

MORE PRINTABLE SUDOKU WITH ANSWER KEYS AT
SUDOKUPRINTOUT.COM

Printable PDF Booklet

Level 10 / Masterclass

Level 10 Masterclass Sudoku

4 Puzzles Per Page | 72 Puzzles | With Answers | With Candidates

A curated Masterclass collection for the top 1%. The grids are calibrated around extreme pattern recognition without guessing, with enough room for relaxed note-taking and careful solving.

DIFFICULTY

Level 10 / Masterclass

LAYOUT

4 Puzzles Per Page

TECHNIQUE

Mixed classic logic

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.

LEVEL 10 MASTERCLASS SUDOKU [VOL.4]

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#1 (ID: #297548)

SCORE: 523

STEPS: 79

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, XY-Wing, WXYZ-Wing, VWXYZ-Wing, XY-Chain, Chute Remote Pairs

#2 (ID: #291093)

SCORE: 397

STEPS: 77

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, WXYZ-Wing, Turbot Fish, Grouped Turbot Crane, Chute Remote Pairs, Unique Rectangle Type 3

#3 (ID: #246930)

SCORE: 539

STEPS: 80

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, XYZ-Wing, WXYZ-Wing, 2-String Kite, Skyscraper, Turbot Fish, XY-Chain, Chute Remote Pairs

#4 (ID: #391390)

SCORE: 261

STEPS: 70

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, XY-Wing, XYZ-Wing, XY-Chain

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#5 (ID: #337729)

SCORE: 468

STEPS: 75

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, 2-String Kite, Grouped Turbot Crane, XY-Chain

#6 (ID: #552022)

SCORE: 682

STEPS: 86

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Hidden Pairs, X-Wing, XY-Wing, XYZ-Wing, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, XY-Chain

#7 (ID: #30075)

SCORE: 676

STEPS: 86

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, X-Wing, XY-Wing, XYZ-Wing, VWXYZ-Wing, Grouped Turbot Crane, XY-Chain, Chute Remote Pairs

#8 (ID: #503970)

SCORE: 500

STEPS: 80

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, WXYZ-Wing, Skyscraper, Grouped 2-String Kite, XY-Chain

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#9 (ID: #540479)

SCORE: 484

STEPS: 79

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, WXYZ-Wing, XY-Chain, Chute Remote Pairs, Unique Rectangle Type 4, BUG (Bivalue Universal Grave)

#10 (ID: #101205)

SCORE: 563

STEPS: 82

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, X-Wing, XY-Wing, WXYZ-Wing, 2-String Kite, Skyscraper, Turbot Fish, 3 Strong Links, Grouped Turbot Crane, Unique Rectangle Type 3, Unique Rectangle Type 4

#11 (ID: #471880)

SCORE: 146

STEPS: 63

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Hidden Pairs, Naked Triples, Chute Remote Pairs

#12 (ID: #228828)

SCORE: 277

STEPS: 71

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, Naked Triples, XY-Wing, 3 Strong Links

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#13 (ID: #163145)

SCORE: 930

STEPS: 101

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Triples, XYZ-Wing, VWXYZ-Wing, 2-String Kite, XY-Chain

#14 (ID: #112129)

SCORE: 594

STEPS: 79

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, X-Wing, XY-Wing, XYZ-Wing, WXYZ-Wing, 2-String Kite, Turbot Fish, 3 Strong Links, XY-Chain

#15 (ID: #38623)

SCORE: 339

STEPS: 71

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, X-Wing, VWXYZ-Wing, Skyscraper, Chute Remote Pairs, Unique Rectangle Type 2, Unique Rectangle Type 4

#16 (ID: #105766)

SCORE: 480

STEPS: 80

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XY-Wing, WXYZ-Wing, Skyscraper, 3 Strong Links, Grouped Skyscraper, XY-Chain

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#17 (ID: #208185)

SCORE: 849

STEPS: 91

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, X-Wing, 2-String Kite, Skyscraper, XY-Chain, Unique Rectangle Type 4, BUG (Bivalue Universal Grave)

#18 (ID: #500913)

SCORE: 634

STEPS: 88

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XY-Wing, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, 3 Strong Links, XY-Chain, Unique Rectangle Type 1

