

Chessudoku

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Preface

I had the idea for this book when I read an article by Ed Pegg, Jr. on the Mathematical Association of America Web site.¹ He proposed a set of rules for “Chess Sudoku” somewhat different from the rules I use, but while I was investigating the possibilities of puzzles using his rules, I had ideas for several other kinds of number-placement puzzles using chess pieces and some of those are included here. Generating the puzzles proved to be so addictive that I spent a lot of time on it I really should have spent doing other things (like working on my PhD thesis); part of the reason for publishing this book is to redeem that time, and maybe make some money from it.

The puzzles are generated by a combination of human design and computer search. I use a customized solver written using the CHR constraint logic system on top of SWI-Prolog; the solver is several orders of magnitude slower than the current state of the art in high-speed computer Sudoku solvers, but it has the big advantage of easy customizability for rule variations. The general approach for making a puzzle is to start with a random solution and then erase cells as far as possible without creating alternate solutions. I modify the process a little to make symmetric puzzles, and run each finished puzzle through the solver a second time to confirm that it has exactly one solution and get a difficulty estimate.

Re-checking is also important because I am constantly modifying the software to take into account new rule variations and solution techniques, so I sometimes have puzzles lying around that may have been based on incorrect logic from experimental software versions. Each rule variant raises different technical challenges for the computer solver, and it often takes several rewrites

¹http://www.maa.org/editorial/mathgames/mathgames_09_05_05.html

to tune the solver to a variant.

After generating a list of puzzles containing up to twice as many as I actually want, I go through and manually select the ones that look best for inclusion in the book. A few minutes to an hour of computer time goes into each finished puzzle; the entire book, taking into account puzzles that were generated but not used, took several weeks. The amount of human labour is hard to estimate, but roughly corresponds to my spare time for that period.

I am seriously considering publishing some of my other work through Lulu.com too, so this book is also intended to serve as a trial run for other projects. If you like it and would like to see others, please let me know. Would you like more Chessudoku puzzles? More of other kinds of puzzles? A Pimpmaster C finance textbook? A collection of short stories? Astrological notes and an ephemeris for the minor planet 2202 Pele? Those are just a few of the projects I'm considering—but whether they're worth doing depends on whether people will buy them. I will be setting up a Web site for this volume at <http://ansuz.sooke.bc.ca/books/chessudoku/> to collect comments and suggestions. Some of the puzzles in this book, and others of a similar nature, are also included in the pool for my “Matt's Puzzle Corner” daily Web site feature at <http://ansuz.sooke.bc.ca/sudoku/>, so you may want to subscribe to that for an ongoing supply.

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This book was typeset with the \LaTeX typesetting system and these typefaces:

- Charter by Matthew Carter for the main text;
- Avant Garde by Herb Lubalin for headings;

- *Augie* by Steven J. Lundeen for script numerals in puzzles;
- ♔♚♜♝ [Skak New] by Ulrich Dirr for chess symbols;
- ☆❖✔☉ [Zapf Dingbats] by Hermann Zapf for, surprisingly enough, dingbats; and
- Computer Modern by Donald Knuth for URLs and a few additional symbols like “×”.

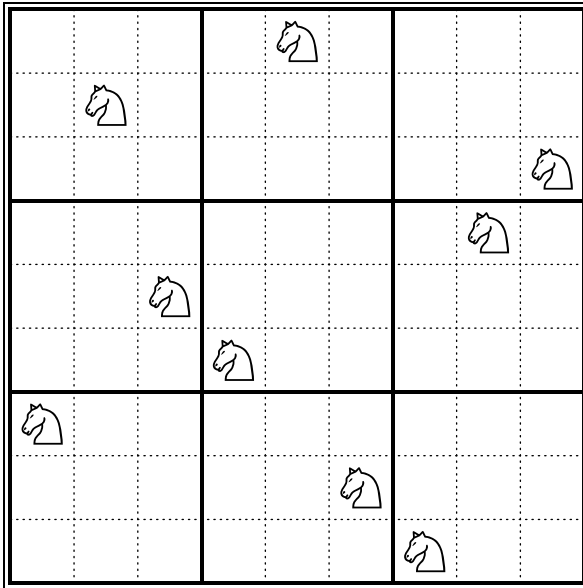
The cover background image is a Volterra-Lotka fractal generated by `xfractint`, using the `atan` and `tdis` colouring options. The chess position is the final position from the 11 May 1997 game between the human World Chess Champion Garry Kasparov (Black) and the IBM computer Deep Blue (White). Kasparov’s spectacular 19-move loss of that game, and so the match, was a landmark event in the history of the human relationship with artificial intelligence.



I. White King



The White King invited the Black King to tea in the Sudoku garden. After they refreshed themselves, the talk turned (as it often did with these two) to military matters. They debated ways to avoid the problem of friendly fire, and the White King summoned some of his knights to demonstrate his own special way of deploying his forces.



“As you can see, old chap,” he said to the Black King, “I’ve arranged nine knights on the 81 squares of the Sudoku garden in such a way that no two knights are in the same horizontal rank or vertical file. Furthermore, no knight can reach any other knight by a chess knight’s move of two squares horizontally or vertically



followed by one more square at right angles. Thus, it's impossible for them to attack each other by mistake."

"I see something else that piques my interest," said the Black King. "One of your children was playing here earlier and left numbers chalked on the pavement. You happen to have placed your knights on all the 9s in the solution to a Sudoku puzzle, and the remaining numbers 1 to 8 still form something like a Sudoku solution." It was true: every rank, file, and marked-off 3×3 block of the Sudoku garden contained each of the digits 1 to 8 exactly once, as well as one White knight.

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

After some more experimentation and a lot of chalking and rubbing-out of figures on the ground, the kings determined that it wouldn't always work: if you played Sudoku in the ordinary way, quite often you'd end up with two 9s a knight's move apart, so you couldn't replace all the 9s with White knights and always have them unable to attack each other. But they found many puzzles where it did work, and here are some of them.

These puzzles are similar to the popular Sudoku puzzles you may be familiar with: given a grid with some squares already marked, you must fill in the numbers and White knights so that every rank, file, and marked-off 3×3 block in the grid contains each digit from 1 to 8 once, and one White knight. However, no two knights can be a chess knight's move apart; and you will need to use that fact in order to solve the puzzles. Even if there are no White knights visible in the clues, you'll still need to be aware of the rule regarding their placement, in order to solve the puzzles.

As in regular Sudoku, there is a solution for every puzzle and only one solution for every puzzle. The solutions are at the back of the book, in randomized order so that you can look up just one without accidentally seeing the solution for the next puzzle. Each puzzle is labelled with the page number of the solution. But you should be able to find the solutions by logic, based on the clues you are given. It is traditional to outlaw "guessing," but nobody has been able to give me a convincing explanation of what that actually means, so there's no point saying it. Guess if you want to.

The puzzles are arranged in increasing order of difficulty, from easy to nearly impossible, according to a computer analysis of their difficulty that may or may not be accurate. Ratings below 200 are considered "easy" and ratings above 300 are very hard; ratings in between are suitable for intermediate players. Don't be fooled by the number of "given" squares. That has almost nothing to do with how difficult each puzzle may be.

Oh—and if you have trouble drawing the little pictures of knights, you're welcome to just use the letter "N" instead. That's what I do. Don't use "K" because it'll cause confusion later. To coin a phrase, "Save your 'K,' Reader, there's kings!"



