Puzzler

No.168 2017

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SUDOKU

SUDOKU

THE FIRST AND THE FINEST

WIN! £1,000

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

OVER 130 PUZZLES

PLUS: LOOP-THE-LOOP, BRIDGES, KILLER & SUGURU

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Competition closes:
18 October, 2017

WITH GUEST PUZZLE MINUPLU!

SUDOKU 数独

Sudoku puzzles have been around for a long time. In fact, they've been traced back to the 1970s, where they appeared in an American puzzle magazine under the name Number Place. But imagine if they had gone back further… I'm sure Charles Dickens would have had a word or two to say about this puzzle:

- 'Minds, like bodies, will often fall into a pimpled, ill-conditioned state from mere lack of Sudoku puzzles.' (Charles Dickens misquote – *Barnaby Rudge*)
- 'Sudoku puzzles are my passion. What I have ever sighed for has been to retreat to a Swiss farm, and live entirely surrounded by Sudokus – and china.' (Charles Dickens misquote – *Dombey and Son*)

Or what might Henry James have thought of the puzzle?

- 'Under certain circumstances there are few hours in life more agreeable than the hour dedicated to the ceremony known as solving Sudoku with afternoon tea.' (Henry James misquote – *Portrait of a Lady*)

It's fun to ponder such ideas, but not nearly as fun as the timeless enjoyment to be had from actually solving Sudoku.

Happy puzzling, *Ariane*



Guest puzzle **MinuPlu** is on page 32. Visit www.puzzler.com for an encyclopedia of all our puzzles.

1 COMPETITION



For your chance to win £1,000 in cash, solve this puzzle and follow the instructions to find a hidden word! Then, complete the form and send it to Grand Cash Competition 12533, 69 Station Road, Redhill, Surrey, RH1 1EY. Closing date is October 18, 2017. See page 81 for full terms and conditions. Good luck!

WSU 168

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

Comp ID 12533

1	2	3	4	5	6	7	8	9
I	N	R	O	T	D	B	X	E

We've introduced a fun twist to our prize puzzle! Each digit in this Sudoku represents a letter (see table above). Solve the Sudoku to reveal which four digits appear in the highlighted cells. Reading from top to bottom, the correlating letters to these four digits spell out a word. This word is the competition solution.

Competition solution: | | | | |

Or you can enter online at: www.puzzler.com

This competition is running in conjunction with other participating Puzzler Media titles.

Mr/Mrs/Miss/Ms *(Please delete as appropriate)* **First Name** ..... **Surname** .....

Address ..... **Post Code** .....

Main tel. no. ..... **Mobile no.** .....

E-mail address .....

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How To Solve Sudoku

Place a digit from 1-9 in each empty cell so that each row, each column and each 3x3 block contains all the digits from 1-9.

Solving tip: stepping stones

As the same digit can't fall in the same row or column as itself, by focusing on a single digit in a 3x3 block (eg. 7 in the middle-right 3x3 block of this example) there often remains only one place for a digit to go.

Solving tip: row, box and column

It is possible to zone-in on a single cell and, by taking account of the other numbers in the row, column and 3x3 block in which it appears, identify the digit that must appear in that cell, eg. only an 8 can go in the highlighted cell of the example.

Solving tip: exceptions

Sometimes, you'll need to consider which numbers cannot go in certain cells, eg. look at the central 3x3 block at the bottom of the example. We know what digits must go in the empty cells, but we don't yet know the order. But, this information can be used to help fill the other blank cells along this row (5 and 7).

Sudoku is simple to learn, requires no calculations, and provides a surprisingly wide variety of logical situations. Good luck!

4		1				8		3
	7		3	1	8	4	9	
3		9	2	4	5		1	7
	9		7		4	5		
7	4	2		5		1	3	9
		3	1		9		4	
2	1		5	7	3	9		4
	3	7	4	9	1		6	
9		4	268	268	268	3		1

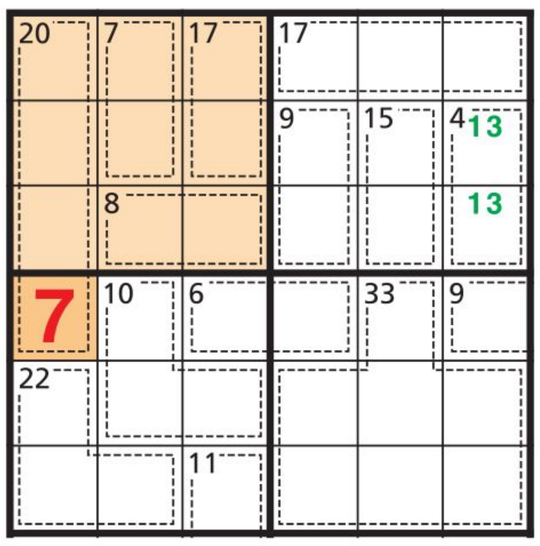
Example.

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

Solution.

Killer Sudoku

The normal rules of Sudoku apply. In addition, the digits in each inner shape (marked by dots) must add up to the number in the top corner of that box. No digit is repeated in an inner shape.



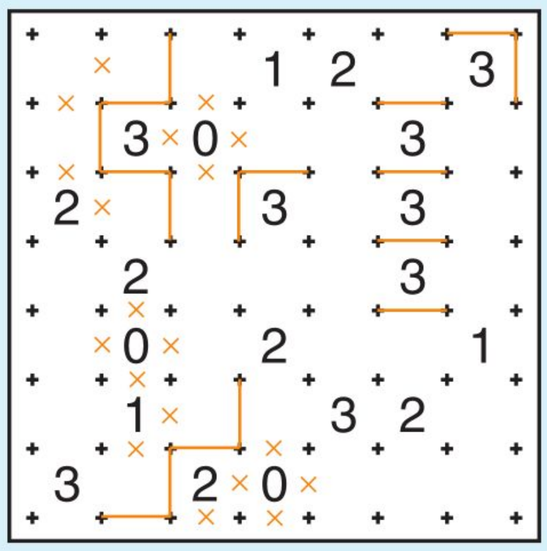
Extract of a Killer Sudoku.

Remember:

- The numbers in each row, each column and each 3x3 block must always add up to 45. (1+2+3+4+5+6+7+8+9=45.)
- For some inner shapes, only one combination of digits will be possible, eg. a 1 and 3 in a two-cell 4-sum.
- Don't forget the basic rules of Sudoku. It's easy to get tangled up in sums when the standard rules will get you there.

Loop the Loop

Connect adjacent crosses with vertical or horizontal lines so that a single loop is formed with no crossings or branches. Each number indicates how many lines surround it, while empty cells may be surrounded by any number of lines.



Solving tips:

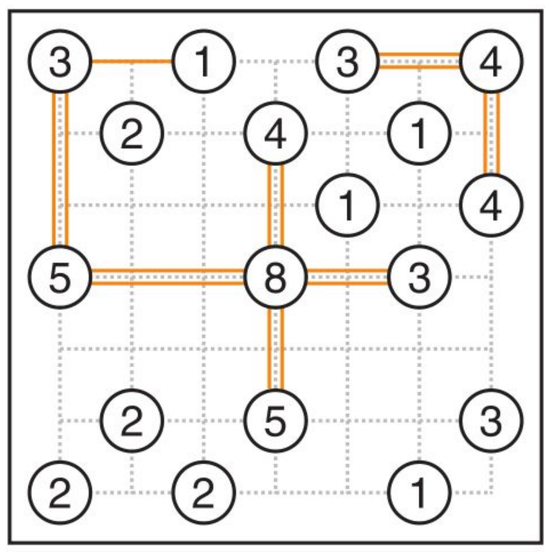
- Mark gaps with an x, between crosses you know cannot be linked, eg. around 0s.
- To create a single loop, the line must always be extended. Certain patterns in the positioning of clues will set you on your way, eg. where a 3 is adjacent to a 0 or adjacent 3s.

Bridges

Each circle containing a number represents an island. The object is to connect each island with vertical or horizontal bridges so that:

- the number of bridges equals the number inside the island;
- there is a continuous path connecting all the islands.

There can be up to two bridges between two islands. Bridges cannot cross islands or other bridges.



Solving tips:

- Start with 8-islands (the maximum number of bridges an island could have).
- Islands in corners are restricted.
- Each newly placed bridge limits the options for surrounding islands.