#19 (ID: #111893)

SCORE: 224

STEPS: 65

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Skyscraper

#20 (ID: #480150)

SCORE: 582

STEPS: 83

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, Hidden Triples, X-Wing, XY-Wing, VWXYZ-Wing, Skyscraper

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#21 (ID: #327508)

SCORE: 572

STEPS: 83

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, X-Wing, Skyscraper, Turbot Fish, Chute Remote Pairs

#22 (ID: #335882)

SCORE: 736

STEPS: 90

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Triples, X-Wing, XYZ-Wing, VWXYZ-Wing, XY-Chain, Chute Remote Pairs

#23 (ID: #360944)

SCORE: 298

STEPS: 67

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, XYZ-Wing, 2-String Kite, 3 Strong Links

#24 (ID: #483500)

SCORE: 380

STEPS: 73

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, VWXYZ-Wing, 2-String Kite, Skyscraper, Turbot Fish, 3 Strong Links

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#25 (ID: #549588)

SCORE: 417

STEPS: 81

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, WXYZ-Wing, Grouped 2-String Kite

#26 (ID: #243002)

SCORE: 210

STEPS: 63

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs

#27 (ID: #17189)

SCORE: 443

STEPS: 76

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XYZ-Wing, VWXYZ-Wing, Grouped Skyscraper, XY-Chain

#28 (ID: #463091)

SCORE: 899

STEPS: 97

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, Naked Triples, X-Wing, XY-Wing, XYZ-Wing, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, Skyscraper, XY-Chain, Chute Remote Pairs

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#29 (ID: #439079)

SCORE: 365

STEPS: 73

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, WXYZ-Wing, 2-String Kite, Grouped Turbot Crane, Chute Remote Pairs, Unique Rectangle Type 4

#30 (ID: #252874)

SCORE: 697

STEPS: 85

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, X-Wing, XY-Wing, 2-String Kite, Skyscraper, 3 Strong Links, XY-Chain

#31 (ID: #525217)

SCORE: 482

STEPS: 79

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, X-Wing, XY-Wing, WXYZ-Wing, VWXYZ-Wing, Skyscraper, XY-Chain, Chute Remote Pairs

#32 (ID: #115114)

SCORE: 474

STEPS: 75

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, Naked Triples, VWXYZ-Wing, Skyscraper, XY-Chain

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#33 (ID: #74424)

SCORE: 364

STEPS: 75

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, WXYZ-Wing, Unique Rectangle Type 4

#34 (ID: #318682)

SCORE: 744

STEPS: 93

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, XY-Wing, XYZ-Wing, WXYZ-Wing, VWXYZ-Wing, Skyscraper, Grouped Turbot Crane, Unique Rectangle Type 4

#35 (ID: #7029)

SCORE: 275

STEPS: 79

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Hidden Pairs, Unique Rectangle Type 4

#36 (ID: #116430)

SCORE: 293

STEPS: 70

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XY-Wing, 2-String Kite, Turbot Fish, Grouped 2-String Kite

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#37 (ID: #263598)

SCORE: 412

STEPS: 78

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, VWXYZ-Wing

#38 (ID: #282789)

SCORE: 414

STEPS: 77

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Pairs, Hidden Triples, WXYZ-Wing, 2-String Kite, Skyscraper, 3 Strong Links, Grouped 2-String Kite

#39 (ID: #46253)

SCORE: 667

STEPS: 89

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, Naked Triples, X-Wing, XY-Wing, 2-String Kite, XY-Chain, Unique Rectangle Type 4

#40 (ID: #552312)

SCORE: 556

STEPS: 81

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Naked Triples, X-Wing, XY-Wing, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, Skyscraper, XY-Chain

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#41 (ID: #476860)

SCORE: 308

STEPS: 69

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, XY-Wing, XYZ-Wing, VWXYZ-Wing, 2-String Kite, XY-Chain, Chute Remote Pairs

#42 (ID: #37718)

SCORE: 451

STEPS: 79

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Naked Triples, XY-Wing, XYZ-Wing, XY-Chain

#43 (ID: #483541)

SCORE: 811

STEPS: 96

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, Skyscraper, Turbot Fish, 3 Strong Links, XY-Chain, Unique Rectangle Type 2