Puzzle #1, diff. 166, soln. p. 237

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

Puzzle #2, diff. 169, soln. p. 242

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



Puzzle #3, diff. 170, soln. p. 256

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

Puzzle #4, diff. 170, soln. p. 222

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



Puzzle #5, diff. 172, soln. p. 233

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

Puzzle #6, diff. 172, soln. p. 220

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



Puzzle #7, diff. 173, soln. p. 264

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

Puzzle #8, diff. 173, soln. p. 227

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



Puzzle #9, diff. 173, soln. p. 217




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

Puzzle #10, diff. 173, soln. p. 240



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



Puzzle #11, diff. 173, soln. p. 217

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

Puzzle #12, diff. 173, soln. p. 230

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



Puzzle #13, diff. 173, soln. p. 232

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

Puzzle #14, diff. 175, soln. p. 237

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



Puzzle #15, diff. 175, soln. p. 221

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

Puzzle #16, diff. 175, soln. p. 221

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



Puzzle #17, diff. 175, soln. p. 254




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

Puzzle #18, diff. 175, soln. p. 247



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



Puzzle #19, diff. 175, soln. p. 220

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

Puzzle #20, diff. 176, soln. p. 208

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



Puzzle #21, diff. 176, soln. p. 243

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

Puzzle #22, diff. 176, soln. p. 235

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



Puzzle #23, diff. 176, soln. p. 238

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

Puzzle #24, diff. 185, soln. p. 228

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



Puzzle #25, diff. 187, soln. p. 227

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

Puzzle #26, diff. 187, soln. p. 244

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



Puzzle #27, diff. 188, soln. p. 241

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

Puzzle #28, diff. 189, soln. p. 260

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



Puzzle #29, diff. 190, soln. p. 212



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

Puzzle #30, diff. 196, soln. p. 247



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



Puzzle #31, diff. 196, soln. p. 220

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

Puzzle #32, diff. 196, soln. p. 210

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



Puzzle #33, diff. 198, soln. p. 232



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

Puzzle #34, diff. 204, soln. p. 257



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



Puzzle #35, diff. 206, soln. p. 253

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

Puzzle #36, diff. 208, soln. p. 263

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



Puzzle #37, diff. 209, soln. p. 240

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

Puzzle #38, diff. 216, soln. p. 222

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



Puzzle #39, diff. 219, soln. p. 225

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

Puzzle #40, diff. 224, soln. p. 249

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



Puzzle #41, diff. 234, soln. p. 233


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

Puzzle #42, diff. 235, soln. p. 217


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



Puzzle #43, diff. 237, soln. p. 255



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

Puzzle #44, diff. 246, soln. p. 206

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



Puzzle #45, diff. 253, soln. p. 234

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

Puzzle #46, diff. 256, soln. p. 250

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



Puzzle #47, diff. 258, soln. p. 222

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

Puzzle #48, diff. 262, soln. p. 240

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



Puzzle #49, diff. 266, soln. p. 219

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

Puzzle #50, diff. 353, soln. p. 251

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

II. Black King



“I’m impressed by your knights’ tactical cleverness,” said the Black King to the White King, “but I don’t think much of the way you’ve deployed them. Instead of arranging them so that *none* can reach each other with a knight’s move, I’d deploy my own Black knights so that *all* of them can reach each other, or at least, so each of them can reach at least one other.”

The White King didn’t believe it could be done, so the Black King made a quick phone call to one of his generals, and soon nine Black knights arrived. The Black King arranged them in the Sudoku garden to demonstrate his idea.

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

As before, every rank, file, and marked 3×3 block contains each of the digits 1 to 8 exactly once, and one knight; but the



Black knights are arranged so that each is within a knight's move of at least one other.

"If you arrange your knights so that they can't attack each other," said the Black King to the White King, "you're setting them up for defeat. Enemy soldiers will pick them off one by one and they won't be able to support one another. Deploying them my way allows them to function as a team, and with proper military discipline, friendly fire shouldn't be a problem."

"Interesting approach," commented the White King. "It seems that you can't ever place a knight in a corner of the board under those rules, because he would have to have a partner in one of the two cells he can reach. Both those cells are in the same block, so the other knight can't be placed in either of them." "That's true," said the Black King, "but I can certainly place a knight to attack a corner cell if I want to, and none of the other cells seem to be forbidden."

The kings designed some puzzles under the Black King's rules, and if you read the instructions in the previous chapter and the little story above, you should know how to solve them. Fill in the missing digits and Black knights to obey the rules of Sudoku, with the added rule that every Black knight must be supported by (that is, within a knight's move of) at least one other Black knight. As before, the puzzles are in order of increasing difficulty and the solutions are at the back of the book.





Puzzle #51, diff. 166, soln. p. 215

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

Puzzle #52, diff. 170, soln. p. 241

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



Puzzle #53, diff. 172, soln. p. 231

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

Puzzle #54, diff. 173, soln. p. 258

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



Puzzle #55, diff. 197, soln. p. 259

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

Puzzle #56, diff. 200, soln. p. 236

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



Puzzle #57, diff. 201, soln. p. 240



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

Puzzle #58, diff. 207, soln. p. 255



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



Puzzle #59, diff. 218, soln. p. 220

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

Puzzle #60, diff. 220, soln. p. 258

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



Puzzle #61, diff. 222, soln. p. 218



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

Puzzle #62, diff. 230, soln. p. 224



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



Puzzle #63, diff. 230, soln. p. 263


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

Puzzle #64, diff. 234, soln. p. 251


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



Puzzle #65, diff. 237, soln. p. 243



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

Puzzle #66, diff. 240, soln. p. 233



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



Puzzle #67, diff. 247, soln. p. 245

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

Puzzle #68, diff. 251, soln. p. 214

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



Puzzle #69, diff. 251, soln. p. 229

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

Puzzle #70, diff. 252, soln. p. 230

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



Puzzle #71, diff. 253, soln. p. 215

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

Puzzle #72, diff. 261, soln. p. 248

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



Puzzle #73, diff. 265, soln. p. 213

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

Puzzle #74, diff. 266, soln. p. 223

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



Puzzle #75, diff. 277, soln. p. 242




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

Puzzle #76, diff. 280, soln. p. 252



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



Puzzle #77, diff. 283, soln. p. 226


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

Puzzle #78, diff. 290, soln. p. 212


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



Puzzle #79, diff. 291, soln. p. 244



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

Puzzle #80, diff. 301, soln. p. 249




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



Puzzle #81, diff. 301, soln. p. 222

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

Puzzle #82, diff. 306, soln. p. 229

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



Puzzle #83, diff. 309, soln. p. 255


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

Puzzle #84, diff. 309, soln. p. 213


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



Puzzle #85, diff. 315, soln. p. 251


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

Puzzle #86, diff. 318, soln. p. 237


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



Puzzle #87, diff. 318, soln. p. 216

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

Puzzle #88, diff. 327, soln. p. 260

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



Puzzle #89, diff. 354, soln. p. 250



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

Puzzle #90, diff. 378, soln. p. 208




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



Puzzle #91, diff. 378, soln. p. 223



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

Puzzle #92, diff. 386, soln. p. 206


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



Puzzle #93, diff. 400, soln. p. 243


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

Puzzle #94, diff. 411, soln. p. 208


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



Puzzle #95, diff. 419, soln. p. 230



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

Puzzle #96, diff. 438, soln. p. 258



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



Puzzle #97, diff. 465, soln. p. 224


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

Puzzle #98, diff. 524, soln. p. 228


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



Puzzle #99, diff. 527, soln. p. 207

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










Puzzle #100, diff. 627, soln. p. 248

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

III. Black Queen



A short time later, the kings had dinner together at the Black King’s palace. The Black King had a Sudoku garden, too—that is to say, he *had* one, but the Black Queen had other ideas. She had been reading about the Eastern practice of *feng shui*, and she had the Royal gardeners change all the hedges in the Sudoku garden to optimize the energy flow. In fact, she was still re-arranging hedges even as the kings were playing with their soldiers, so every time they deployed their knights, they did it on a differently-configured garden.

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

The garden is still marked off into nine blocks of nine squares each, but they are no longer perfect 3×3 squares; instead they’re apparently random shapes, and different from one problem to the



next. The garden still contains each of the digits 1 to 8, and a knight, in every rank, file, and block.

There are two kinds of puzzles in this chapter: puzzles with Black knights, who must each be within a knight's move of at least one other Black knight, and puzzles with White knights, none of whom may be within a knight's move of any other. All the knights in any particular puzzle are the same type. If you can't find one as a given, you'll have to figure out by logic which kind to use. A panel of notable computer scientists has declared that frightening as they may appear, odd-shaped regions actually make the puzzles easier by reducing the symmetry that leads to alternate solutions. See if you agree.





Puzzle #101, diff. 176, soln. p. 262

1				5		3
			1		1	
	5				8	
1						1
			3		1	
	2			1		8
		8			4	3
		4			8	
8			4			

Puzzle #102, diff. 187, soln. p. 243

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



Puzzle #103, diff. 190, soln. p. 217

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

Puzzle #104, diff. 192, soln. p. 237




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



Puzzle #105, diff. 196, soln. p. 238

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

Puzzle #106, diff. 202, soln. p. 231


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



Puzzle #107, diff. 203, soln. p. 262

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

Puzzle #108, diff. 207, soln. p. 250

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



Puzzle #109, diff. 212, soln. p. 230

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

Puzzle #110, diff. 219, soln. p. 215

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



Puzzle #111, diff. 221, soln. p. 262

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

Puzzle #112, diff. 222, soln. p. 260

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



Puzzle #113, diff. 225, soln. p. 254

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

Puzzle #114, diff. 225, soln. p. 245

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



Puzzle #115, diff. 234, soln. p. 236

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

Puzzle #116, diff. 236, soln. p. 240

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



Puzzle #117, diff. 250, soln. p. 227

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

Puzzle #118, diff. 250, soln. p. 245

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



Puzzle #119, diff. 254, soln. p. 247

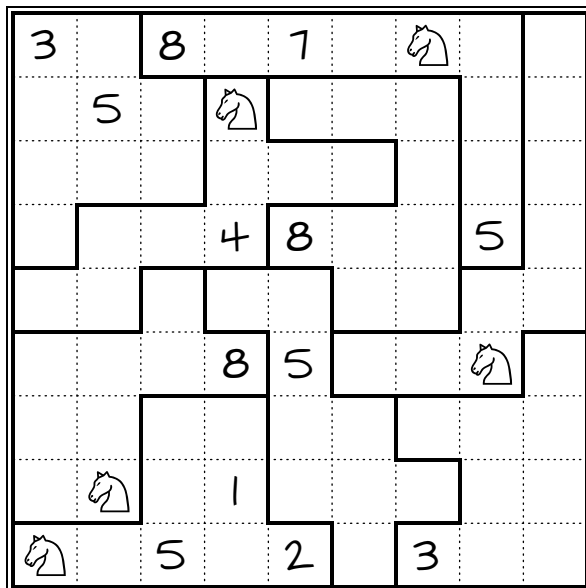
2		4					1
						7	
	6						
			6				
	2		5		1		8
				3			
5							1
		6		8			
3							4

