

# Sudoku

- Rules

- Example Problem (4x4)

- Feasibility Problem

- LP Relaxation

Here is the puzzle. Good luck!

Evil Puzzle for Oct 13, 2012

9x9

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

Game by Web Sudoku

# Rules

- Given a set of "clues"
- Each space takes an Integer between 1-9
- Each Integer should only show up once
  - 1.) in each 3x3 cell
  - 2.) in each row
  - 3.) in each column
  - 4.) in each space
  - 5.) No Clue should be replaced
- Need to find a feasible Integer solution

9x9

Here is the puzzle. Good luck!

Evil Puzzle for Oct 13, 2012

<del>8</del>	6	9	7	<del>8</del>	4	3		
	1					7		
3				5	<del>8</del>		2	
	3						1	
	<del>8</del>		9					
6						2		
7			2				3	
	9					4		
	4	2		3	5	1		

Game by Web Sudoku