#44 (ID: #323325)

SCORE: 593

STEPS: 85

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, X-Wing, XY-Wing, WXYZ-Wing, Chute Remote Pairs, Unique Rectangle Type 4

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#45 (ID: #460715)

SCORE: 613

STEPS: 84

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, Skyscraper, XY-Chain

#46 (ID: #92492)

SCORE: 370

STEPS: 73

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, X-Wing, XY-Wing, WXYZ-Wing, Skyscraper, Grouped Skyscraper, Unique Rectangle Type 4

#47 (ID: #86013)

SCORE: 260

STEPS: 68

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, WXYZ-Wing, 2-String Kite, 3 Strong Links

#48 (ID: #149403)

SCORE: 712

STEPS: 91

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, XYZ-Wing, WXYZ-Wing, VWXYZ-Wing, XY-Chain

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#49 (ID: #205443)

SCORE: 311

STEPS: 69

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, Naked Triples, XY-Wing, VWXYZ-Wing, Skyscraper, Chute Remote Pairs

#50 (ID: #136221)

SCORE: 890

STEPS: 97

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Naked Triples, X-Wing, XY-Wing, WXYZ-Wing, VWXYZ-Wing, Skyscraper, Grouped 2-String Kite, XY-Chain

#51 (ID: #469897)

SCORE: 354

STEPS: 70

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, VWXYZ-Wing, 2-String Kite, XY-Chain, Chute Remote Pairs

#52 (ID: #200135)

SCORE: 440

STEPS: 79

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XY-Wing, 2-String Kite, Unique Rectangle Type 1

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#53 (ID: #397105)

SCORE: 956

STEPS: 103

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Naked Triples, XY-Wing, XYZ-Wing, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, XY-Chain

#54 (ID: #339355)

SCORE: 589

STEPS: 80

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, XY-Wing, WXYZ-Wing, XY-Chain, Chute Remote Pairs

#55 (ID: #123935)

SCORE: 586

STEPS: 84

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, X-Wing, 2-String Kite, Grouped 2-String Kite, XY-Chain, Chute Remote Pairs, Unique Rectangle Type 3, Unique Rectangle Type 4

#56 (ID: #119456)

SCORE: 612

STEPS: 82

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, WXYZ-Wing, Grouped 2-String Kite, Unique Rectangle Type 4, BUG (Bivalve Universal Grave)

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#57 (ID: #481618)

SCORE: 684

STEPS: 89

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XY-Wing, WXYZ-Wing, 2-String Kite, Turbot Fish, 3 Strong Links, Grouped Skyscraper, BUG (Bivalue Universal Grave)

#58 (ID: #56595)

SCORE: 604

STEPS: 86

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, X-Wing, XY-Wing, VWXYZ-Wing, XY-Chain, Chute Remote Pairs, Unique Rectangle Type 4

#59 (ID: #380177)

SCORE: 335

STEPS: 73

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, XYZ-Wing, 2-String Kite, 3 Strong Links, Unique Rectangle Type 1

#60 (ID: #64656)

SCORE: 677

STEPS: 91

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, Hidden Triples, XY-Wing, WXYZ-Wing, VWXYZ-Wing, 2-String Kite

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#61 (ID: #443434)

SCORE: 558

STEPS: 81

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, Naked Triples, XY-Wing, WXYZ-Wing, 2-String Kite, XY-Chain

#62 (ID: #484121)

SCORE: 607

STEPS: 84

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XY-Wing, VWXYZ-Wing, XY-Chain, Chute Remote Pairs, Unique Rectangle Type 1

#63 (ID: #460375)

SCORE: 374

STEPS: 78

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, Unique Rectangle Type 1, Unique Rectangle Type 3, Unique Rectangle Type 4

#64 (ID: #222733)

SCORE: 403

STEPS: 72

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Pairs, X-Wing, XY-Wing, WXYZ-Wing, VWXYZ-Wing, 2-String Kite

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#65 (ID: #94889)

SCORE: 445

STEPS: 76

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, X-Wing, XY-Wing, VWXYZ-Wing, Turbot Fish, Chute Remote Pairs, Unique Rectangle Type 2, BUG (Bivalue Universal Grave)