Puzzle #120, diff. 259, soln. p. 253

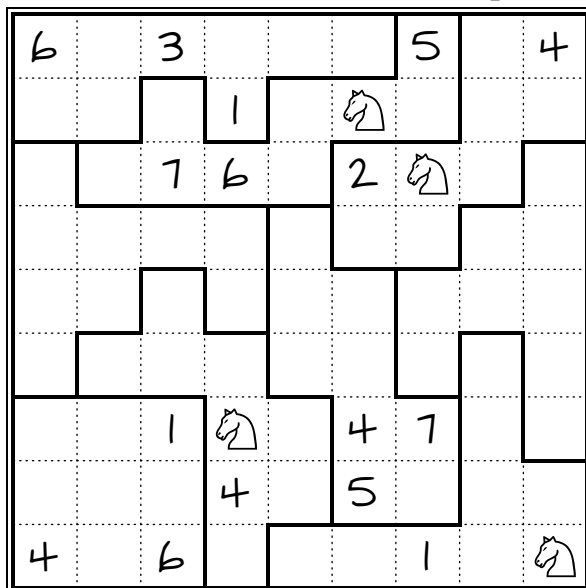
				4			8	5
8	5					1		
					4			
			5			6		
7								
				1		2		
					5			
5						3		
							5	7



Puzzle #121, diff. 263, soln. p. 261



Puzzle #122, diff. 266, soln. p. 257





Puzzle #123, diff. 267, soln. p. 249



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

Puzzle #124, diff. 270, soln. p. 230


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



Puzzle #125, diff. 276, soln. p. 234

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

Puzzle #126, diff. 278, soln. p. 241

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



Puzzle #127, diff. 280, soln. p. 249

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

Puzzle #128, diff. 282, soln. p. 251

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



Puzzle #129, diff. 284, soln. p. 253



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

Puzzle #130, diff. 291, soln. p. 258



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



Puzzle #131, diff. 292, soln. p. 244


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

Puzzle #132, diff. 302, soln. p. 261



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



Puzzle #133, diff. 318, soln. p. 239

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

Puzzle #134, diff. 322, soln. p. 223

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



Puzzle #135, diff. 323, soln. p. 231

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

Puzzle #136, diff. 332, soln. p. 245

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



Puzzle #137, diff. 337, soln. p. 238

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

Puzzle #138, diff. 365, soln. p. 232


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



Puzzle #139, diff. 367, soln. p. 226

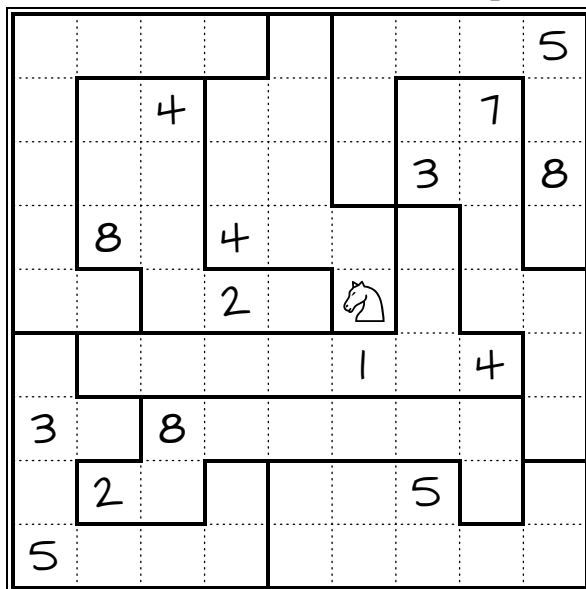
	4	7		5	6		
		6					4
				1	2	4	
	2					1	4
			7	2	8		
4		8					7
		2	4	7			
	8					7	
			1	4		8	2

Puzzle #140, diff. 373, soln. p. 219

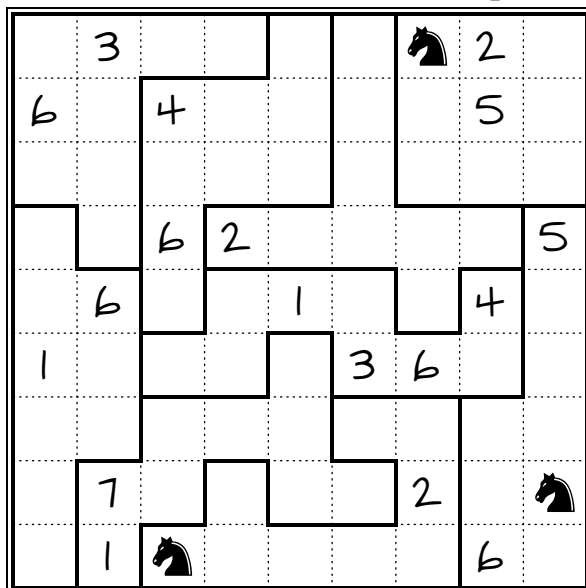
	5			3			
6							
		7	6				3
		5					6
2					6		
7				6	5		
							4
		8	7			1	



