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Printable PDF Booklet

Bivalue Universal Grave Practice Sudoku

4 Puzzles Per Page | 24 Puzzles | With Answers | With Candidates

Every puzzle in this booklet is filtered to require BUG (Bivalue Universal Grave).
It is designed for solvers who want deliberate, targeted practice on paper.

DIFFICULTY

Custom / Custom

LAYOUT

4 Puzzles Per Page

TECHNIQUE

BUG (Bivalue Universal Grave)

CANDIDATES

Included

ANSWER KEY

Included at the end

GENERATED

Apr 12, 2026

PAPER

A4 / US Letter

You are welcome to share this booklet freely.

HINT SUPPORT

Need a logical hint? Every booklet here uses the same Puzzle IDs as sudokupuzzle.org. Open that site, enter your Puzzle ID in the "Start Game" dialog, and launch the solver for a clean step-by-step walkthrough. For more printable layouts and levels, visit sudokuprintout.com.

BIVALUE UNIVERSAL GRAVE PRACTICE SUDOKU [VOL.4]

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#1 (ID: #3356)

SCORE: 103

STEPS: 64

Level 6

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

Techs: Naked Single, Hidden Single, BUG (Bivalue Universal Grave)

#2 (ID: #46048)

SCORE: 105

STEPS: 59

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, BUG (Bivalue Universal Grave)

#3 (ID: #3403)

SCORE: 163

STEPS: 70

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Unique Rectangle Type 3, BUG (Bivalue Universal Grave)

#4 (ID: #3406)

SCORE: 163

STEPS: 70

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Unique Rectangle Type 3, BUG (Bivalue Universal Grave)

BIVALUE UNIVERSAL GRAVE PRACTICE SUDOKU [VOL.4]

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#5 (ID: #47827)

SCORE: 117

STEPS: 59

Level 6

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

Techs: Naked Single, Hidden Single, Naked Pairs, BUG (Bivalue Universal Grave)

#6 (ID: #3427)

SCORE: 146

STEPS: 67

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Unique Rectangle Type 4, BUG (Bivalue Universal Grave)

#7 (ID: #54308)

SCORE: 138

STEPS: 61

Level 6

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

Techs: Naked Single, Hidden Single, X-Wing, Unique Rectangle Type 3, BUG (Bivalue Universal Grave)

#8 (ID: #3470)

SCORE: 111

STEPS: 65

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, BUG (Bivalue Universal Grave)

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#9 (ID: #3474)

SCORE: 103

STEPS: 64

Level 6

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

Techs: Naked Single, Hidden Single, BUG (Bivalue Universal Grave)

#10 (ID: #48091)

SCORE: 168

STEPS: 63

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, BUG (Bivalue Universal Grave)

#11 (ID: #3502)

SCORE: 195

STEPS: 74

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, BUG (Bivalue Universal Grave)

#12 (ID: #15041)

SCORE: 272

STEPS: 73

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, BUG (Bivalue Universal Grave)

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#13 (ID: #49951)

SCORE: 205

STEPS: 67

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Pairs, BUG (Bivalue Universal Grave)

#14 (ID: #59972)

SCORE: 141

STEPS: 62

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Unique Rectangle Type 1, BUG (Bivalue Universal Grave)

#15 (ID: #72120)

SCORE: 105

STEPS: 59

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, BUG (Bivalue Universal Grave)

#16 (ID: #3578)

SCORE: 146

STEPS: 67

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Unique Rectangle Type 4, BUG (Bivalue Universal Grave)

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#17 (ID: #72178)

SCORE: 112

STEPS: 59

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, BUG (Bivalue Universal Grave)

#18 (ID: #74833)

SCORE: 162

STEPS: 64

Level 6

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

Techs: Naked Single, Hidden Single, Claiming, Naked Pairs, Unique Rectangle Type 2, BUG (Bivalue Universal Grave)

#19 (ID: #3597)

SCORE: 119

STEPS: 66

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, BUG (Bivalue Universal Grave)

#20 (ID: #85488)

SCORE: 174

STEPS: 64

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Skyscraper, BUG (Bivalue Universal Grave)

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#21 (ID: #12516)

SCORE: 117

STEPS: 64

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, BUG (Bivalue Universal Grave)

#22 (ID: #3638)

SCORE: 111

STEPS: 65

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, BUG (Bivalue Universal Grave)

#23 (ID: #3644)

SCORE: 163

STEPS: 70

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Unique Rectangle Type 3, BUG (Bivalue Universal Grave)

