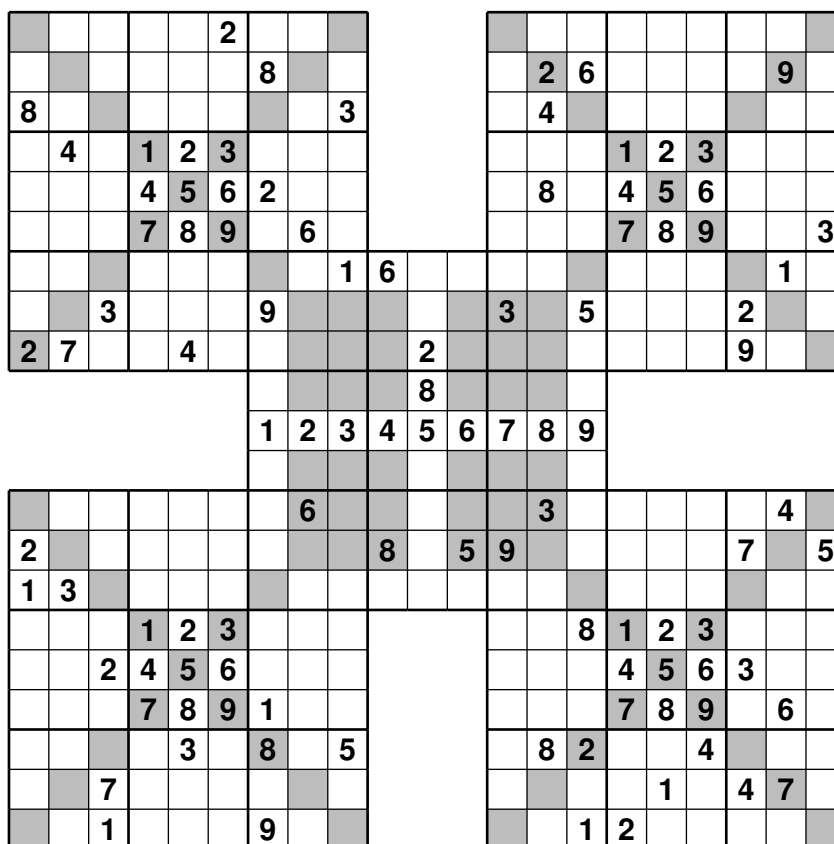


# GROUP PUZZLES

## *Sudoku Generalized*

Variations on Challenging Sudoku-by5 Logic Puzzles



*T. P. Smith*

Step-By-Step Solutions Online!

January, 2022

Volume: 1

Copyright © 2022 Group Puzzles Pub. Co.  
Permission is granted to teachers in grades K-12  
to photocopy these puzzles for use in their classes.  
All other rights are reserved.  
info@grouppuzzles.com

Other titles can be found at:  
<https://www.grouppuzzles.com/titles>

January, 2022

In the interest of try-before-you-buy, this eBook is made available free of charge under the Creative Commons Non-Commercial Sharealike License. In simple terms, that means you can share this PDF format eBook with your friends so that they too can discover what types and levels of puzzles they wish to work. You can share this PDF eBook by email, posting it on your web page, or any other means so long as you do not change it or charge for it. This link <https://creativecommons.org/licenses/by-nc-sa/2.0> provides the license terms long with a straightforward explanation .

# New Hybrid eBook/Print Book Format

A hybrid book consists of a traditional paperback book, containing puzzles and answers, and an on-line companion set of web pages for the print book, containing detailed step-by-step solutions for each puzzle, instructions for each puzzle type, and other information related to the paperback version of the book. Each print book title has a unique Internet web URL that points the reader directly to the eBook information for that particular print book. The URL for this book is:

<https://www.grouppuzzles.com/titles/B734263B/>

Hybrid books save paper while providing an enhanced reading experience. The Internet portion of the book that is accessible at this URL is very large and would make the printed version of the book around 10 times longer, if it was included. Most of this paper is wasted, however, if the reader is able to solve most of the puzzles on their own without the detailed per-puzzle step-by-step instructions and other information in the on-line eBook portion of the book.