Puzzle #141, diff. 373, soln. p. 226

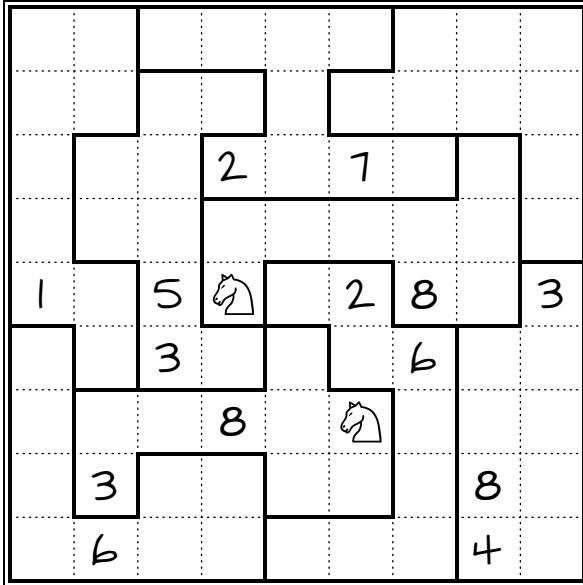


Puzzle #142, diff. 380, soln. p. 250

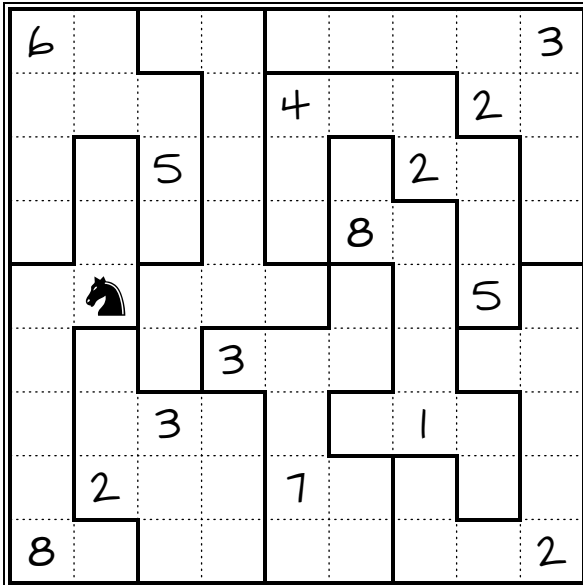




Puzzle #143, diff. 399, soln. p. 262

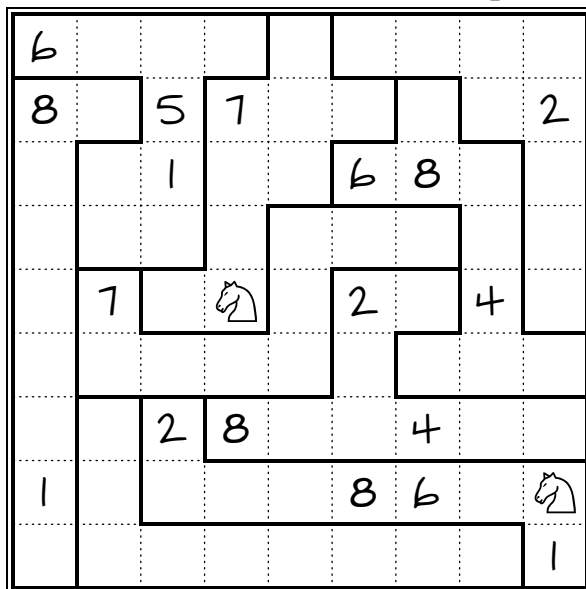


Puzzle #144, diff. 441, soln. p. 245

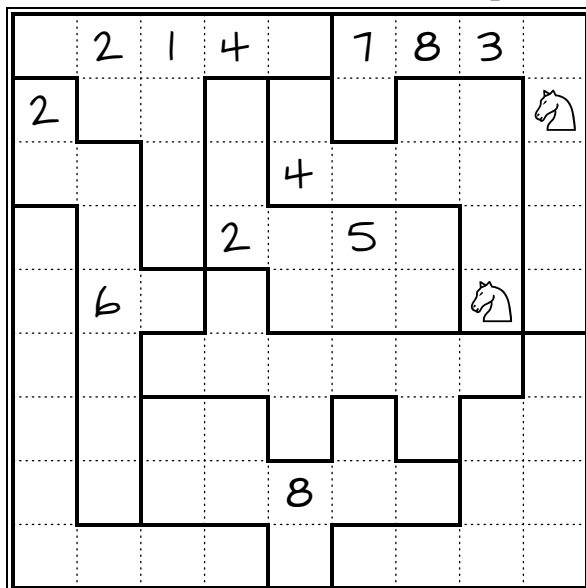




Puzzle #145, diff. 443, soln. p. 206

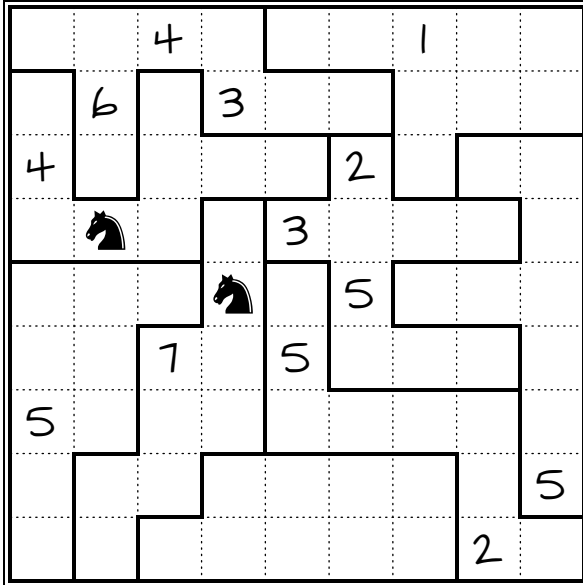


Puzzle #146, diff. 457, soln. p. 206

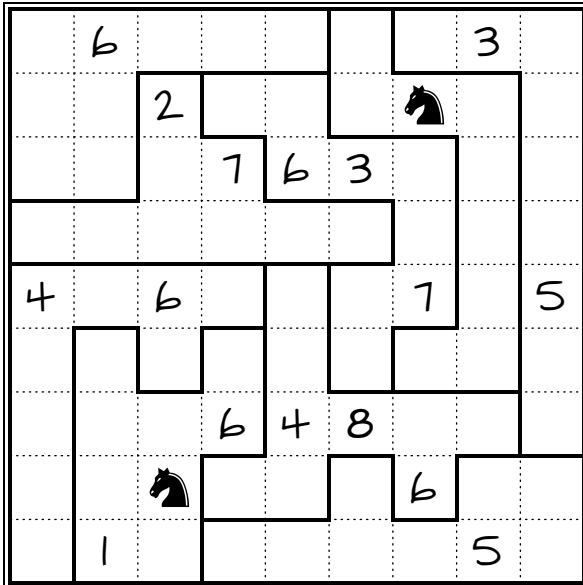




Puzzle #147, diff. 457, soln. p. 243

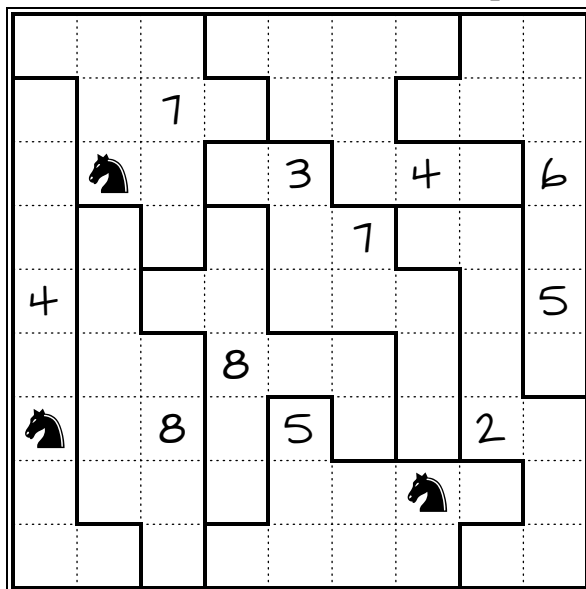


Puzzle #148, diff. 489, soln. p. 228

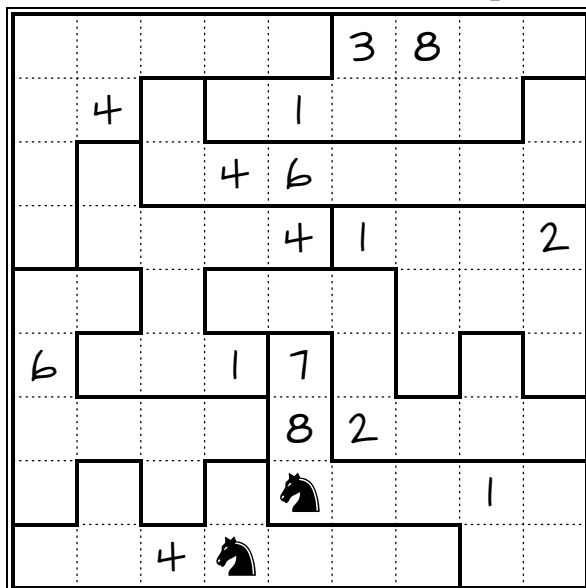




Puzzle #149, diff. 563, soln. p. 218



Puzzle #150, diff. 612, soln. p. 245



IV. White Queen



If you're familiar with chess rules, you may have observed that it's possible to place a queen and a knight so that the queen can reach the knight with a queen's move, or the knight can reach the queen with a knight's move, but not both. Many volumes of romantic tragedy could no doubt be written about this state of affairs.

The White King, however, had no patience for affairs. After returning from an extended campaign in a foreign land and discovering that while he was away the White Queen had become overly familiar with one of his White knights, he decreed a new policy: the Queen and knights were not to be left alone where they could reach each other in either direction. Here is the White Queen with eight White knights in the Sudoku garden:

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



As you can see, each rank, file, and marked-off 3×3 block contains the digits 1–8 and either a White knight (of which there are eight) or the White Queen (there’s only one of her). Furthermore, the White Queen cannot reach any knight with a chess queen’s move (horizontal, vertical, or diagonal, for any distance), and no White knight can reach the Queen, nor any other White knight, with a knight’s move.

The puzzles in this chapter follow those rules and the hints and instructions already given; you may want to use the letter “Q” for the White Queen. The Queen’s location is given in a few of the more advanced puzzles, but usually that would be too big a clue and you’re left to figure it out for yourself.

Special bonus puzzle! There are some cells in the Sudoku garden that the White Queen cannot possibly occupy in any puzzle of this type. If you place her in one of those cells, then even without worrying about the numbers, you will be unable to find places for all the knights (with one chess piece in every row, column, and marked 3×3 block) so that the Queen and knights cannot reach each other. Which are the forbidden cells? The answer is given on page 264.





