzle 2  
Long Jump  
Killer Sudoku



Puzzle 7  
Discus  
Diagonal Sudoku



Puzzle 3  
Shot Put  
0-9 Sudoku



Puzzle 8  
Pole Vault  
Digital Sudoku



Puzzle 4  
High Jump  
Consecutive Sudoku



Puzzle 9  
Javelin  
Irregular Sudoku



Puzzle 5  
400m  
Classic Sudoku



Puzzle 10  
1500m  
Classic Sudoku

Lead Sponsor

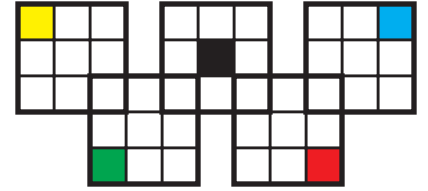
# The Philadelphia Inquirer





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Puzzle 1

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## Classic Sudoku

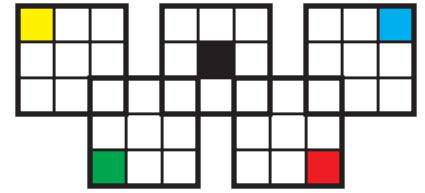
Place the digits 1 through 9 into the empty cells in the grid (a single digit per cell) so that each digit appears exactly once in each of the following regions: the nine rows, the nine columns, and the nine outlined 3×3 regions.

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



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Puzzle 2

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## Killer Sudoku

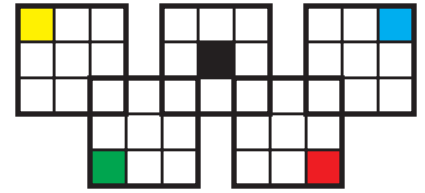
Follow Sudoku Rules. In addition, the digits in each region delineated by dotted lines must sum to the value given in that region. Digits can repeat within a caged region, provided they don't violate other sudoku rules.

7	21			14	12	9		13
		12				46		
14			13					
30				23				
						23		
46					29			
10			21			8	10	
				6			13	
	7				18			



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Puzzle 3

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### 0-9 Sudoku

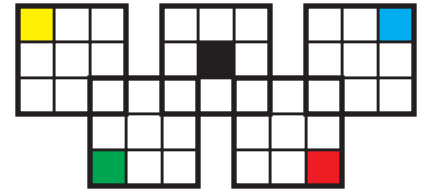
Follow Sudoku Rules, except that the ten numbers from 0-9 will be used instead of the nine numbers 1-9. Two numbers will go into each of the cells containing slashes (in any order).

		8	9/				5	
	7				4		/	1
6		/		3		4		
/5					3		4	
		2		/0		3		
	1		2					/6
		1		2		/		7
0	/		1				9	
	9				/6	5		



