

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.*

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## HINT SUPPORT

Need a logical hint? Every booklet here uses the same Puzzle IDs as [sudoku-puzzle.org](https://www.sudoku-puzzle.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](https://www.sudokuprintout.com).

# BIVALUE UNIVERSAL GRAVE PRACTICE SUDOKU [VOL.3]

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#1 (ID: #1811)

SCORE: 119

STEPS: 66

Level 6

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

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

#2 (ID: #90147)

SCORE: 125

STEPS: 60

Level 6

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

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

#3 (ID: #95308)

SCORE: 164

STEPS: 64

Level 6

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

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

#4 (ID: #2966)

SCORE: 103

STEPS: 64

Level 6

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

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

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#5 (ID: #2970)

SCORE: 146

STEPS: 67

Level 6

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

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

#6 (ID: #87884)

SCORE: 150

STEPS: 61

Level 6

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

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

#7 (ID: #99880)

SCORE: 269

STEPS: 68

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, X-Wing, Skyscraper, Unique Rectangle Type 1, BUG (Bivalue Universal Grave)

#8 (ID: #32668)

SCORE: 117

STEPS: 59

Level 6

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

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

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#9 (ID: #107555)

SCORE: 106

STEPS: 60

Level 6

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

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

#10 (ID: #113765)

SCORE: 194

STEPS: 63

Level 6

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

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

#11 (ID: #3133)

SCORE: 103

STEPS: 64

Level 6

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

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

#12 (ID: #116346)

SCORE: 177

STEPS: 62

Level 6

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

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

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#13 (ID: #121933)

SCORE: 120

STEPS: 60

Level 6

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

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

#14 (ID: #122171)

SCORE: 235

STEPS: 68

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, X-Wing, Skyscraper, BUG (Bivalue Universal Grave)

#15 (ID: #20805)

SCORE: 137

STEPS: 60

Level 6

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

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

#16 (ID: #23396)

SCORE: 117

STEPS: 59

Level 6

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

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

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#17 (ID: #19890)

SCORE: 97

STEPS: 58

Level 6

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

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

#18 (ID: #3278)

SCORE: 163

STEPS: 70

Level 6

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

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

#19 (ID: #34897)

SCORE: 105

STEPS: 59

Level 6

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

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

#20 (ID: #66188)

SCORE: 196

STEPS: 65

Level 6

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

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

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#21 (ID: #3299)

SCORE: 159

STEPS: 68

Level 6

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

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

#22 (ID: #3309)

SCORE: 195

STEPS: 74

Level 6

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

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

#23 (ID: #3320)

SCORE: 111

STEPS: 65

Level 6

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

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

#24 (ID: #52203)

SCORE: 125

STEPS: 60

Level 6

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

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

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#1 (ID: #1811)

SCORE: 119

STEPS: 66

Level 6

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

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

#2 (ID: #90147)

SCORE: 125

STEPS: 60

Level 6

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

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

#3 (ID: #95308)

SCORE: 164

STEPS: 64

Level 6

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

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

#4 (ID: #2966)

SCORE: 103

STEPS: 64

Level 6

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

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

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#5 (ID: #2970)

SCORE: 146

STEPS: 67

Level 6

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

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

#6 (ID: #87884)

SCORE: 150

STEPS: 61

Level 6

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

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

#7 (ID: #99880)

SCORE: 269

STEPS: 68

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, X-Wing, Skyscraper, Unique Rectangle Type 1, BUG (Bivalue Universal Grave)

#8 (ID: #32668)

SCORE: 117

STEPS: 59

Level 6

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

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

# BIVALUE UNIVERSAL GRAVE PRACTICE SUDOKU [VOL.3]

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#9 (ID: #107555)

SCORE: 106

STEPS: 60

Level 6

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

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

#10 (ID: #113765)

SCORE: 194

STEPS: 63

Level 6

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

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

#11 (ID: #3133)

SCORE: 103

STEPS: 64

Level 6

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

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

#12 (ID: #116346)

SCORE: 177

STEPS: 62

Level 6

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

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

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#13 (ID: #121933)

SCORE: 120

STEPS: 60

Level 6

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

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

#14 (ID: #122171)

SCORE: 235

STEPS: 68

Level 6

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, X-Wing, Skyscraper, BUG (Bivalue Universal Grave)

#15 (ID: #20805)

SCORE: 137

STEPS: 60

Level 6

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

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

#16 (ID: #23396)

SCORE: 117

STEPS: 59

Level 6

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

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

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#17 (ID: #19890)

SCORE: 97

STEPS: 58

Level 6

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

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

#18 (ID: #3278)

SCORE: 163

STEPS: 70

Level 6

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

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

#19 (ID: #34897)

SCORE: 105

STEPS: 59

Level 6

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

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

#20 (ID: #66188)

SCORE: 196

STEPS: 65

Level 6

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

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

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#21 (ID: #3299)

SCORE: 159

STEPS: 68

Level 6

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

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

#22 (ID: #3309)

SCORE: 195

STEPS: 74

Level 6

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

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

#23 (ID: #3320)

SCORE: 111

STEPS: 65

Level 6

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

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

#24 (ID: #52203)

SCORE: 125

STEPS: 60

Level 6

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

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

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#1 (ID: #1811)

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

#2 (ID: #90147)

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

#3 (ID: #95308)

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

#4 (ID: #2966)

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

#5 (ID: #2970)

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

#6 (ID: #87884)

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

#7 (ID: #99880)

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

#8 (ID: #32668)

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

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#9 (ID: #107555)

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

#10 (ID: #113765)

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

#11 (ID: #3133)

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

#12 (ID: #116346)

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

#13 (ID: #121933)

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

#14 (ID: #122171)

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

#15 (ID: #20805)

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

#16 (ID: #23396)

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

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#17 (ID: #19890)

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

#18 (ID: #3278)

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

#19 (ID: #34897)

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

#20 (ID: #66188)

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

#21 (ID: #3299)

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

#22 (ID: #3309)

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

#23 (ID: #3320)

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

#24 (ID: #52203)

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