#24 (ID: #3648)

SCORE: 171

STEPS: 68

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Skyscraper, BUG (Bivalue Universal Grave)

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#1 (ID: #3356)

SCORE: 103

STEPS: 64

Level 6

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

Techs: Naked Single, Hidden Single, BUG (Bivalue Universal Grave)

#2 (ID: #46048)

SCORE: 105

STEPS: 59

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, BUG (Bivalue Universal Grave)

#3 (ID: #3403)

SCORE: 163

STEPS: 70

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Unique Rectangle Type 3, BUG (Bivalue Universal Grave)

#4 (ID: #3406)

SCORE: 163

STEPS: 70

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Unique Rectangle Type 3, BUG (Bivalue Universal Grave)

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#5 (ID: #47827)

SCORE: 117

STEPS: 59

Level 6

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

Techs: Naked Single, Hidden Single, Naked Pairs, BUG (Bivalue Universal Grave)

#6 (ID: #3427)

SCORE: 146

STEPS: 67

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Unique Rectangle Type 4, BUG (Bivalue Universal Grave)

#7 (ID: #54308)

SCORE: 138

STEPS: 61

Level 6

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

Techs: Naked Single, Hidden Single, X-Wing, Unique Rectangle Type 3, BUG (Bivalue Universal Grave)

#8 (ID: #3470)

SCORE: 111

STEPS: 65

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, BUG (Bivalue Universal Grave)

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#9 (ID: #3474)

SCORE: 103

STEPS: 64

Level 6

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

Techs: Naked Single, Hidden Single, BUG (Bivalue Universal Grave)

#10 (ID: #48091)

SCORE: 168

STEPS: 63

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, BUG (Bivalue Universal Grave)

#11 (ID: #3502)

SCORE: 195

STEPS: 74

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, BUG (Bivalue Universal Grave)

#12 (ID: #15041)

SCORE: 272

STEPS: 73

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, BUG (Bivalue Universal Grave)

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#13 (ID: #49951)

SCORE: 205

STEPS: 67

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Pairs, BUG (Bivalue Universal Grave)

#14 (ID: #59972)

SCORE: 141

STEPS: 62

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Unique Rectangle Type 1, BUG (Bivalue Universal Grave)

#15 (ID: #72120)

SCORE: 105

STEPS: 59

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, BUG (Bivalue Universal Grave)

#16 (ID: #3578)

SCORE: 146

STEPS: 67

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Unique Rectangle Type 4, BUG (Bivalue Universal Grave)

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#17 (ID: #72178)

SCORE: 112

STEPS: 59

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, BUG (Bivalue Universal Grave)

#18 (ID: #74833)

SCORE: 162

STEPS: 64

Level 6

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

Techs: Naked Single, Hidden Single, Claiming, Naked Pairs, Unique Rectangle Type 2, BUG (Bivalue Universal Grave)

#19 (ID: #3597)

SCORE: 119

STEPS: 66

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, BUG (Bivalue Universal Grave)

#20 (ID: #85488)

SCORE: 174

STEPS: 64

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Skyscraper, BUG (Bivalue Universal Grave)

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#21 (ID: #12516)

SCORE: 117

STEPS: 64

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, BUG (Bivalue Universal Grave)

#22 (ID: #3638)

SCORE: 111

STEPS: 65

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, BUG (Bivalue Universal Grave)

#23 (ID: #3644)

SCORE: 163

STEPS: 70

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Unique Rectangle Type 3, BUG (Bivalue Universal Grave)

#24 (ID: #3648)

SCORE: 171

STEPS: 68

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Skyscraper, BUG (Bivalue Universal Grave)

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#1 (ID: #3356)

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

#2 (ID: #46048)

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

#3 (ID: #3403)

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

#4 (ID: #3406)

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

#5 (ID: #47827)

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

#6 (ID: #3427)

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

#7 (ID: #54308)

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

#8 (ID: #3470)

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

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#9 (ID: #3474)

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

#10 (ID: #48091)

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

#11 (ID: #3502)

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

#12 (ID: #15041)

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

#13 (ID: #49951)

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

#14 (ID: #59972)

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

#15 (ID: #72120)

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

#16 (ID: #3578)

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

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#17 (ID: #72178)

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

#18 (ID: #74833)

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

#19 (ID: #3597)

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

#20 (ID: #85488)

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

#21 (ID: #12516)

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

#22 (ID: #3638)

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

#23 (ID: #3644)

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

#24 (ID: #3648)

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