2

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

3

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



4

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

5

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

6

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

7

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

8

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

9

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

10

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

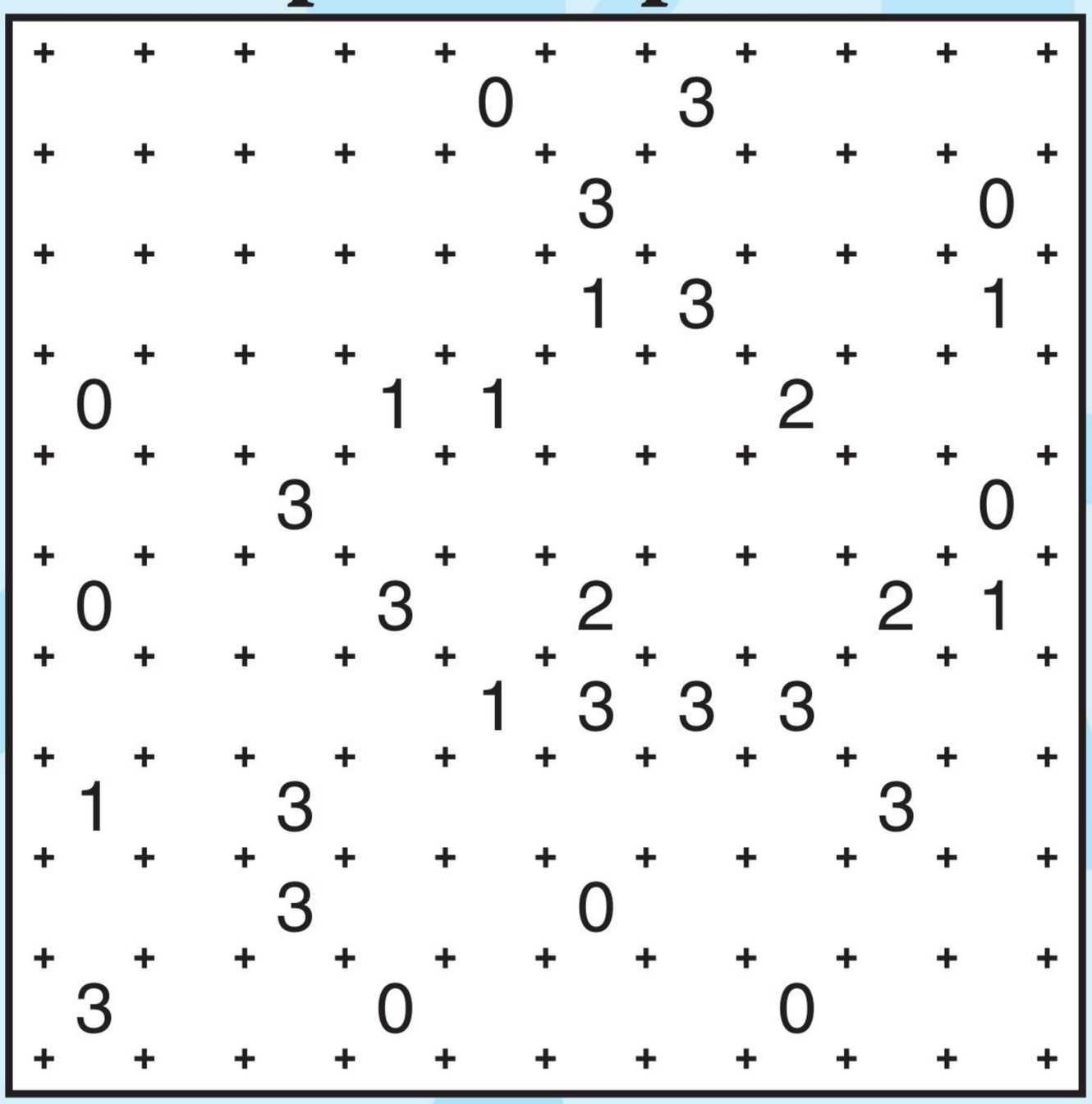
11

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

12 Loop the Loop

Join the crosses to make a single loop. Each number tells you how many lines surround it.

See page 4 for details.



13

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

14

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

15 Killer



This puzzle combines Sudoku and Kakuro. The normal rules of Sudoku apply. In addition, the digits in each inner shape add up to the number in the top corner of that box. No digit is repeated in an inner shape.

Full details are on page 4.

19	9	26			3	18	8	
			15					11
		25		23				
8				10		30	11	
	13	6			22			
		23	14	6		10		
							11	
23				13	8		8	
	10				22			

16

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

17

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

18

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

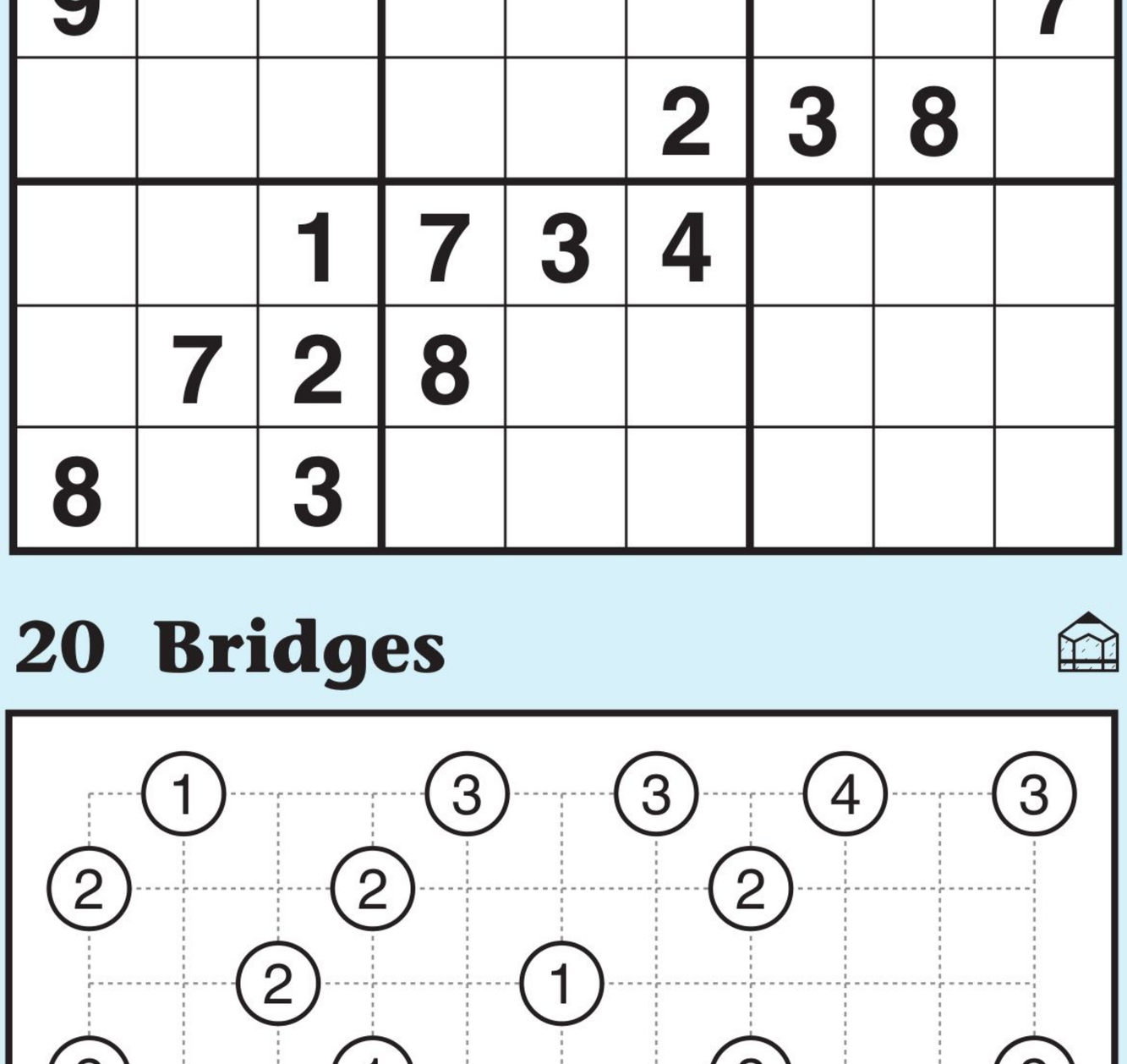
19

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

20 Bridges

The circles are islands. The numbers tell you how many bridges are connected to each island. A maximum of two bridges can connect any two islands.

See page 4 for full details.



Medium

21

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

22

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

23

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

24

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

25

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

26 Suguru

3		5					3
		1					
						1	
		2		5			

Fill the grid so that each cell contains a digit. A bold outlined cluster of two cells contains the digits 1 and 2, a cluster of three cells contains the digits 1, 2 and 3, and so on. No same digit appears in any neighbouring cell, not even diagonally.

