

# Sudoku Practice

U.S. Sudoku Team—Practice Test  
March, 2010

## 1. Standard Sudoku – 15 points

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the following 27 regions: the nine rows, the nine columns, and the nine outlined 3x3 regions.

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



Answer: Enter the fifth row of digits, followed by the eighth row of digits.

## 2. Diagonal Sudoku – 10 points

Standard Sudoku rules apply. Additionally, each digit appears exactly once in each of the two main diagonals.

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



Answer: Enter the first row of digits, followed by the seventh row of digits.

### 3. Even+Diagonal Sudoku – 5 points

Standard Sudoku rules apply. Additionally, each digit appears exactly once in each of the two main diagonals, and shaded squares must contain even digits

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

Answer: Enter the third row of digits, followed by the ninth row of digits.

### 4. Parquet Sudoku – 15 points

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the following 33 regions: the twelve rows, the twelve columns, and the nine outlined 4x4 regions.

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

Answer: Enter the sixth row of digits, followed by the tenth row of digits.

**5. Irregular Sudoku – 25 points**

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the following 27 regions: the nine rows, the nine columns, and the nine outlined regions.

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

Answer: Enter the first row of digits, followed by the eighth row of digits.

**6. Killer Sudoku – 20 points**

Standard Sudoku rules apply. Additionally, the sum of the numbers in each outlined region is equal to the corresponding number given in a corner of the outline. No digit is repeated within a given outlined region.

14	24			11		8	5	12
		10		7		9		
10		15				17		24
	10		11	18		8		4
23		10			16		8	
4						22		3
	7		4	16			24	
3	13	14			6			14
			9					

Answer: Enter the first row of digits, followed by the fourth row of digits.

End of Practice Test