Puzzle #151, diff. 173, soln. p. 217

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

Puzzle #152, diff. 174, soln. p. 257

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



Puzzle #153, diff. 174, soln. p. 235

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

Puzzle #154, diff. 175, soln. p. 224

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



Puzzle #155, diff. 188, soln. p. 258

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

Puzzle #156, diff. 189, soln. p. 234

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



Puzzle #157, diff. 194, soln. p. 207



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

Puzzle #158, diff. 198, soln. p. 207



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



Puzzle #159, diff. 198, soln. p. 229

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

Puzzle #160, diff. 198, soln. p. 214

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



Puzzle #161, diff. 200, soln. p. 261

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

Puzzle #162, diff. 200, soln. p. 231

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



Puzzle #163, diff. 200, soln. p. 246

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

Puzzle #164, diff. 203, soln. p. 218

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



Puzzle #165, diff. 203, soln. p. 259

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

Puzzle #166, diff. 203, soln. p. 252

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



Puzzle #167, diff. 204, soln. p. 212

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

Puzzle #168, diff. 205, soln. p. 257

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



Puzzle #169, diff. 209, soln. p. 215

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

Puzzle #170, diff. 215, soln. p. 228

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



Puzzle #171, diff. 218, soln. p. 254

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

Puzzle #172, diff. 221, soln. p. 241

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



Puzzle #173, diff. 226, soln. p. 210

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

Puzzle #174, diff. 238, soln. p. 207

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



Puzzle #175, diff. 239, soln. p. 246

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

Puzzle #176, diff. 240, soln. p. 256

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



Puzzle #177, diff. 240, soln. p. 209

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

Puzzle #178, diff. 241, soln. p. 264

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



Puzzle #179, diff. 248, soln. p. 261

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

Puzzle #180, diff. 248, soln. p. 210

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



Puzzle #181, diff. 251, soln. p. 233



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

Puzzle #182, diff. 254, soln. p. 219



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



Puzzle #183, diff. 269, soln. p. 231

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

Puzzle #184, diff. 274, soln. p. 262

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



Puzzle #185, diff. 285, soln. p. 216

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

Puzzle #186, diff. 286, soln. p. 237

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



Puzzle #187, diff. 290, soln. p. 220

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

Puzzle #188, diff. 299, soln. p. 260

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



Puzzle #189, diff. 310, soln. p. 249

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

Puzzle #190, diff. 329, soln. p. 232

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



Puzzle #191, diff. 329, soln. p. 211

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

Puzzle #192, diff. 335, soln. p. 259

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



Puzzle #193, diff. 349, soln. p. 238



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

Puzzle #194, diff. 349, soln. p. 253



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



Puzzle #195, diff. 357, soln. p. 232

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

Puzzle #196, diff. 361, soln. p. 221

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



Puzzle #197, diff. 367, soln. p. 252

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

Puzzle #198, diff. 380, soln. p. 209

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



Puzzle #199, diff. 390, soln. p. 248

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

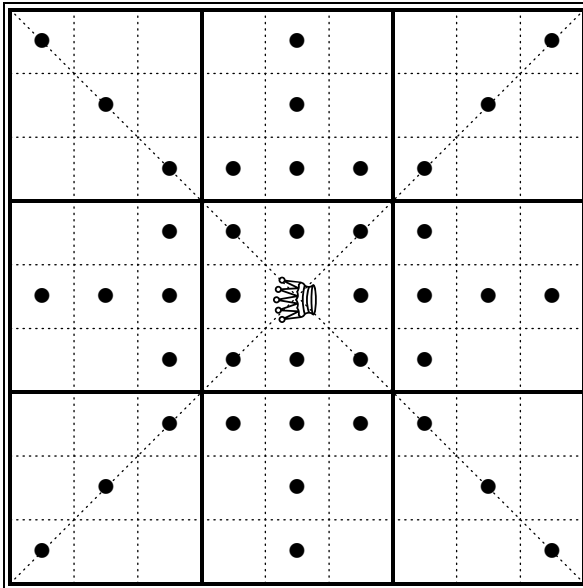
Puzzle #200, diff. 398, soln. p. 213

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

V. White Amazon



Legend has it that somewhere in Africa there may be tribes of Amazons: warrior women led by queens who fight like knights. Accordingly, a fairy chess Amazon can move like a queen or a knight: any distance horizontally, vertically, or diagonally, or by an L-shaped knight move. Here's a diagram of a White Amazon queen and all the squares she can move to. Note that her chess symbol is a regular queen's symbol turned sideways.



You should also take note of the diagonal lines in the diagram. In Amazonia, they build the Sudoku gardens a little differently from the ones we've seen at the Black and White Kings' palaces; as well as having each number exactly once in every row, column,



and marked 3×3 block, Amazonian diagonal Sudoku requires that each number occur once along each of the marked diagonals.

Can you place nine Amazon queens in the Sudoku garden so that they do not attack each other? The White Amazon Queen couldn't. She invited eight colleagues for a friendly tea party, and hoping to minimize friction among monarchs who really didn't like each other very much, she decided to arrange the seats so that no two of the nine Amazons (including herself) could attack each other by an Amazon's move—horizontal, vertical, diagonal, or a chess knight's jump. She spent hours re-arranging the tea tables trying to achieve the perfect seating plan; the tea got cold; harsh words were exchanged, which quickly escalated to arrows tipped with Greek Fire; and what was meant to be a quiet tea party turned into a massacre.

The puzzle she faced was actually a variation of an old chestnut called the " N -Queens Problem" with which we torture undergraduates in introductory AI courses. The challenge there is to place N chess queens (for instance, N might be equal to eight) on an $N \times N$ chessboard so that none of them can attack each other. With a standard 8×8 chessboard, there are 92 ways to do it, or 12, depending on whether you count rotations and reflections as separate solutions. Making a list of them by hand takes long enough that you don't want to do it, but it's easy for a computer, and that's part of why it makes a good teaching problem.

My cleverer students sometimes go on to solve the same problem using Amazons instead. Then it's harder, because each Amazon takes up more space than a regular queen, but you can still do it if you use a 10×10 board or larger. The White Amazon Queen is out of luck if she wants to invite eight other Amazons to a tea party on the 9×9 board; there just isn't enough space.

After consulting her advisors, she determined that for the next tea party, she would only invite regular queens. Then the seating arrangements would be easier, and being the only participant with combat skills would also put her at an advantage should things turn ugly after all. Here she is in the Sudoku garden with her guests:






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

As you can see, the garden contains one White Amazon and eight White queens, with none of them attacking each other; and just as in the other chapters, each row, column, and marked-off block contains the digits 1 to 8 as well as one of the chess pieces. Take particular note of the two marked diagonals. Because this is an Amazonian Sudoku garden, the diagonals must also contain each digit once and one chess piece. The puzzles in this chapter all follow those rules and the same general rules as in the other chapters. You might want to use the letter “A” for the Amazon.







Puzzle #201, diff. 252, soln. p. 240

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

Puzzle #202, diff. 269, soln. p. 253

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



Puzzle #203, diff. 285, soln. p. 232

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

Puzzle #204, diff. 287, soln. p. 241

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



Puzzle #205, diff. 290, soln. p. 238




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

Puzzle #206, diff. 292, soln. p. 254



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



Puzzle #207, diff. 319, soln. p. 212

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

Puzzle #208, diff. 325, soln. p. 207

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



Puzzle #209, diff. 328, soln. p. 223

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

Puzzle #210, diff. 332, soln. p. 218

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



Puzzle #211, diff. 342, soln. p. 262

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

Puzzle #212, diff. 352, soln. p. 226

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



Puzzle #213, diff. 352, soln. p. 210

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

Puzzle #214, diff. 354, soln. p. 219

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



Puzzle #215, diff. 357, soln. p. 238

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

Puzzle #216, diff. 362, soln. p. 221

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



Puzzle #217, diff. 365, soln. p. 211

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

Puzzle #218, diff. 368, soln. p. 244

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



Puzzle #219, diff. 372, soln. p. 212

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

Puzzle #220, diff. 379, soln. p. 225

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



Puzzle #221, diff. 392, soln. p. 257


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

Puzzle #222, diff. 392, soln. p. 235






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



Puzzle #223, diff. 405, soln. p. 250

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

Puzzle #224, diff. 411, soln. p. 233

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



Puzzle #225, diff. 412, soln. p. 214

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

Puzzle #226, diff. 414, soln. p. 235

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



Puzzle #227, diff. 416, soln. p. 239




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

Puzzle #228, diff. 423, soln. p. 214


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



Puzzle #229, diff. 423, soln. p. 231

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

Puzzle #230, diff. 433, soln. p. 244

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



Puzzle #231, diff. 444, soln. p. 221



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

Puzzle #232, diff. 458, soln. p. 222



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



Puzzle #233, diff. 458, soln. p. 257

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

Puzzle #234, diff. 462, soln. p. 225

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



Puzzle #235, diff. 467, soln. p. 242



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

Puzzle #236, diff. 470, soln. p. 235



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



Puzzle #237, diff. 470, soln. p. 228

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

Puzzle #238, diff. 473, soln. p. 249

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



Puzzle #239, diff. 476, soln. p. 250



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

Puzzle #240, diff. 480, soln. p. 242



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



Puzzle #241, diff. 499, soln. p. 206

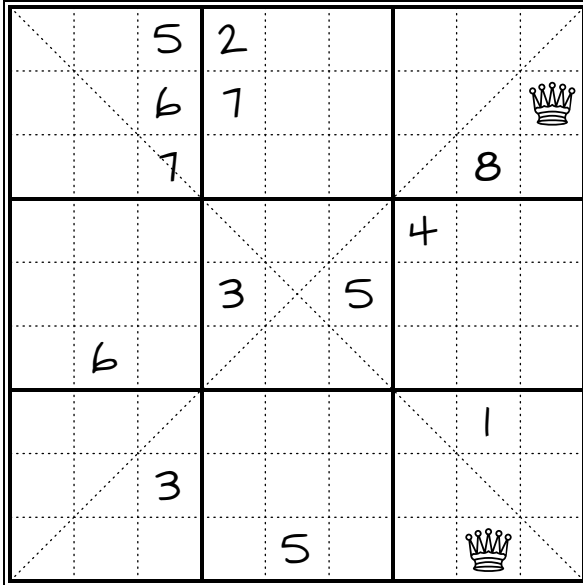
7		 5	
	5		7
		3 8 4	6 2
8	5		
3			7
		6 1	