27 Suguru

	5	1					
		2					
	4	3					
	2						
		2					
			5				

28 Suguru

3			
	3	5	
2			2
		3	
	4	2	



Suguru is a hugely enjoyable logic puzzle from Puzzler.

Don't miss your copy of *Puzzler Suguru* magazine, available in the shops now!

29 Suguru

					2		
5	2						
						4	
			5				
							3

30

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

31

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

32 Killer



The normal rules of Sudoku apply.
In addition, the digits in each inner shape add up to the number in the top corner of that box. No digit is repeated in an inner shape.

Full details are on page 4.

20	15	8	19	6	20			
					11	23		7
	16						10	
			5	22	5			15
8	12				13			
	11		18		7	22		7
17	12						21	
				15		3		
	30						7	

33

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

34

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

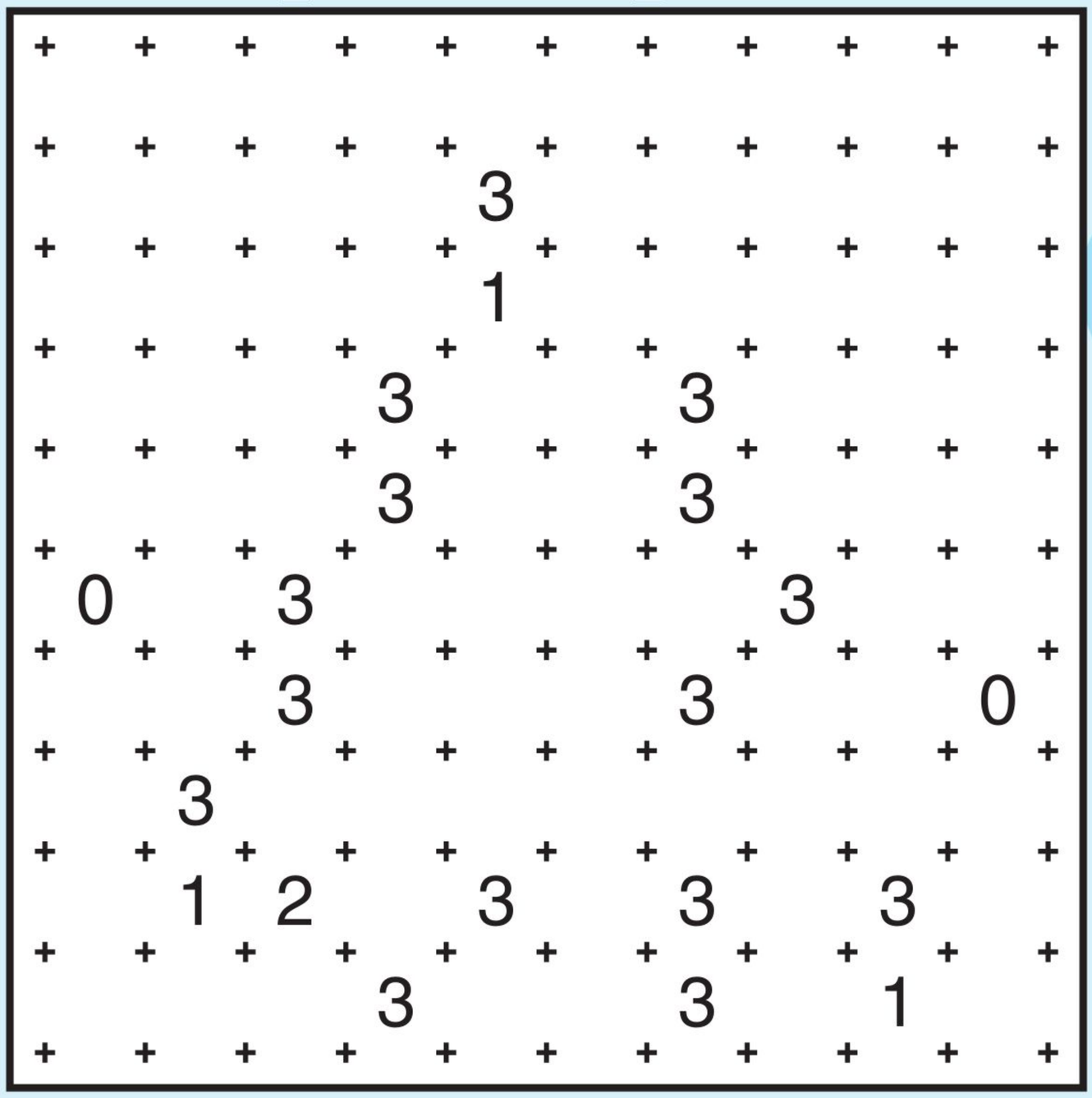
35

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

36

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

37 Loop the Loop



Join the crosses to make a single loop. Each number tells you how many lines surround it.

For full details on how to solve this puzzle, see page 4.

38

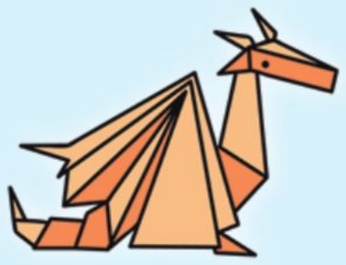
				3	7	4		
			9	5			6	2
					1		5	
					4	1		
5	6	3				2	4	8
		1	8					
	7		5					
1	2			8	3			
		6	7	1				



39

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

40 Futoshiki



This Japanese puzzle is related to Sudoku. Each line across and down must contain all the numbers 1-9.

Use the given numbers and the symbols that tell you if the digit in a cell is larger (>) or smaller (<) than the digit next to it.

					8			9
	3							
						3		
				7				
4		3						
						8		2
		7						
			1					

41

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

42

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

43

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

Enjoy **Puzzler Sudoku**? Turn to page 82 for a great subscription offer!

44

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



45

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

46

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

47

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

48

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

49 Tatami

Like Sudoku, Tatami will challenge the versatility of the solver.

The digits 1-5 must appear **twice** in each row and column, and **once** in each inner shape. The same digits cannot be placed in cells that share an edge, but can be placed in diagonally adjacent cells.

		3	5				2	5	
					4	3		3	
							5		3
2		2		3	5				
5	2		1				3		
		1				3		1	5
				2	4		2		3
3		5							
	1		5	3					
	5	2				4	3		

50

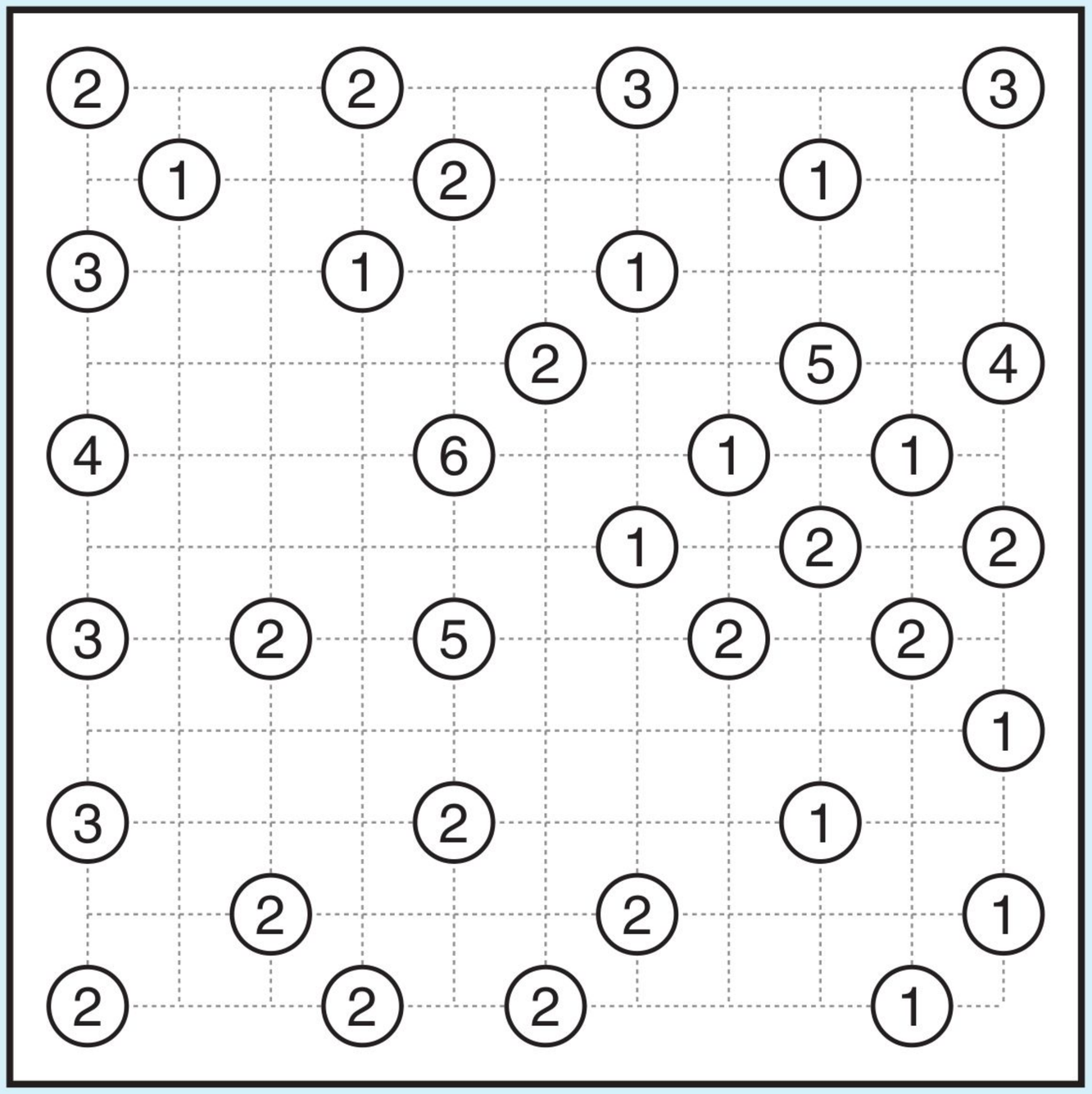
							8	9
			1	2				
	1	3				5	7	
	4				5	6	9	3
			4		6			
6	9	7	2				4	
	7	9				2	3	
				8	2			
1	8							