#66 (ID: #522899)

SCORE: 325

STEPS: 74

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, VWXYZ-Wing

#67 (ID: #469943)

SCORE: 407

STEPS: 72

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, VWXYZ-Wing, 2-String Kite, 3 Strong Links, XY-Chain, Chute Remote Pairs

#68 (ID: #158378)

SCORE: 713

STEPS: 90

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, XY-Wing, WXYZ-Wing, VWXYZ-Wing, XY-Chain, Unique Rectangle Type 4

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#69 (ID: #144660)

SCORE: 613

STEPS: 89

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, Naked Triples, WXYZ-Wing, 2-String Kite, Chute Remote Pairs

#70 (ID: #454770)

SCORE: 866

STEPS: 98

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, Skyscraper, 3 Strong Links, XY-Chain

#71 (ID: #358138)

SCORE: 710

STEPS: 89

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Naked Triples, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, XY-Chain

#72 (ID: #498348)

SCORE: 814

STEPS: 94

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, WXYZ-Wing, VWXYZ-Wing, Skyscraper, XY-Chain, BUG (Bivalue Universal Grave)

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#1 (ID: #297548)

SCORE: 523

STEPS: 79

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, XY-Wing, WXYZ-Wing, VWXYZ-Wing, XY-Chain, Chute Remote Pairs

#2 (ID: #291093)

SCORE: 397

STEPS: 77

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, WXYZ-Wing, Turbot Fish, Grouped Turbot Crane, Chute Remote Pairs, Unique Rectangle Type 3

#3 (ID: #246930)

SCORE: 539

STEPS: 80

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, XYZ-Wing, WXYZ-Wing, 2-String Kite, Skyscraper, Turbot Fish, XY-Chain, Chute Remote Pairs

#4 (ID: #391390)

SCORE: 261

STEPS: 70

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, XY-Wing, XYZ-Wing, XY-Chain

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#5 (ID: #337729)

SCORE: 468

STEPS: 75

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, 2-String Kite, Grouped Turbot Crane, XY-Chain

#6 (ID: #552022)

SCORE: 682

STEPS: 86

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Hidden Pairs, X-Wing, XY-Wing, XYZ-Wing, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, XY-Chain

#7 (ID: #30075)

SCORE: 676

STEPS: 86

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, X-Wing, XY-Wing, XYZ-Wing, VWXYZ-Wing, Grouped Turbot Crane, XY-Chain, Chute Remote Pairs

#8 (ID: #503970)

SCORE: 500

STEPS: 80

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, WXYZ-Wing, Skyscraper, Grouped 2-String Kite, XY-Chain

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#9 (ID: #540479)

SCORE: 484

STEPS: 79

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, WXYZ-Wing, XY-Chain, Chute Remote Pairs, Unique Rectangle Type 4, BUG (Bivalued Universal Grave)

#10 (ID: #101205)

SCORE: 563

STEPS: 82

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, X-Wing, XY-Wing, WXYZ-Wing, 2-String Kite, Skyscraper, Turbot Fish, 3 Strong Links, Grouped Turbot Crane, Unique Rectangle Type 3, Unique Rectangle Type 4

#11 (ID: #471880)

SCORE: 146

STEPS: 63

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Hidden Pairs, Naked Triples, Chute Remote Pairs

#12 (ID: #228828)

SCORE: 277

STEPS: 71

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, Naked Triples, XY-Wing, 3 Strong Links

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#13 (ID: #163145)

SCORE: 930

STEPS: 101

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Triples, XYZ-Wing, VWXYZ-Wing, 2-String Kite, XY-Chain

#14 (ID: #112129)

SCORE: 594

STEPS: 79

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, X-Wing, XY-Wing, XYZ-Wing, WXYZ-Wing, 2-String Kite, Turbot Fish, 3 Strong Links, XY-Chain

#15 (ID: #38623)

SCORE: 339

STEPS: 71

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, X-Wing, VWXYZ-Wing, Skyscraper, Chute Remote Pairs, Unique Rectangle Type 2, Unique Rectangle Type 4

#16 (ID: #105766)