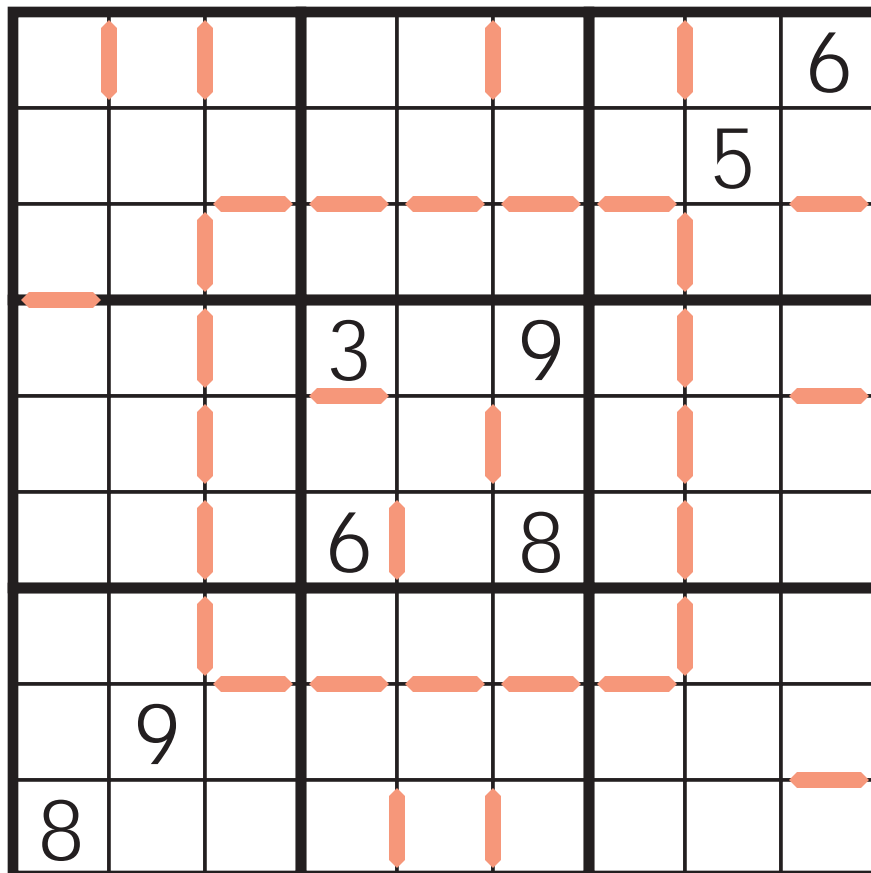
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## Consecutive Sudoku

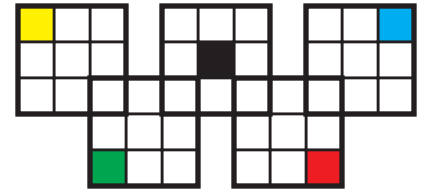
Follow Sudoku Rules. If a bar is given between two (orthogonally) adjacent cells, then the two numbers put in those cells must be consecutive (differing by one, such as 3 and 4). If a bar is not given, the two digits cannot be consecutive.





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Puzzle 5

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## Classic Sudoku

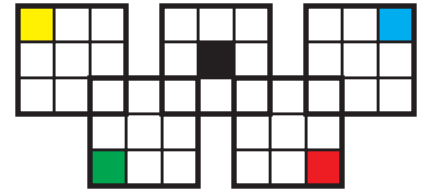
Place the digits 1 through 9 into the empty cells in the grid (a single digit per cell) so that each digit appears exactly once in each of the following regions: the nine rows, the nine columns, and the nine outlined 3×3 regions.

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



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Puzzle 6

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## Just One Cell Sudoku - Basic Study

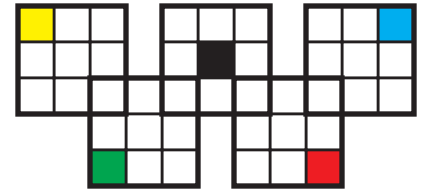
Follow Sudoku Rules. This puzzle has multiple solutions for the entire grid, but there is at least one empty cell that will contain the same digit for all solutions. You are to locate and clearly identify just one digit that can be placed into the grid with absolute certainty.

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



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## Diagonal Sudoku

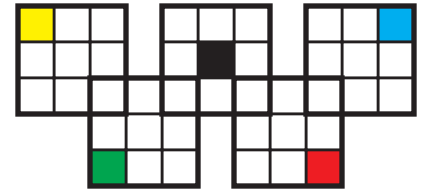
Follow Sudoku Rules. Additionally, the digits 1 to 9 appear exactly once in each of the two main diagonals.