51

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



52 Bridges



These puzzles have become known as Hashi, the Japanese for Bridges.

For full details on how to solve this puzzle, see page 4.

53

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

54

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

55

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

GUEST PUZZLE: MINUPLU

MinuPlu is a neat little logic puzzle that also requires some mathematical ability.

Place a digit from 1-6 in each cell. The digits in each heavily bordered region must combine to produce the total in the top corner of that region, using only the mathematical operator specified (+, –, x, ÷). Digits can be repeated in a region, but not in the same row or column. Enjoy!

56

3–		7+	11+	7+	5+
6+					
24×		3÷		15×	
	90×	2÷		20×	
15×			3+		
	6×			24×	

57

6×		30×			12×
5–	3+	24×		9+	
		2–			3÷
60×	60×		6+		
	48×		3÷		7+

58

2–		12+	24×	2–	
30×				20×	5+
30×					
		2÷	10×		144×
7+	3+				
		2÷		4–	

59

6×		24×	120×		
12×				4+	15×
	9+		60×		
20×	30×				
	72×		6×		2–
			5–		

Did you enjoy this puzzle? Let me know what you think - email: ariane.blok@puzzlermedia.com

60

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

61

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

62

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

63

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

64

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

65

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

66

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

67 Killer

This puzzle combines Sudoku and Kakuro. The normal rules of Sudoku apply. In addition, the digits in each inner shape add up to the number in the top corner of that box. No digit is repeated in an inner shape.

Full details are on page 4.

8		16		19	20			22
8		22				10		
12			8	16				
30						13		
			18	20		13		8
12		9					5	
				24				6
16		10	18		8			
7					27			

68

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



69

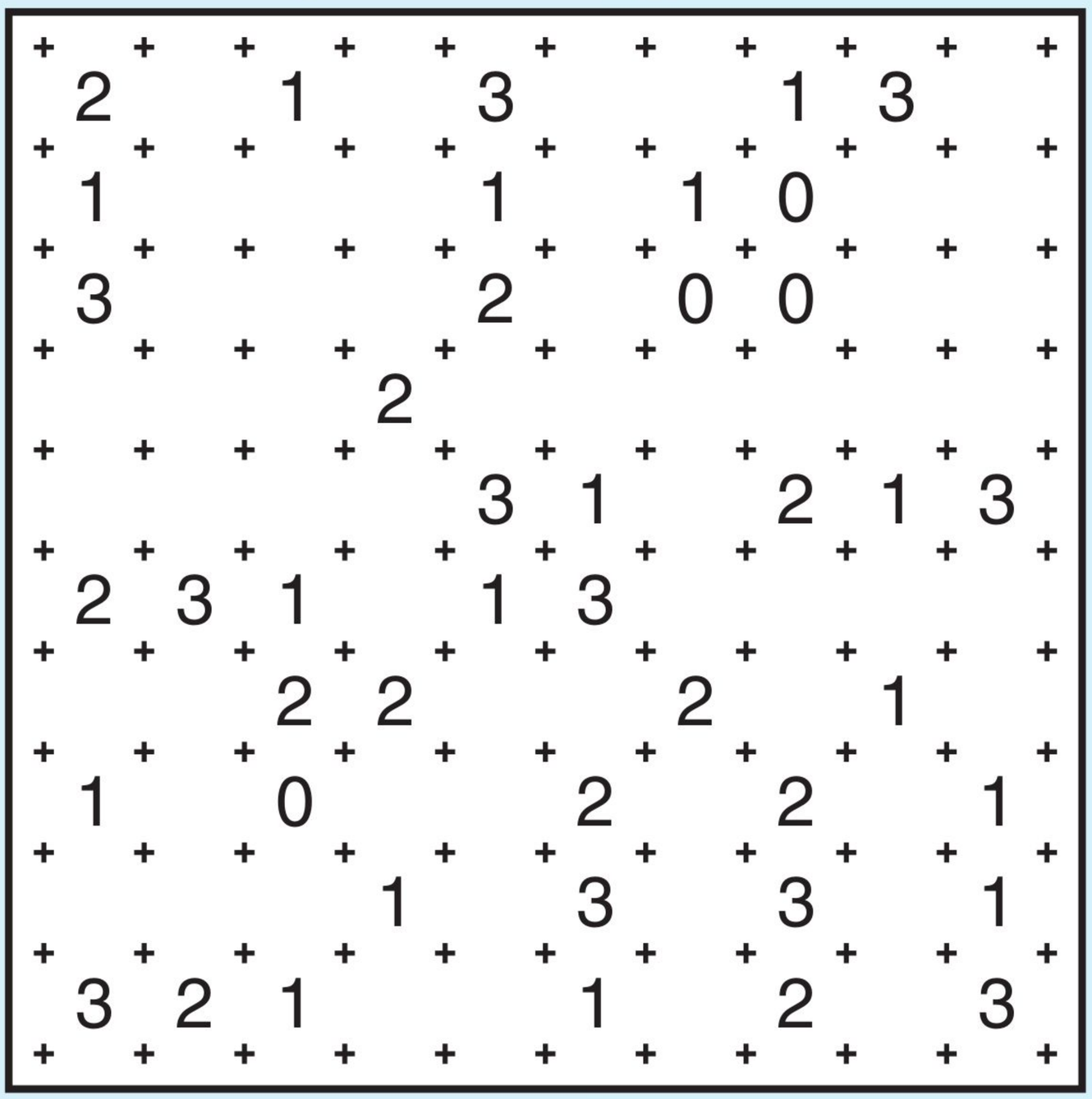
				1				
		5						3
1	8			4	5			2
6	1							
	9	3				7	5	
							8	4
9			6	3			4	1
3						5		
				8				

70 Loop the Loop



Join the crosses to make a single loop. Each number tells you how many lines surround it.

For full details on how to solve this puzzle, see page 4.



71

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

72

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

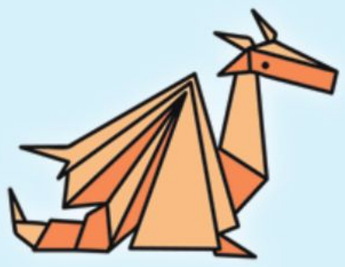
73

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

74

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

75 Futoshiki



This Japanese puzzle is related to Sudoku. Each line across and down must contain all the numbers 1-9.

Use the given numbers and the symbols that tell you if the digit in a cell is larger (>) or smaller (<) than the digit next to it.

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

76

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

77

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

78

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

79

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

80

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

81

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

82 Tatami

Like Sudoku, Tatami will challenge the versatility of the solver.

The digits 1-5 must appear **twice** in each row and column, and **once** in each inner shape. The same digits cannot be placed in cells that share an edge, but can be placed in diagonally adjacent cells.