SCORE: 480

STEPS: 80

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XY-Wing, WXYZ-Wing, Skyscraper, 3 Strong Links, Grouped Skyscraper, XY-Chain

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#17 (ID: #208185)

SCORE: 849

STEPS: 91

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, X-Wing, 2-String Kite, Skyscraper, XY-Chain, Unique Rectangle Type 4, BUG (Bivalue Universal Grave)

#18 (ID: #500913)

SCORE: 634

STEPS: 88

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XY-Wing, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, 3 Strong Links, XY-Chain, Unique Rectangle Type 1

#19 (ID: #111893)

SCORE: 224

STEPS: 65

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Skyscraper

#20 (ID: #480150)

SCORE: 582

STEPS: 83

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, Hidden Triples, X-Wing, XY-Wing, VWXYZ-Wing, Skyscraper

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#21 (ID: #327508)

SCORE: 572

STEPS: 83

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, X-Wing, Skyscraper, Turbot Fish, Chute Remote Pairs

#22 (ID: #335882)

SCORE: 736

STEPS: 90

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Triples, X-Wing, XYZ-Wing, VWXYZ-Wing, XY-Chain, Chute Remote Pairs

#23 (ID: #360944)

SCORE: 298

STEPS: 67

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, XYZ-Wing, 2-String Kite, 3 Strong Links

#24 (ID: #483500)

SCORE: 380

STEPS: 73

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, VWXYZ-Wing, 2-String Kite, Skyscraper, Turbot Fish, 3 Strong Links

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#25 (ID: #549588)

SCORE: 417

STEPS: 81

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, WXYZ-Wing, Grouped 2-String Kite

#26 (ID: #243002)

SCORE: 210

STEPS: 63

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs

#27 (ID: #17189)

SCORE: 443

STEPS: 76

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XYZ-Wing, VWXYZ-Wing, Grouped Skyscraper, XY-Chain

#28 (ID: #463091)

SCORE: 899

STEPS: 97

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, Naked Triples, X-Wing, XY-Wing, XYZ-Wing, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, Skyscraper, XY-Chain, Chute Remote Pairs

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#29 (ID: #439079)

SCORE: 365

STEPS: 73

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, WXYZ-Wing, 2-String Kite, Grouped Turbot Crane, Chute Remote Pairs, Unique Rectangle Type 4

#30 (ID: #252874)

SCORE: 697

STEPS: 85

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, X-Wing, XY-Wing, 2-String Kite, Skyscraper, 3 Strong Links, XY-Chain

#31 (ID: #525217)

SCORE: 482

STEPS: 79

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, X-Wing, XY-Wing, WXYZ-Wing, VWXYZ-Wing, Skyscraper, XY-Chain, Chute Remote Pairs

#32 (ID: #115114)

SCORE: 474

STEPS: 75

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, Naked Triples, VWXYZ-Wing, Skyscraper, XY-Chain

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#33 (ID: #74424)

SCORE: 364

STEPS: 75

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, WXYZ-Wing, Unique Rectangle Type 4

#34 (ID: #318682)

SCORE: 744

STEPS: 93

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, XY-Wing, XYZ-Wing, WXYZ-Wing, VWXYZ-Wing, Skyscraper, Grouped Turbot Crane, Unique Rectangle Type 4

#35 (ID: #7029)

SCORE: 275

STEPS: 79

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Hidden Pairs, Unique Rectangle Type 4

#36 (ID: #116430)

SCORE: 293

STEPS: 70

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XY-Wing, 2-String Kite, Turbot Fish, Grouped 2-String Kite

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#37 (ID: #263598)

SCORE: 412

STEPS: 78

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, VWXYZ-Wing

#38 (ID: #282789)

SCORE: 414

STEPS: 77

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Pairs, Hidden Triples, WXYZ-Wing, 2-String Kite, Skyscraper, 3 Strong Links, Grouped 2-String Kite

#39 (ID: #46253)

SCORE: 667

STEPS: 89

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, Naked Triples, X-Wing, XY-Wing, 2-String Kite, XY-Chain, Unique Rectangle Type 4

#40 (ID: #552312)

SCORE: 556

STEPS: 81

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Naked Triples, X-Wing, XY-Wing, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, Skyscraper, XY-Chain