Puzzle #242, diff. 501, soln. p. 230

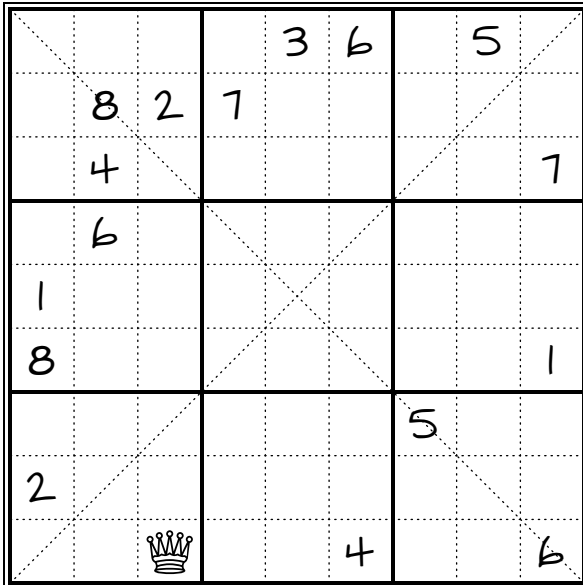
		6 7	
1		5	2
3 7			8 
5		3	6
		1	3
6			7



Puzzle #243, diff. 506, soln. p. 242



Puzzle #244, diff. 526, soln. p. 236





Puzzle #245, diff. 538, soln. p. 222

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

Puzzle #246, diff. 542, soln. p. 263

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



Puzzle #247, diff. 548, soln. p. 248

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

Puzzle #248, diff. 552, soln. p. 228

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



Puzzle #249, diff. 562, soln. p. 247

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










Puzzle #250, diff. 597, soln. p. 252

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

VI. Black Amazon



In the Black Amazon Empire, there are many queens, and each one has one or more Black kings captured in wars with neighbouring tribes. The queens are constantly hoping to add to their harems, while guarding their existing husbands against capture, so arranging them in the garden to avoid bloodshed and hanky-panky can be a difficult problem. Here's an example:

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

Every Black Amazon is within an Amazon's move of at least one Black king. Furthermore, every king is within an Amazon's move of exactly one Black Amazon, and no two Amazons can attack each other. Although you will seldom see it, kings are allowed to be within a king's move of each other. There are also the



usual rules that every rank, file, and marked-off 3×3 block contains the digits 1 to 8 once each as well as exactly one of the chess pieces, either a king or an Amazon; and since this is an Amazonian Sudoku garden, the same rule applies along the two marked diagonals as well.

This is the occasion I told you to save your “K”s for; you’ll want them for the kings, and probably an “A” for the Amazons, to solve the puzzles in this chapter. By now you should be quite familiar with the other rules. The difficulty ratings in this chapter are some of the highest in the book, but that is partly because they are based on a computer analysis and the computer seems to have special difficulty with the Black Amazon rule variation. Some of the decisions made in solving these puzzles involve a large number of alternatives, which is the worst case for the computer solver. Humans are expected to be able to narrow down such decisions by throwing out the obviously incorrect possibilities, so a human should find these puzzles easier than the computer does.





Puzzle #251, diff. 299, soln. p. 209

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

Puzzle #252, diff. 301, soln. p. 256

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



Puzzle #253, diff. 347, soln. p. 215




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

Puzzle #254, diff. 378, soln. p. 229




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



Puzzle #255, diff. 397, soln. p. 239




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

Puzzle #256, diff. 399, soln. p. 206




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



Puzzle #257, diff. 406, soln. p. 208

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

Puzzle #258, diff. 411, soln. p. 218

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



Puzzle #259, diff. 427, soln. p. 253

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

Puzzle #260, diff. 427, soln. p. 221

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



Puzzle #261, diff. 431, soln. p. 259





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

Puzzle #262, diff. 434, soln. p. 224





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



Puzzle #263, diff. 447, soln. p. 223

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

Puzzle #264, diff. 448, soln. p. 260

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



Puzzle #265, diff. 468, soln. p. 219

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

Puzzle #266, diff. 475, soln. p. 226

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



Puzzle #267, diff. 479, soln. p. 252

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

Puzzle #268, diff. 496, soln. p. 261

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



Puzzle #269, diff. 499, soln. p. 255



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

Puzzle #270, diff. 500, soln. p. 225




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



Puzzle #271, diff. 503, soln. p. 208

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

Puzzle #272, diff. 507, soln. p. 259

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



Puzzle #273, diff. 511, soln. p. 216

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

Puzzle #274, diff. 516, soln. p. 235

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



Puzzle #275, diff. 519, soln. p. 261

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

Puzzle #276, diff. 521, soln. p. 211

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



Puzzle #277, diff. 540, soln. p. 251

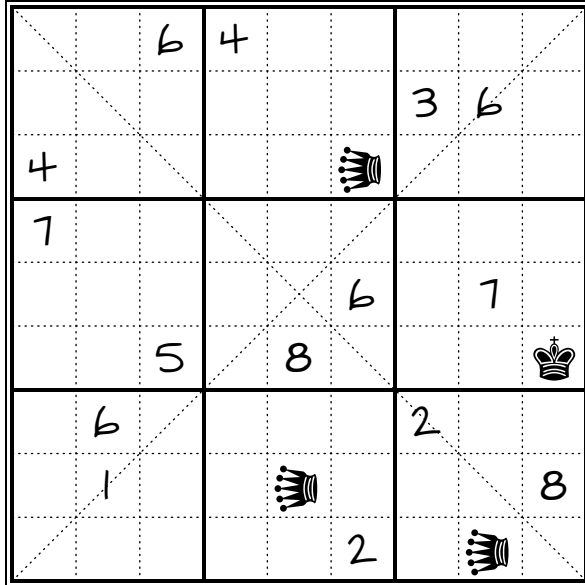
								4	
2								5	7
8									
			4						
3	8				7				
						8			
					4				1
				2	1		6		

Puzzle #278, diff. 553, soln. p. 210

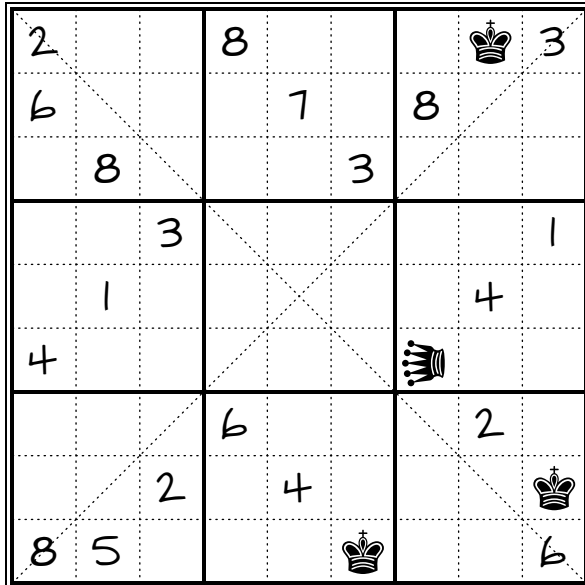
				7					
				3	5	2			
		8	4				3		
					4				
2				1		7			3
	6							1	
7				5	6	3			4



Puzzle #279, diff. 556, soln. p. 256






Puzzle #280, diff. 568, soln. p. 255








Puzzle #281, diff. 573, soln. p. 237




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

Puzzle #282, diff. 577, soln. p. 239





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



Puzzle #283, diff. 582, soln. p. 256


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

Puzzle #284, diff. 583, soln. p. 263




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



Puzzle #285, diff. 588, soln. p. 211

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

Puzzle #286, diff. 596, soln. p. 207

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



Puzzle #287, diff. 606, soln. p. 208

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

Puzzle #288, diff. 633, soln. p. 263

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



Puzzle #289, diff. 634, soln. p. 256

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

Puzzle #290, diff. 645, soln. p. 234

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



Puzzle #291, diff. 648, soln. p. 239

			4
5	6	2	
		1	3 2
2			
	6		2
			1
8	4	1	
		3	♔ 6
	5		

Puzzle #292, diff. 677, soln. p. 229

	4	6		5
				1 3
		5		4
		7		
8	5			♚
		3		1 8
		7		6
		♔		



Puzzle #293, diff. 685, soln. p. 236

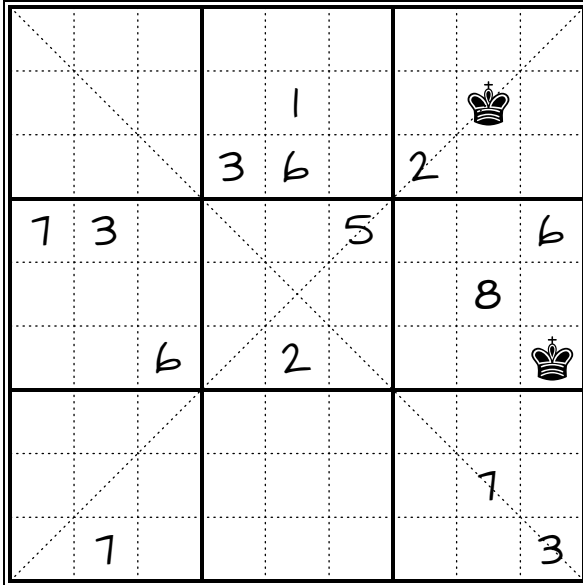
		4	1	
	6			7
		6		
			4	
	5	4		8
			5	
		2		
	2			6 3
			5 2	