	1		5	3			1		
		1	2		5		4		
		3						2	
	2			5					
						4		4	3
2	4		1						
					2			5	
	5								
		4		5		2	5		
		2			4	5		1	

83

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

84

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

85

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

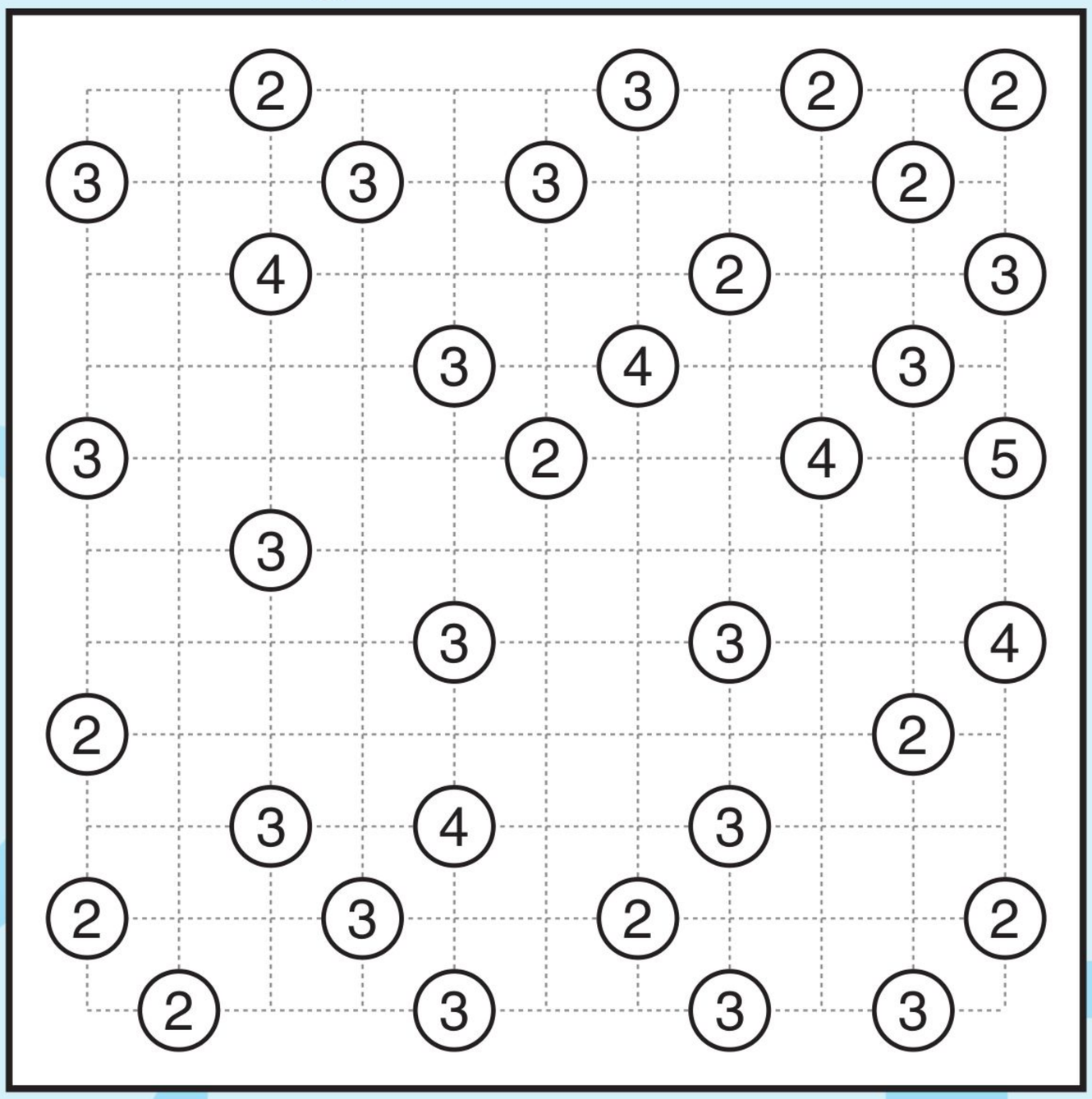
86

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

87 Bridges

The circles are islands. The numbers tell you how many bridges are connected to each island. A maximum of two bridges can connect any two islands.

See page 4 for full details.





88

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

89

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

90

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

91

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

92

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

Don’t forget, if you would like to subscribe to **Puzzler Sudoku**, turn to page 82.

93 Killer

The normal rules of Sudoku apply. In addition, the digits in each inner shape (marked by dots) must add up to the number in the top corner of that box. No digit is repeated in an inner shape.

Full details are on page 4.

18			18		26	11		16
6			7					
12		22		12			12	
8					13			8
14	20	7			10	16		
		16	19	8		15		28
				19				
16		21					7	

94

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

95

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

96

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

97

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

98

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



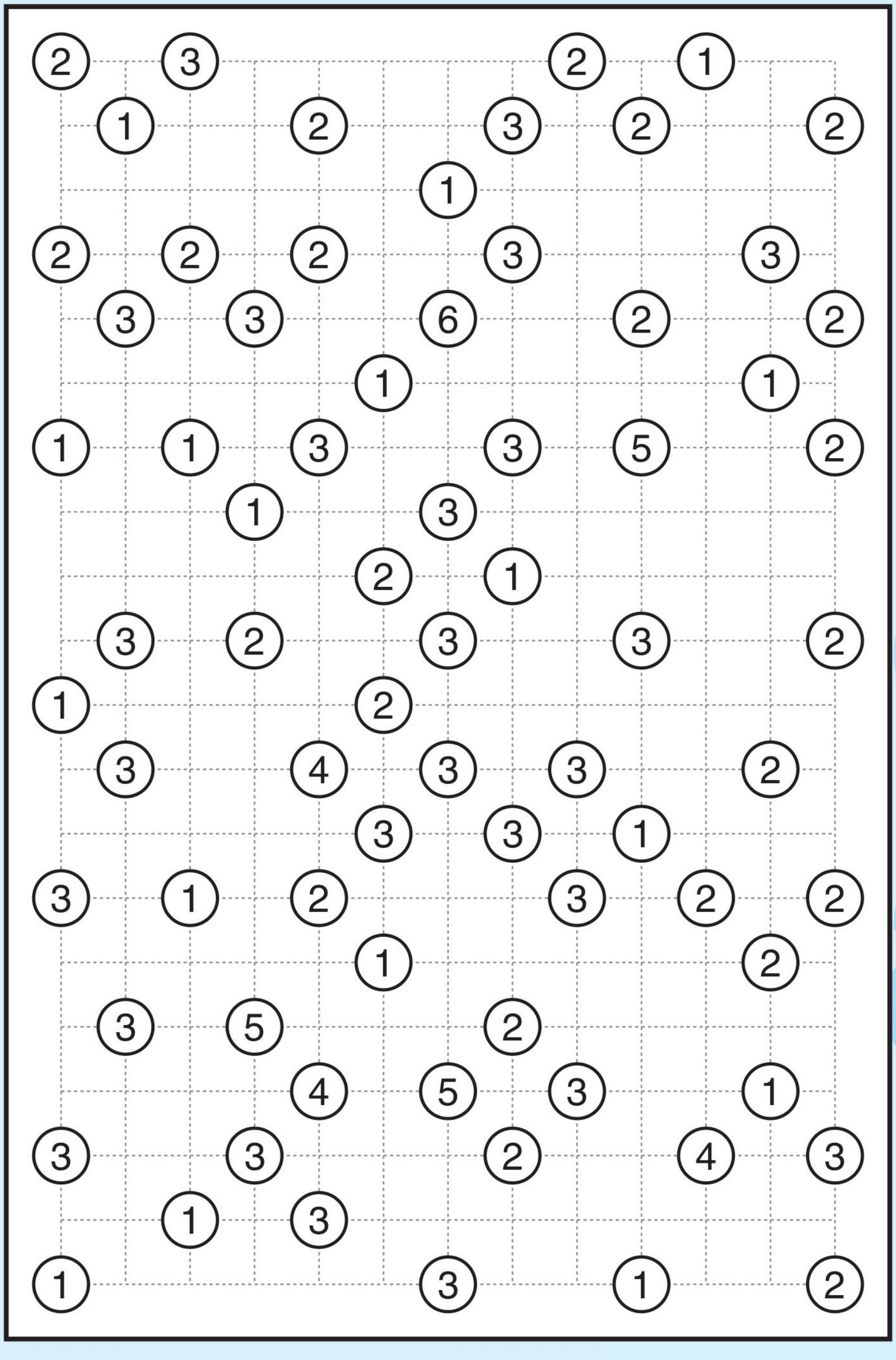
99

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

100

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

101 Bridges



Each circle containing a number represents an island. The object is to connect each island with vertical or horizontal bridges so that the number of bridges equals the number inside the island; there is a continuous path connecting all the islands. There can be a maximum of two bridges between two islands. Bridges cannot cross islands or other bridges. For more details on how to solve this puzzle, see page 4.