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#41 (ID: #476860)

SCORE: 308

STEPS: 69

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, XY-Wing, XYZ-Wing, VWXYZ-Wing, 2-String Kite, XY-Chain, Chute Remote Pairs

#42 (ID: #37718)

SCORE: 451

STEPS: 79

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Naked Triples, XY-Wing, XYZ-Wing, XY-Chain

#43 (ID: #483541)

SCORE: 811

STEPS: 96

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, Skyscraper, Turbot Fish, 3 Strong Links, XY-Chain, Unique Rectangle Type 2

#44 (ID: #323325)

SCORE: 593

STEPS: 85

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, X-Wing, XY-Wing, WXYZ-Wing, Chute Remote Pairs, Unique Rectangle Type 4

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#45 (ID: #460715)

SCORE: 613

STEPS: 84

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, Skyscraper, XY-Chain

#46 (ID: #92492)

SCORE: 370

STEPS: 73

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, X-Wing, XY-Wing, WXYZ-Wing, Skyscraper, Grouped Skyscraper, Unique Rectangle Type 4

#47 (ID: #86013)

SCORE: 260

STEPS: 68

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, WXYZ-Wing, 2-String Kite, 3 Strong Links

#48 (ID: #149403)

SCORE: 712

STEPS: 91

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, XY-Wing, WXYZ-Wing, VWXYZ-Wing, XY-Chain

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#49 (ID: #205443)

SCORE: 311

STEPS: 69

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, Naked Triples, XY-Wing, VWXYZ-Wing, Skyscraper, Chute Remote Pairs

#50 (ID: #136221)

SCORE: 890

STEPS: 97

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Naked Triples, X-Wing, XY-Wing, WXYZ-Wing, VWXYZ-Wing, Skyscraper, Grouped 2-String Kite, XY-Chain

#51 (ID: #469897)

SCORE: 354

STEPS: 70

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, VWXYZ-Wing, 2-String Kite, XY-Chain, Chute Remote Pairs

#52 (ID: #200135)

SCORE: 440

STEPS: 79

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XY-Wing, 2-String Kite, Unique Rectangle Type

1

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#53 (ID: #397105)

SCORE: 956

STEPS: 103

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Naked Triples, XY-Wing, XYZ-Wing, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, XY-Chain

#54 (ID: #339355)

SCORE: 589

STEPS: 80

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, XY-Wing, WXYZ-Wing, XY-Chain, Chute Remote Pairs

#55 (ID: #123935)

SCORE: 586

STEPS: 84

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, X-Wing, 2-String Kite, Grouped 2-String Kite, XY-Chain, Chute Remote Pairs, Unique Rectangle Type 3, Unique Rectangle Type 4

#56 (ID: #119456)

SCORE: 612

STEPS: 82

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, WXYZ-Wing, Grouped 2-String Kite, Unique Rectangle Type 4, BUG (Bivalve Universal Grave)

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#57 (ID: #481618)

SCORE: 684

STEPS: 89

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XY-Wing, WXYZ-Wing, 2-String Kite, Turbot Fish, 3 Strong Links, Grouped Skyscraper, BUG (Bivalve Universal Grave)

#58 (ID: #56595)

SCORE: 604

STEPS: 86

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, X-Wing, XY-Wing, VWXYZ-Wing, XY-Chain, Chute Remote Pairs, Unique Rectangle Type 4

#59 (ID: #380177)

SCORE: 335

STEPS: 73

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, XYZ-Wing, 2-String Kite, 3 Strong Links, Unique Rectangle Type 1

#60 (ID: #64656)

SCORE: 677

STEPS: 91

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, Hidden Triples, XY-Wing, WXYZ-Wing, VWXYZ-Wing, 2-String Kite

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#61 (ID: #443434)

SCORE: 558

STEPS: 81

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, Naked Triples, XY-Wing, WXYZ-Wing, 2-String Kite, XY-Chain

#62 (ID: #484121)

SCORE: 607

STEPS: 84

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XY-Wing, VWXYZ-Wing, XY-Chain, Chute Remote Pairs, Unique Rectangle Type 1

#63 (ID: #460375)

SCORE: 374

STEPS: 78

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, Unique Rectangle Type 1, Unique Rectangle Type 3, Unique Rectangle Type 4