# Challenging Sudoku-by5 Logic Puzzles

Puzzle 5

244/369

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

Challenging

Diff: 18 / 99.9999.9989.8953.4532

Answer Grid on Page 45



# Challenging Sudoku-by5 Logic Puzzles

Puzzle 6

262/369

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

Challenging

Diff: 19 / 999.4999.9999.9999.9995

[Answer Grid on Page 45](#)

Help and step-by-step solutions for each puzzle are available:

<https://www.grouppuzzles.com/titles/B734263B/>













# Challenging Sudoku-Xtreme Logic Puzzles

Puzzle 13

272/369

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

Challenging

Diff: 19 / 999.9999.9999.9644.7532

[Answer Grid on Page 47](#)





# Challenging Sudoku-Xtreme Logic Puzzles

Puzzle 15

285/369

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

Challenging

Diff: 19 / 999.9667.9999.9999.9991

[Answer Grid on Page 47](#)



# Challenging Education-Xtreme Logic Puzzles

Puzzle 17

264/369

			N			T				E	D	U	C	A	T	I	O	N
			A													C		
T	A																	
		A				D	E							N				
	E			C			N			N		C						I
				E	O					D						T		
N									E					I			A	
														A				O
E	D	U	C	A	T	I	O	N					C					
													D					
						E	D	U	C	A	T	I	O	N				
						I												
E			U			T		C				I	E					N
I	D													U		O		
		U		D	A			T	A					N		I		
	I		C			A							I	T				
U				A										A				
				E	T		D				A	T		C				
	T					I							U		O			E
			A				O					D				C		
		O		C							E	C	A					

Challenging

Diff: 16 / 9999.9999.9999.9994

Answer Grid on Page 48

# Challenging Education-Xtreme Logic Puzzles

Puzzle 18

262/369

				U	E					E	D	U	C	A	T	I	O	N	
T				A															
		A	E															E	
				C								O		E		U			
		N												O				D	
	C		U								A			U				I	
												N	D						
						T						C	O		U				
E	D	U	C	A	T	I	O	N									O	N	
							T	U											
							E	D	U	C	A	T	I	O	N				
																		D	
E							A							E			A		N
	D			T					D	A	N			D				O	
		U	O		E										E		I	T	
	E		C			T							D			T			A
				A											A				
					T								E		C			T	
N					O	I								U			I	E	
		I	T	U				O											
T																			A

Challenging

Diff: 18 / 99.9999.9999.9998.9574

Answer Grid on Page 48

Help and step-by-step solutions for each puzzle are available:

<https://www.grouppuzzles.com/titles/B734263B/>









# Challenging Education-Xtreme Logic Puzzles

Puzzle 22

247/369

A							I	D				E	D	U	C	A	T	I	O	N
		N		O	U		A								D			T		
	E				N	U							A							
T													T	U			D			
		E	D		A									E		I		A	T	
		A		T													U			D
				I					U		N			A	U					E
						A				C										
E	D	U	C	A	T	I	O	N									E	T		
						E	D	U	C	A	T	I	O	N						
											D			U						
E			U		I					U	A	C			E					N
	D			E	U														O	
		U						C	I					U			D	I		
		E	C										N	C				T		
				A		E								O		A		N		
D				I	T								U							A
				U	N	I									U		E			A
		D			A			O							D	N	A			T
T	A		O														D			

Challenging

Diff: 20 / 9999.991A.2221.A235.4653

Answer Grid on Page 49

Help and step-by-step solutions for each puzzle are available:

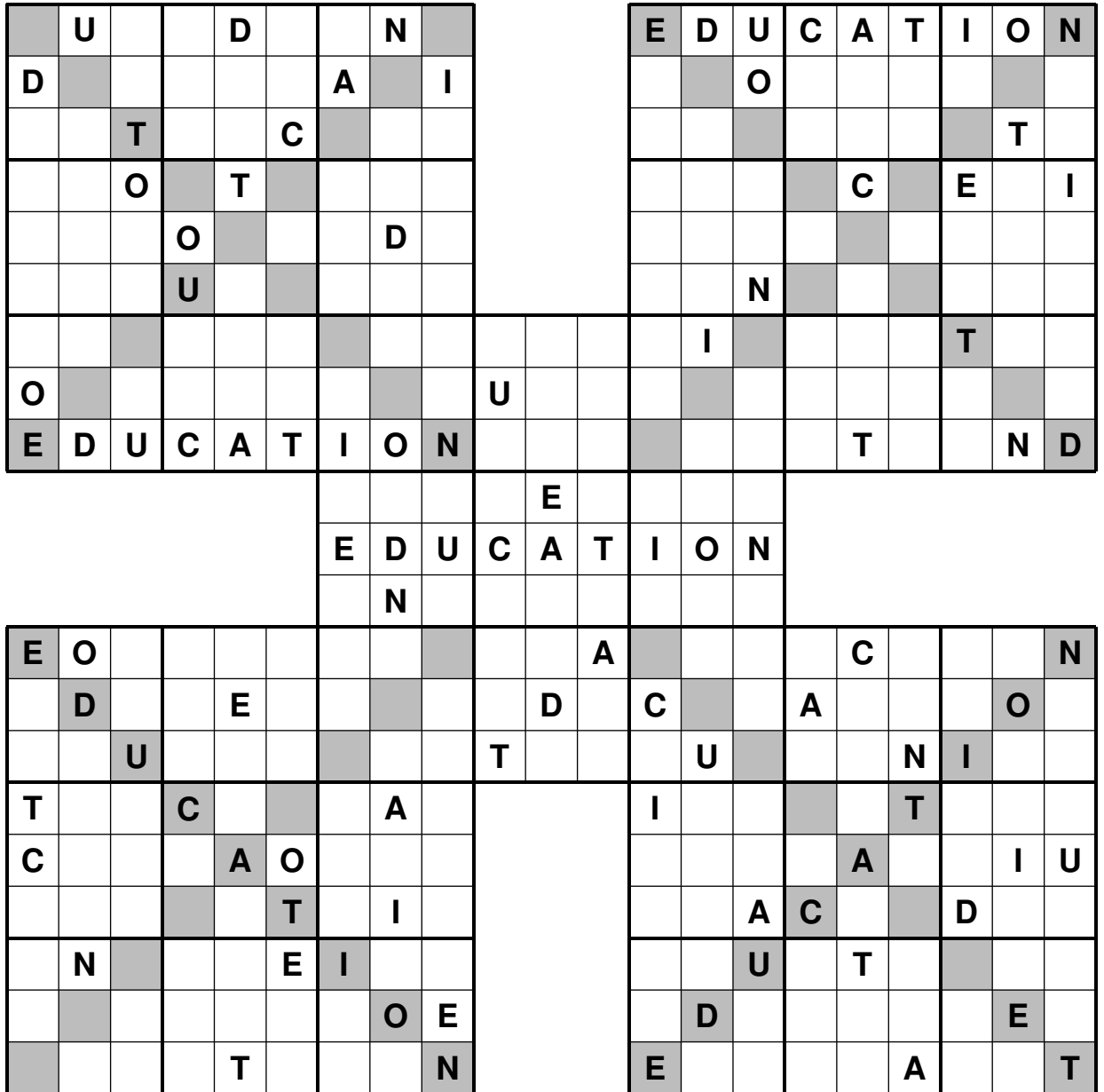
<https://www.grouppuzzles.com/titles/B734263B/>



# Challenging Education-Xtreme Logic Puzzles

Puzzle 24

268/369



Challenging

Diff: 20 / 9986.7899.9999.9999.9998

Answer Grid on Page 49

Help and step-by-step solutions for each puzzle are available:

<https://www.grouppuzzles.com/titles/B734263B/>







# Challenging HyperSudoku-by5 Logic Puzzles

Puzzle 28

251/369

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

Challenging

Diff: 17 / 9.9999.9998.22B4.9742

Answer Grid on Page 50

Help and step-by-step solutions for each puzzle are available:

<https://www.grouppuzzles.com/titles/B734263B/>







# Challenging HyperSudoku-by5 Logic Puzzles

Puzzle 31

258/369

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

Challenging

Diff: 19 / 999.9999.9876.6999.9841

[Answer Grid on Page 51](#)









# Challenging HyperSudoku-Xtreme Logic Puzzles

Puzzle 36

261/369

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

Challenging

Diff: 18 / 99.9999.7993.B344.6955

Answer Grid on Page 52

Help and step-by-step solutions for each puzzle are available:

<https://www.grouppuzzles.com/titles/B734263B/>