102

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

103

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

104

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

105

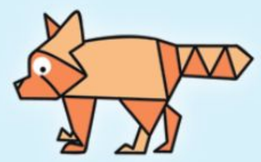
			3					
		4			9			
		6			4	1		5
	6	5	7	3				8
3				6				2
8				5	2	6	7	
9		1	8			7		
			1			8		
					3			

106

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

107

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



108

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

109

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

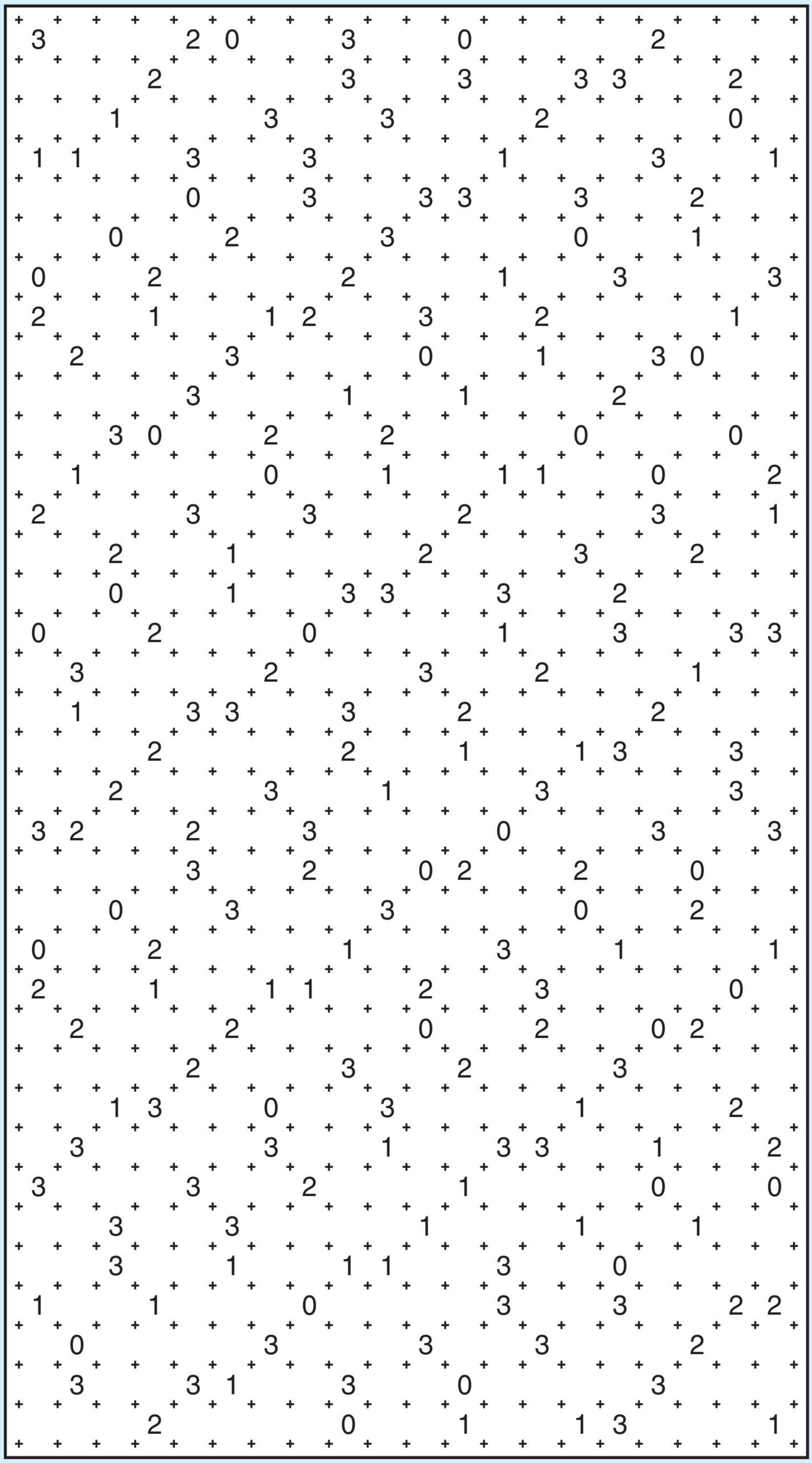
110

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

111

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

112 Loop the Loop



For details on how to solve this puzzle, see page 4.

113

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

114

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

115

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

116

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

117

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

118

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

119

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

120 Killer

The normal rules of Sudoku apply.
In addition, the digits in each inner shape (marked by dots) must add up to the number in the top corner of that box.
No digit is repeated in an inner shape.

Full details are on page 4.

21		10		20		13		19
		12				7		
14	20		23			8		
				13			20	
12					13			20
23		19				11		
				13	21			
4	11	18				11		
			3		26			

121

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

122

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



123

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

124

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

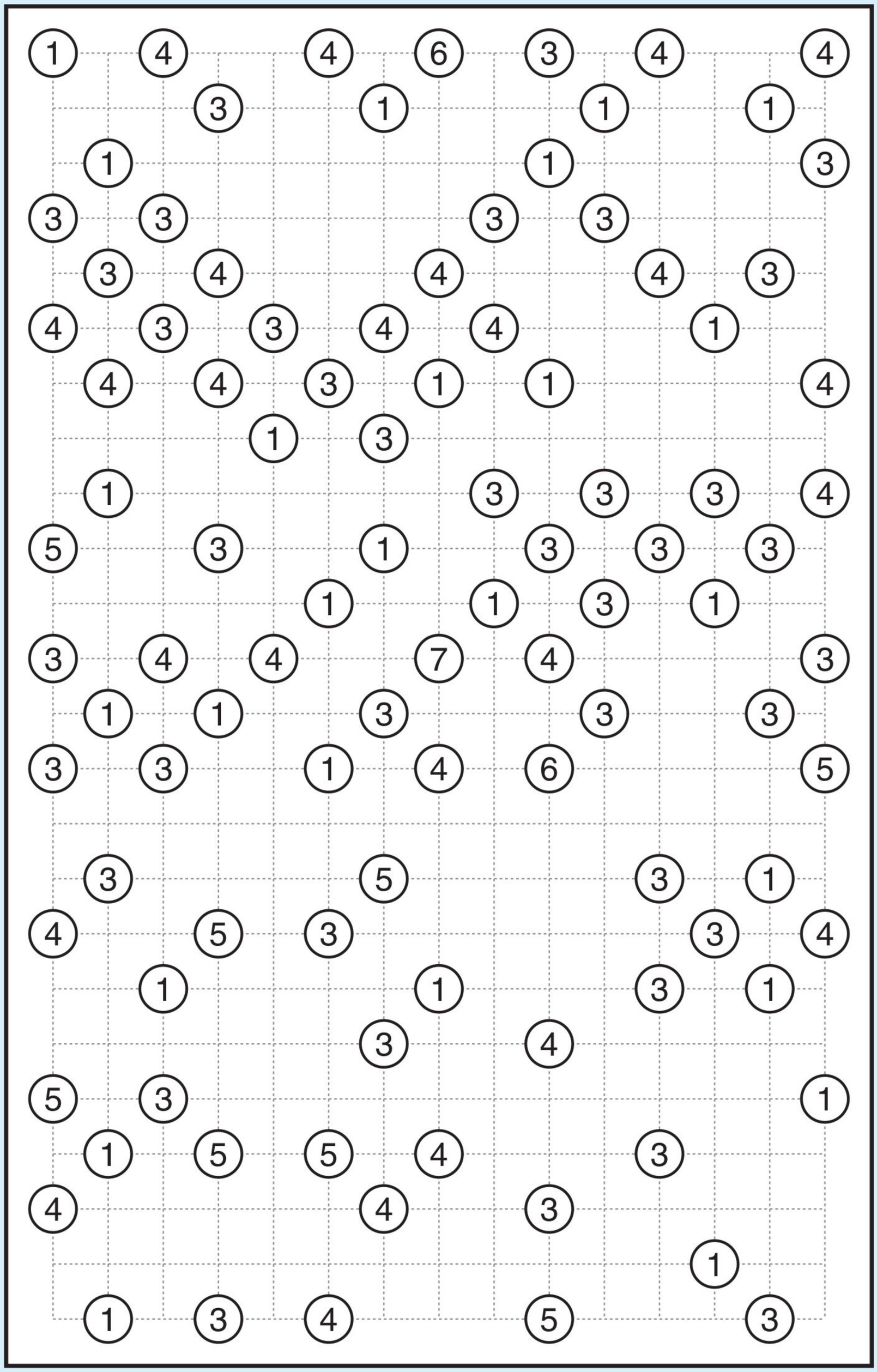
125

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

126

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

127 Bridges



For full details on how to solve this puzzle, see page 4.