#64 (ID: #222733)

SCORE: 403

STEPS: 72

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Pairs, X-Wing, XY-Wing, WXYZ-Wing, VWXYZ-Wing, 2-String Kite

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#65 (ID: #94889)

SCORE: 445

STEPS: 76

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, X-Wing, XY-Wing, VWXYZ-Wing, Turbot Fish, Chute Remote Pairs, Unique Rectangle Type 2, BUG (Bivalve Universal Grave)

#66 (ID: #522899)

SCORE: 325

STEPS: 74

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, VWXYZ-Wing

#67 (ID: #469943)

SCORE: 407

STEPS: 72

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, VWXYZ-Wing, 2-String Kite, 3 Strong Links, XY-Chain, Chute Remote Pairs

#68 (ID: #158378)

SCORE: 713

STEPS: 90

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, XY-Wing, WXYZ-Wing, VWXYZ-Wing, XY-Chain, Unique Rectangle Type 4

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#69 (ID: #144660)

SCORE: 613

STEPS: 89

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, Naked Triples, WXYZ-Wing, 2-String Kite, Chute Remote Pairs

#70 (ID: #454770)

SCORE: 866

STEPS: 98

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, Skyscraper, 3 Strong Links, XY-Chain

#71 (ID: #358138)

SCORE: 710

STEPS: 89

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Naked Triples, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, XY-Chain

#72 (ID: #498348)

SCORE: 814

STEPS: 94

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, WXYZ-Wing, VWXYZ-Wing, Skyscraper, XY-Chain, BUG (Bivalue Universal Grave)

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#1 (ID: #297548)

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

#2 (ID: #291093)

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

#3 (ID: #246930)

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

#4 (ID: #391390)

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

#5 (ID: #337729)

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

#6 (ID: #552022)

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

#7 (ID: #30075)

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

#8 (ID: #503970)

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

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#9 (ID: #540479)

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

#10 (ID: #101205)

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

#11 (ID: #471880)

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

#12 (ID: #228828)

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

#13 (ID: #163145)

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

#14 (ID: #112129)

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

#15 (ID: #38623)

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

#16 (ID: #105766)

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

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#17 (ID: #208185)

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

#18 (ID: #500913)

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

#19 (ID: #111893)

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

#20 (ID: #480150)

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

#21 (ID: #327508)

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

#22 (ID: #335882)

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

#23 (ID: #360944)

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

#24 (ID: #483500)

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

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#25 (ID: #549588)

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

#26 (ID: #243002)

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

#27 (ID: #17189)

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

#28 (ID: #463091)

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

#29 (ID: #439079)

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

#30 (ID: #252874)

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

#31 (ID: #525217)

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

#32 (ID: #115114)

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

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#33 (ID: #74424)

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

#34 (ID: #318682)

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

#35 (ID: #7029)

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

#36 (ID: #116430)

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

#37 (ID: #263598)

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

#38 (ID: #282789)

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

#39 (ID: #46253)

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

#40 (ID: #552312)

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

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#41 (ID: #476860)

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

#42 (ID: #37718)

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

#43 (ID: #483541)

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

#44 (ID: #323325)

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

#45 (ID: #460715)

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

#46 (ID: #92492)

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

#47 (ID: #86013)

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

#48 (ID: #149403)

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

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#49 (ID: #205443)

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

#50 (ID: #136221)

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

#51 (ID: #469897)

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

#52 (ID: #200135)

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

#53 (ID: #397105)

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

#54 (ID: #339355)

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

#55 (ID: #123935)

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

#56 (ID: #119456)

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

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#57 (ID: #481618)

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

#58 (ID: #56595)

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

#59 (ID: #380177)

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

#60 (ID: #64656)

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

#61 (ID: #443434)

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

#62 (ID: #484121)

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

#63 (ID: #460375)

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

#64 (ID: #222733)

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

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#65 (ID: #94889)

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

#66 (ID: #522899)

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

#67 (ID: #469943)

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

#68 (ID: #158378)

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

#69 (ID: #144660)

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

#70 (ID: #454770)

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

#71 (ID: #358138)

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

#72 (ID: #498348)

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