

Zahlenrätsel

Explanations to Zahlenrätsel v.1.2

1. What's a Sudoku?

A sudoku consists of 9 rows and 9 columns. In every row, column and every 3x3 field the figures 1-9 must be once.

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

Status: gelöst

F1 Auflösen
 F2 Neustart
 F3 Rückgängig
 F4 Wiederherstellen
 Esc Speichern & beenden
 Quit Beenden

2. Methods to solve a Sudoku

a. Which elements could be in that field (row, column)?

■		7	8	9				
2								
3	6							
4								
5								

Status: möglich

F1 Auflösen
 F2 Neustart
 F3 Rückgängig
 F4 Wiederherstellen
 Esc Speichern & beenden
 Quit Beenden

Picture 1

	8	9			3			
		7		3				
■								
4								
5								
6								

Status: möglich

F1 Auflösen
 F2 Neustart
 F3 Rückgängig
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Picture 2

To picture 2: In the two cells over the marked one, only the figures 1&2 are possible. That implicates that this figures can't be at no other position of the field. So the marked cell must contain the figure 3.

b. Where can be a special figure in a row, column or field?

■								
					6			
		6						
6								
		6						

Status: möglich

F1 Auflösen
 F2 Neustart
 F3 Rückgängig
 F4 Wiederherstellen
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Picture 3

			5	1				
			6	2				
			7	3				
4		1						
		2	■					
		3			4			

Status: möglich

F1 Auflösen
 F2 Neustart
 F3 Rückgängig
 F4 Wiederherstellen
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Picture 4

To picture 4: The 4 of this field must be in the marked cell. It's not possible that the 4 is in the right cell, because the 4 of the field in the middle must be on the right side.