128

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

129

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

130

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

131

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

132

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

133

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

134

		6		1	9			
			2		3			7
	7		8			2		
6	4					5		
	9						6	
		1					8	2
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137

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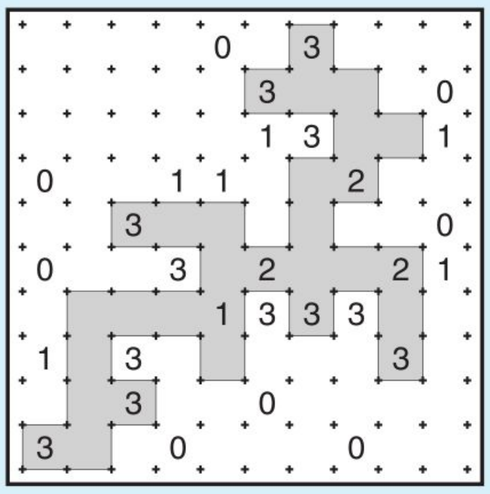
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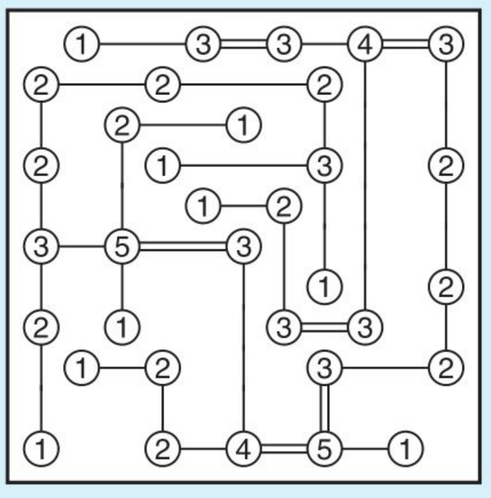
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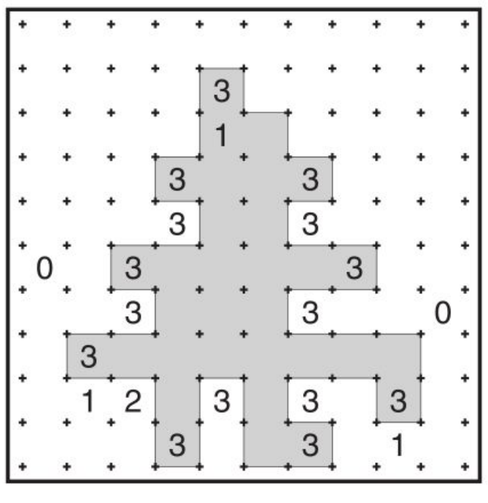
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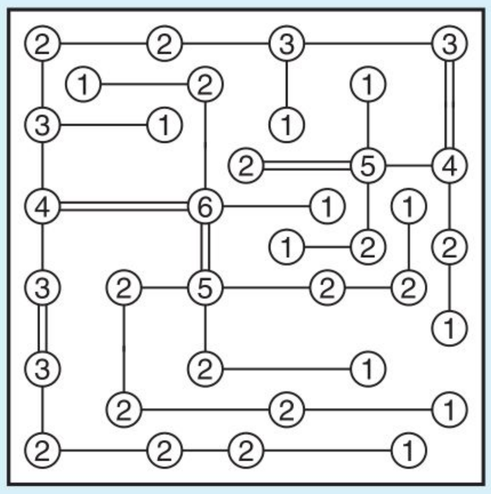
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52



53

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54

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56

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6+ 1	4	3	5	6	2
24× 4	1	3÷ 6	2	15× 3	5
6	90× 3	2÷ 2	4	20× 5	1
15× 3	6	5	3+ 1	2	4
5	6× 2	1	3	24× 4	6

57

6× 2	3	30× 1	5	6	12× 4
5− 1	3+ 2	24× 6	4	9+ 5	3
6	1	2− 5	3	4	3÷ 2
60× 4	60× 5	3	6+ 1	2	6
5	48× 6	4	3÷ 2	3	7+ 1
3	4	2	6	1	5

58

2− 6	4	12+ 5	24× 2	2− 3	1
30× 1	5	6	3	20× 4	5+ 2
30× 2	6	1	4	5	3
5	3	2÷ 4	10× 1	2	144× 6
7+ 3	3+ 1	2	5	6	4
4	2	2÷ 3	6	4− 1	5

59

6× 3	2	24× 1	120× 5	4	6
12× 2	1	6	4	4+ 3	15× 5
6	9+ 5	4	60× 2	1	3
20× 4	30× 3	2	6	5	1
1	72× 6	5	6× 3	2	2− 4
5	4	3	5− 1	6	2

60

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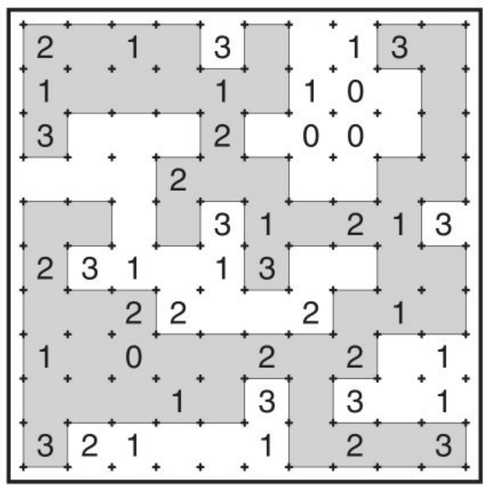
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72

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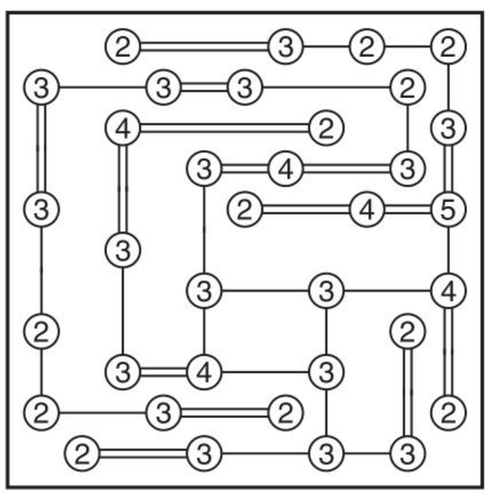
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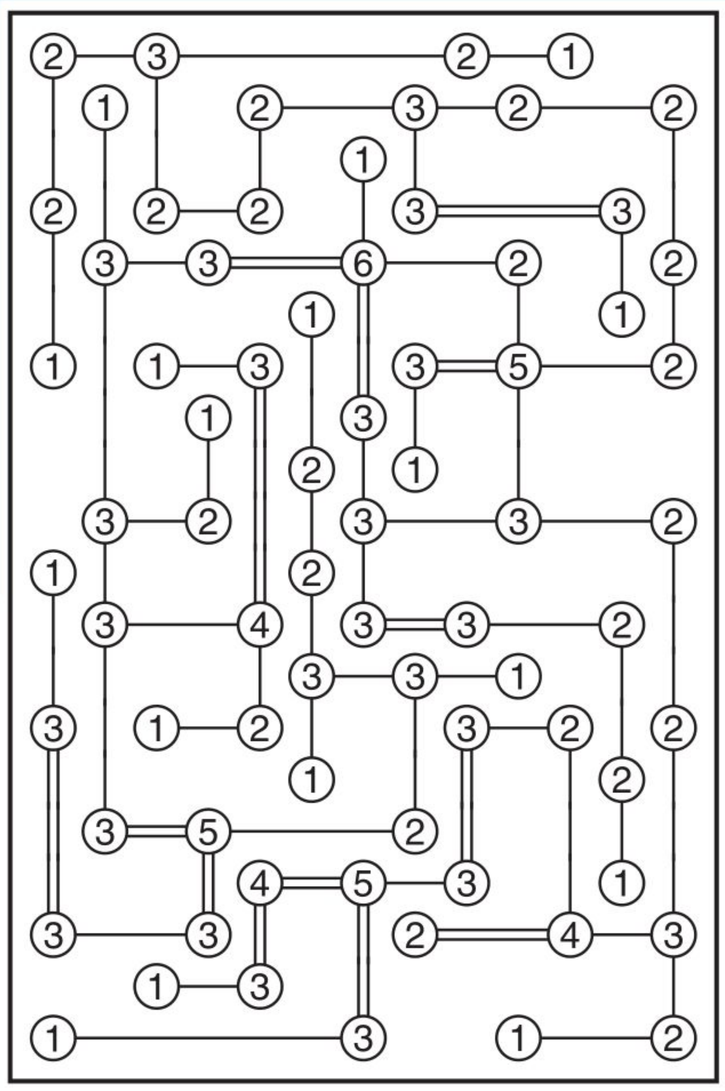
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101