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



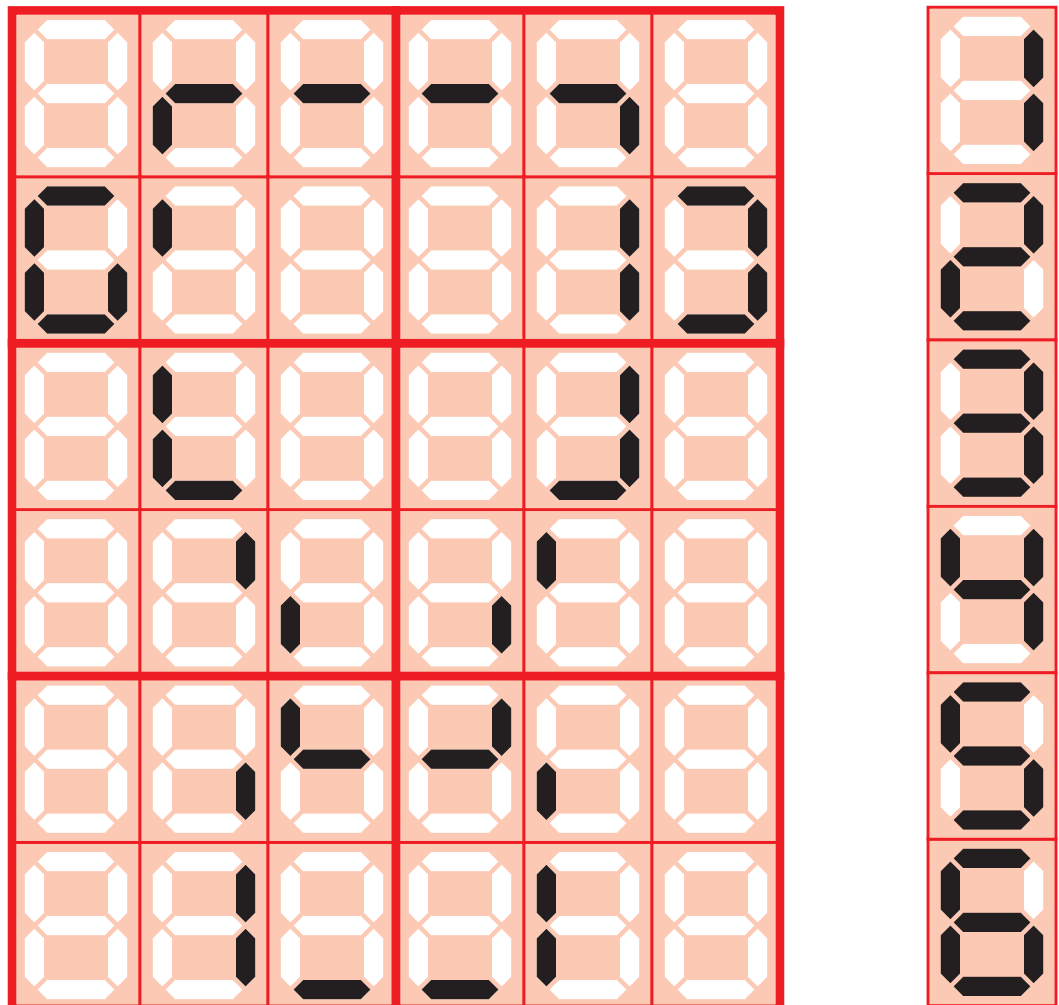
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Puzzle 8

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## Digital Sudoku

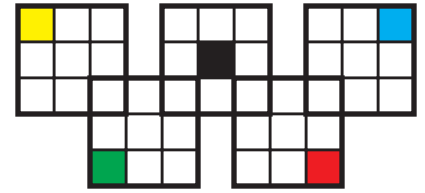
Follow Sudoku Rules, except the digits 1 to 6 appear in each row, column, and region. Clues are given in the form of lit segments of an LED. Only digits that contain those lit segments can appear in a given cell.





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Puzzle 9

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## Irregular Sudoku

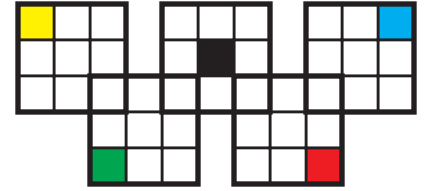
Follow Sudoku Rules, except the regions are not uniform 3×3 boxes but instead have irregular shapes.

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



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Puzzle 10

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## Classic Sudoku

Place the digits 1 through 9 into the empty cells in the grid (a single digit per cell) so that each digit appears exactly once in each of the following regions: the nine rows, the nine columns, and the nine outlined 3×3 regions.

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