

“Not Sudoku” Puzzles by Thomas Snyder

Webpage: motris.livejournal.com, Email: drsudoku@gmail.com

Seeing that we have a lot of sudoku puzzles to solve here in Zilina, I decided to share some puzzles that are decidedly not sudoku. In each of these puzzles, fill in the digits 1 to n such that each digit appears once in each row and column. The number in the upper-left of each bold cage represents the value of some mathematical operation (+, -, x, /) applied to the digits in those cells (the operation is not always given to you). For subtraction and division, the smaller numbers are always subtracted or divided from the largest overall value in any order (so “2-” in three cells can be 6-3-1 or 6-2-2=2). Digits can repeat within cages, but not within the same row/column.

Even Split?

20	20		

Three’s A Crowd

3+	3	33+		
	3000x			
	3-		3	
3/				

Powers of Two

16		32		
	2	2		
8				
1			4	
4				

The Loneliest Number

1		1	
		1	
1	1		
	1		

Perfect Ten?

10+				10+
10+		10x		
	10+			
10+		10+	10x	

Bowtie

96			12	
	24			
				1
15				

The Great Divide

8		2		2278129	
	12				
8					2
				12	
					15
		8			

Divide and Conquer

3-	13+			3/	
	2-	5	2/		
1-		1/			1-
	2/			1-	
3/			6		1-
		1-			

Downward Spiral

38+	14+			16+	
	12x	6+		7x	
		5-	2-		18x
	11+		1	3/	8+
		4/			
	10+			9+	
			28+		

Stacked Boxes

1-		1-		36x	
	10+		12+		
3-		15+			5-
	1-			20x	
2/					1-
		1-			

Spot The Differences

4-	2-		2-		3-
	2-	3-	1-	3-	
1-					3-
	2-	1-	4-	3-	
2-					2-
		2-			

Union Jack

18+		7	50+	4	252x
		15+		2/	
5					3
3	4-			1/	5
2-					22+
		4		7	

Bracelet

60x			60x		1-	
	1-				2-	
		18+	20+		17+	
72x			7		1/	
						18x
2-		18+				
2-						

Here Comes The Sun

80			10	14		33	
	15			8			
2			57				
						2	
4						15	1
27					10		
	12			12			
		13					

I See Dollar Signs!

4		11		???	18		16	
36								2
		15	13		17			
18					15		36	
								14
6		40			35	15		
13		8						28
11		72			4		11	

Trapped In A Puzzle

3	16	20				16	6	6
10				1				13
	15	25				25	14	
15	10						15	10
		3			22			
15	10						21	15
				40				
4								8

A Whole Lot Of Nothing

0			15			0
	0		20			0
				24		0
			6			0
8	4	9		0		
			0			
0		0				12

Note: This puzzle uses the digits 0-6 instead of 1-7

Last Hurrah

32			2			50		
		15	3	3	6	12		
18	1		3	2		3		12
	6			9	8	4		
	45		2			15		
50	2		5	1	16	17		22
			23					

???????

15+	?					7+
		19+				
	3+	14+				10+
5+				14+	13+	
	14+					
15+		10+	13+			14+
				4+		

Note: This puzzle uses some set of seven integers ≥ 0 that you must determine (ex. $\{0,1,5,6,7,9,10\}$) in addition to solving the puzzle. Each digit is used once in each row, column.

Please tell me if you enjoyed these puzzles – I will likely be writing a book of puzzles that are decidedly not sudoku for release in 2010. In the meantime, please look for *Battleship Sudoku* (available now) and *Mutant Sudoku* (with Wei-Hwa Huang, released this September) on amazon.com for fun, themed sudoku variations!!!