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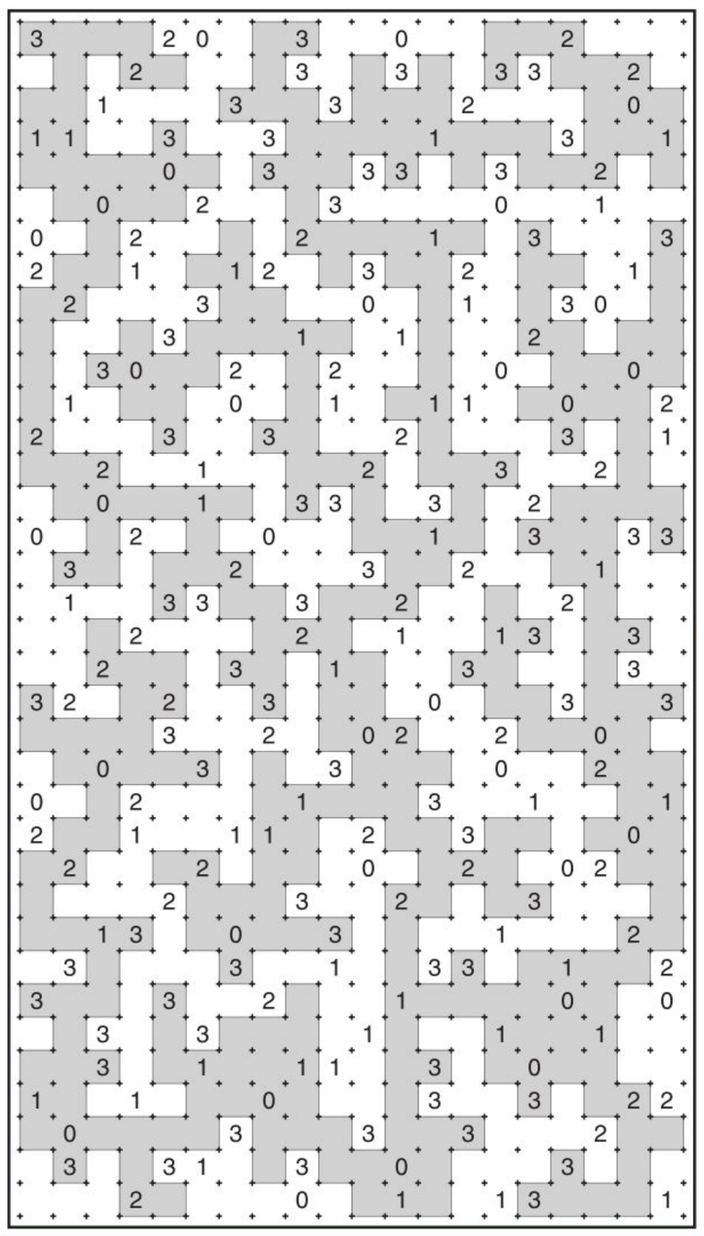
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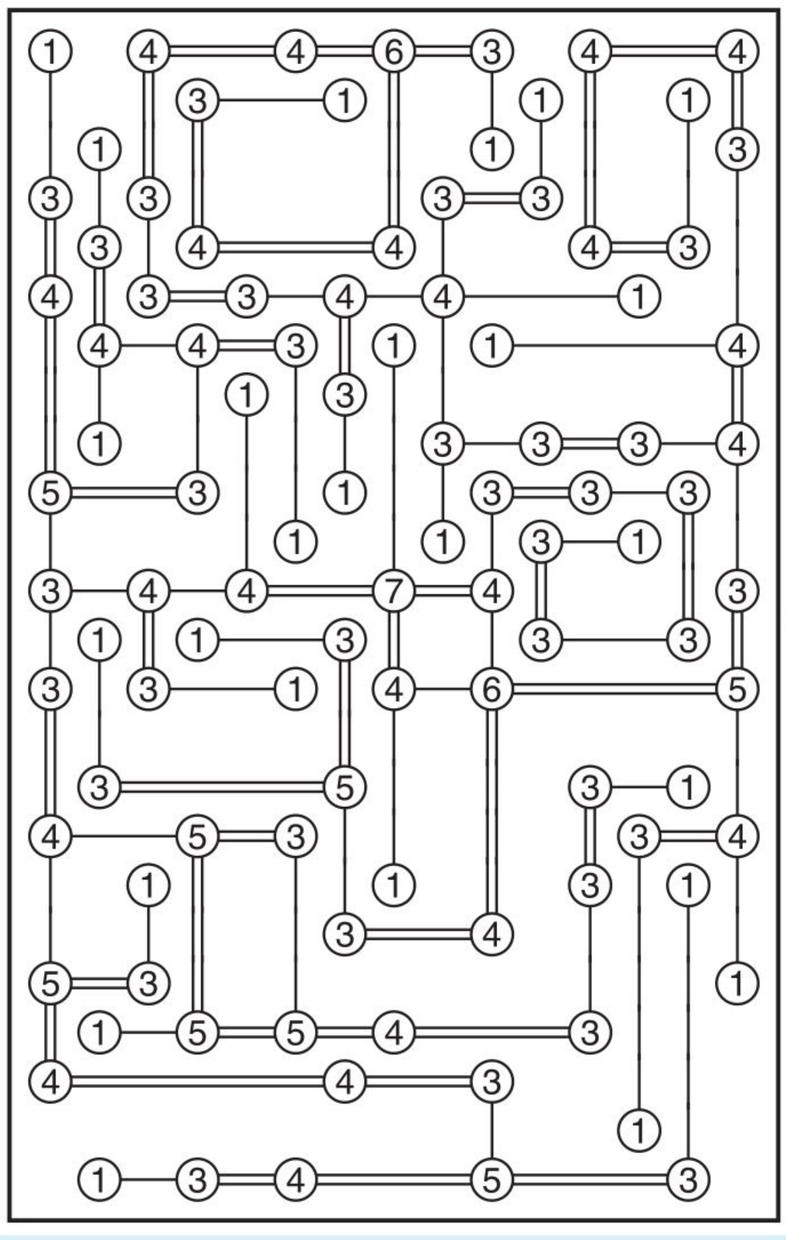
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127



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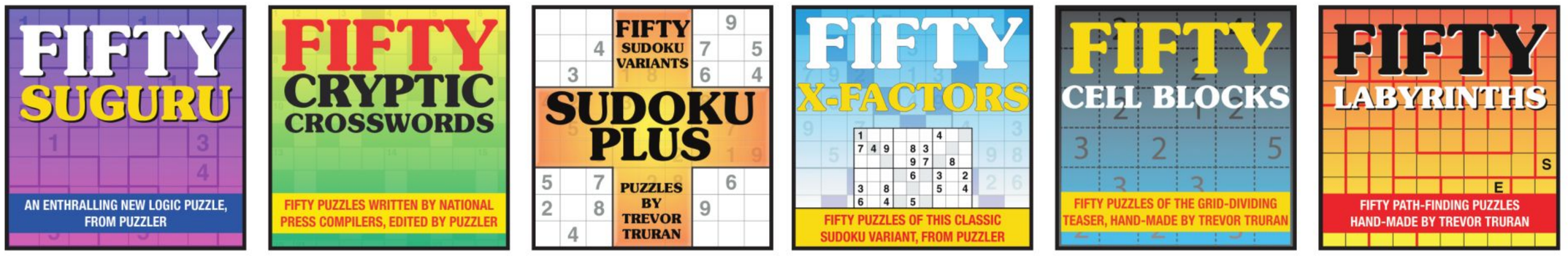
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131

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