Puzzle #294, diff. 733, soln. p. 260

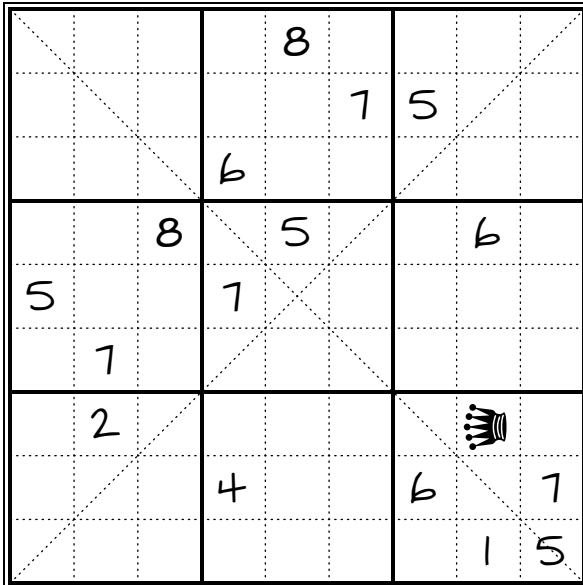
	6	7	1	
		8		
				7
2				
	7	8	3	2
				3
			8	
		4		
	2			4



Puzzle #295, diff. 741, soln. p. 259






Puzzle #296, diff. 756, soln. p. 258






Puzzle #297, diff. 784, soln. p. 219


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

Puzzle #298, diff. 803, soln. p. 251



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



Puzzle #299, diff. 891, soln. p. 210

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

Puzzle #300, diff. 951, soln. p. 236

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

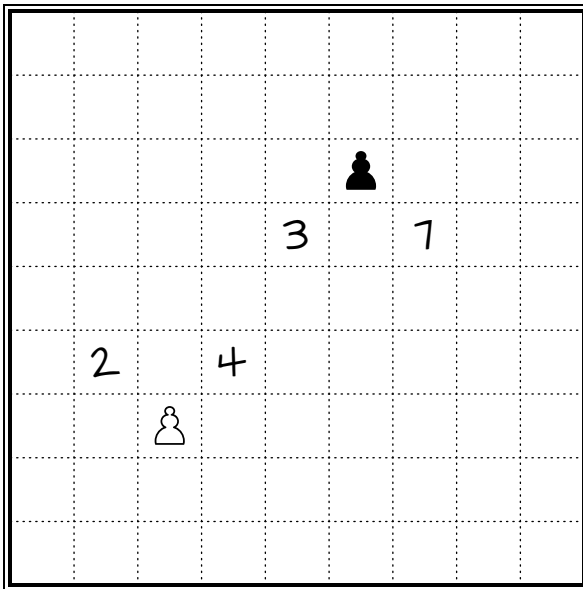
VII. Pawns



At the end of the day, after the kings and queens had gone home, the Black and White pawns were left to clean up. Being puzzle fans themselves, they decided to make a game of it.

“Listen, fellows,” said a Black Pawn, “Since even and odd numbers appear equally often in the Sudoku garden, let’s use those to decide who erases which. Black pawns can take the odd numbers, and White pawns can take the even numbers.”

“That’s fine,” said a White Pawn, “but I’m accustomed to making diagonal capture moves while playing chess, and I want to keep my skills sharp. So let’s all find places in the Sudoku garden where our captures are the appropriate kind of number, either even or odd.” Here’s an example of what he meant:



Pawns capture by moving one space diagonally forward. We are assuming that the Sudoku garden is drawn like a standard chess diagram, so that the direction of movement is up in the diagram for White pawns and down for Black pawns.

“That’s fine as far as it goes,” said the Black Pawn, “but there are a lot of subtleties to our job in a chess game. For instance, what about promotion and *en passant* captures?”

“Let’s try to keep it simple,” said the White Pawn. “We won’t worry about *en passant* capturing, and if we say that every pawn has to be able to capture two numbers of the appropriate type, that also eliminates promotion. If I were in the top rank, for instance, my capture moves would be off the board, and so it wouldn’t matter that by that point I might have changed into another piece. That means any pawn in the top rank has to be a Black one, and any pawn in the bottom rank has to be White. It also means that none of us can be on another’s capture square, since that would leave the other with less than two numbers to capture.” Here is an example:







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

Every rank, file, and marked 3×3 block contains each of the digits 1–8 once, and one pawn, either Black or White. White pawns are positioned to capture two even digits each, and Black pawns to capture two odd digits each. The pawns did have to make an exception for the two files at the sides of the board: pawns on the the extreme left and right can each capture only one digit of the appropriate type.





The puzzles in this chapter should be quite straightforward after the others you've done, and they're on the easy side, too. You're on your own to find an appropriate way of recording the difference between Black and White pawns.



Puzzle #301, diff. 170, soln. p. 247

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

Puzzle #302, diff. 172, soln. p. 234

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



Puzzle #303, diff. 172, soln. p. 252

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

Puzzle #304, diff. 173, soln. p. 225

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

Puzzle #305, diff. 173, soln. p. 214





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

Puzzle #306, diff. 173, soln. p. 220






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



Puzzle #307, diff. 173, soln. p. 209

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

Puzzle #308, diff. 173, soln. p. 248

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

Puzzle #309, diff. 175, soln. p. 214

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

Puzzle #310, diff. 175, soln. p. 241

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




Puzzle #311, diff. 176, soln. p. 246

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




Puzzle #312, diff. 176, soln. p. 239

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

Puzzle #313, diff. 176, soln. p. 223

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

Puzzle #314, diff. 176, soln. p. 217

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

Puzzle #315, diff. 177, soln. p. 246

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

Puzzle #316, diff. 178, soln. p. 248

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

Puzzle #317, diff. 179, soln. p. 216

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

Puzzle #318, diff. 179, soln. p. 227

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

Puzzle #319, diff. 184, soln. p. 226

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

Puzzle #320, diff. 185, soln. p. 227

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

Puzzle #321, diff. 186, soln. p. 213

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

Puzzle #322, diff. 188, soln. p. 227

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



Puzzle #323, diff. 189, soln. p. 216

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

Puzzle #324, diff. 192, soln. p. 247

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

Puzzle #325, diff. 194, soln. p. 243

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

Puzzle #326, diff. 198, soln. p. 218

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



Puzzle #327, diff. 199, soln. p. 236

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

Puzzle #328, diff. 199, soln. p. 234

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

Puzzle #329, diff. 205, soln. p. 263





	4				
	1		3		♚
	♚			8	5
7	2				
1	8		♙	7	4
				5	3
♙		5		2	
	3		1	4	
				1	

Puzzle #330, diff. 211, soln. p. 213





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



Puzzle #331, diff. 218, soln. p. 215

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

Puzzle #332, diff. 223, soln. p. 209

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

Puzzle #333, diff. 225, soln. p. 244

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

Puzzle #334, diff. 227, soln. p. 209

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



Puzzle #335, diff. 229, soln. p. 211

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

Puzzle #336, diff. 232, soln. p. 233

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


Puzzle #337, diff. 254, soln. p. 255

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




Puzzle #338, diff. 258, soln. p. 242

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

Puzzle #339, diff. 260, soln. p. 246

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

Puzzle #340, diff. 262, soln. p. 211

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

Puzzle #341, diff. 269, soln. p. 224




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

Puzzle #342, diff. 272, soln. p. 212





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



Puzzle #343, diff. 281, soln. p. 229

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

Puzzle #344, diff. 289, soln. p. 216

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

Puzzle #345, diff. 297, soln. p. 213

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

Puzzle #346, diff. 298, soln. p. 246

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



Puzzle #347, diff. 303, soln. p. 254

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

Puzzle #348, diff. 323, soln. p. 254

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



Puzzle #349, diff. 341, soln. p. 224

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

Puzzle #350, diff. 342, soln. p. 225

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

Solutions

Solution for Puzzle #145:

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

Solution for Puzzle #256:

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

Solution for Puzzle #241:

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

Solution for Puzzle #146:

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

Solution for Puzzle #92:

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

Solution for Puzzle #44:

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

Solution for Puzzle #157:

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

Solution for Puzzle #208:

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

Solution for Puzzle #174:

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

Solution for Puzzle #286:

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

Solution for Puzzle #158:

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

Solution for Puzzle #99:

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

Solution for Puzzle #90:

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

Solution for Puzzle #271:

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

Solution for Puzzle #94:

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

Solution for Puzzle #257:

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

Solution for Puzzle #287:

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

Solution for Puzzle #20:

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

Solution for Puzzle #307:

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

Solution for Puzzle #177:

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

Solution for Puzzle #251:

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

Solution for Puzzle #332:

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

Solution for Puzzle #334:

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

Solution for Puzzle #198:

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

Solution for Puzzle #32:

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

Solution for Puzzle #213:

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

Solution for Puzzle #278:

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

Solution for Puzzle #299:

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

Solution for Puzzle #173:

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

Solution for Puzzle #180:

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

Solution for Puzzle #276:

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

Solution for Puzzle #285:

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

Solution for Puzzle #217:

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

Solution for Puzzle #191:

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










Solution for Puzzle #340:

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










Solution for Puzzle #335:

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










Solution for Puzzle #167:

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










Solution for Puzzle #78:

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










Solution for Puzzle #342:

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










Solution for Puzzle #207:

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










Solution for Puzzle #29:

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










Solution for Puzzle #219:

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










Solution for Puzzle #330:

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










Solution for Puzzle #345:

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










Solution for Puzzle #200:

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










Solution for Puzzle #73:

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

Solution for Puzzle #321:

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

Solution for Puzzle #84:

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

Solution for Puzzle #225:

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

Solution for Puzzle #309:

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

Solution for Puzzle #68:

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

Solution for Puzzle #160:

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

Solution for Puzzle #228:

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

Solution for Puzzle #305:

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

Solution for Puzzle #51:

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

Solution for Puzzle #71:

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

Solution for Puzzle #331:

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

Solution for Puzzle #253:

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

Solution for Puzzle #110:

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

Solution for Puzzle #169:

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

Solution for Puzzle #344:

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

Solution for Puzzle #87:

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

Solution for Puzzle #323:

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

Solution for Puzzle #185:

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

Solution for Puzzle #317:

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

Solution for Puzzle #273:

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

Solution for Puzzle #151:

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

Solution for Puzzle #9:

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

Solution for Puzzle #103:

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

Solution for Puzzle #11:

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

Solution for Puzzle #42:

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

Solution for Puzzle #314:

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

Solution for Puzzle #149:

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

Solution for Puzzle #164:

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

Solution for Puzzle #61:

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

Solution for Puzzle #326:

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










Solution for Puzzle #258:

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











Solution for Puzzle #210:

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










Solution for Puzzle #49:

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










Solution for Puzzle #265:

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










Solution for Puzzle #140:

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











Solution for Puzzle #297:

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










Solution for Puzzle #182:

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










Solution for Puzzle #214:

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










Solution for Puzzle #306:

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










Solution for Puzzle #19:

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










Solution for Puzzle #6:

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










Solution for Puzzle #187:

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

Solution for Puzzle #31:

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

Solution for Puzzle #59:

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

Solution for Puzzle #15:

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

Solution for Puzzle #196:

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

Solution for Puzzle #216:

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

Solution for Puzzle #231:

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

Solution for Puzzle #260:

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

Solution for Puzzle #16:

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

Solution for Puzzle #38:

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

Solution for Puzzle #81:

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

Solution for Puzzle #232:

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

Solution for Puzzle #245:

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

Solution for Puzzle #4:

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

Solution for Puzzle #47:

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

Solution for Puzzle #134:

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

Solution for Puzzle #263:

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

Solution for Puzzle #209:

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

Solution for Puzzle #91:

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

Solution for Puzzle #74:

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

Solution for Puzzle #313:

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

Solution for Puzzle #62:

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

Solution for Puzzle #262:

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

Solution for Puzzle #97:

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

Solution for Puzzle #341:

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

Solution for Puzzle #349:

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

Solution for Puzzle #154:

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

Solution for Puzzle #350:

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

Solution for Puzzle #220:

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

Solution for Puzzle #304:

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

Solution for Puzzle #39:

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

Solution for Puzzle #234:

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

Solution for Puzzle #270:

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

Solution for Puzzle #212:

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

Solution for Puzzle #141:

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

Solution for Puzzle #77:

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

Solution for Puzzle #319:

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

Solution for Puzzle #266:

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

Solution for Puzzle #139:

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

Solution for Puzzle #8:

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

Solution for Puzzle #322:

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

Solution for Puzzle #25:

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

Solution for Puzzle #117:

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










Solution for Puzzle #318:

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











Solution for Puzzle #320:

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










Solution for Puzzle #24:

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










Solution for Puzzle #237:

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










Solution for Puzzle #248:

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










Solution for Puzzle #148:

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

Solution for Puzzle #170:

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

Solution for Puzzle #98:

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

Solution for Puzzle #292:

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

Solution for Puzzle #254:

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

Solution for Puzzle #82:

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

Solution for Puzzle #69:

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

Solution for Puzzle #343:

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

Solution for Puzzle #159:

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

Solution for Puzzle #70:

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

Solution for Puzzle #124:

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

Solution for Puzzle #12:

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

Solution for Puzzle #109:

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

Solution for Puzzle #95:

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

Solution for Puzzle #242:

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

Solution for Puzzle #135:

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

Solution for Puzzle #162:

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

Solution for Puzzle #183:

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

Solution for Puzzle #229:

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










Solution for Puzzle #53:

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










Solution for Puzzle #106:

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










Solution for Puzzle #203:

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










Solution for Puzzle #195:

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










Solution for Puzzle #138:

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










Solution for Puzzle #13:

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

Solution for Puzzle #33:

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

Solution for Puzzle #190:

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

Solution for Puzzle #66:

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

Solution for Puzzle #224:

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

Solution for Puzzle #336:

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

Solution for Puzzle #5:

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

Solution for Puzzle #41:

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

Solution for Puzzle #181:

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

Solution for Puzzle #125:

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

Solution for Puzzle #45:

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

Solution for Puzzle #156:

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

Solution for Puzzle #302:

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

Solution for Puzzle #328:

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

Solution for Puzzle #290:

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

Solution for Puzzle #236:

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

Solution for Puzzle #274:

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

Solution for Puzzle #153:

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

Solution for Puzzle #226:

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











Solution for Puzzle #22:

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










Solution for Puzzle #222:

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











Solution for Puzzle #244:

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










Solution for Puzzle #115:

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










Solution for Puzzle #293:

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










Solution for Puzzle #300:

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

Solution for Puzzle #56:

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

Solution for Puzzle #327:

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

Solution for Puzzle #104:

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

Solution for Puzzle #14:

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

Solution for Puzzle #86:

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

Solution for Puzzle #281:

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

Solution for Puzzle #1:

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

Solution for Puzzle #186:

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

Solution for Puzzle #105:

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

Solution for Puzzle #215:

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

Solution for Puzzle #205:

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

Solution for Puzzle #137:

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

Solution for Puzzle #23:

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

Solution for Puzzle #193:

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

Solution for Puzzle #133:

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

Solution for Puzzle #291:

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

Solution for Puzzle #312:

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

Solution for Puzzle #282:

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

Solution for Puzzle #255:

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

Solution for Puzzle #227:

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

Solution for Puzzle #10:

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

Solution for Puzzle #201:

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

Solution for Puzzle #37:

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

Solution for Puzzle #116:

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

Solution for Puzzle #57:

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

Solution for Puzzle #48:

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

Solution for Puzzle #172:

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

Solution for Puzzle #310:

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

Solution for Puzzle #52:

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

Solution for Puzzle #126:

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










Solution for Puzzle #27:

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










Solution for Puzzle #204:

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










Solution for Puzzle #2:

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










Solution for Puzzle #338:

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










Solution for Puzzle #243:

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










Solution for Puzzle #75:

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

Solution for Puzzle #235:

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

Solution for Puzzle #240:

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

Solution for Puzzle #325:

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

Solution for Puzzle #147:

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

Solution for Puzzle #93:

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

Solution for Puzzle #102:

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

Solution for Puzzle #21:

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

Solution for Puzzle #65:

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

Solution for Puzzle #230:

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

Solution for Puzzle #218:

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

Solution for Puzzle #131:

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

Solution for Puzzle #79:

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

Solution for Puzzle #333:

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

Solution for Puzzle #26:

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

Solution for Puzzle #67:

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

Solution for Puzzle #114:

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

Solution for Puzzle #150:

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

Solution for Puzzle #144:

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

Solution for Puzzle #118:

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

Solution for Puzzle #136:

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

Solution for Puzzle #163:

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

Solution for Puzzle #315:

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

Solution for Puzzle #175:

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

Solution for Puzzle #346:

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










Solution for Puzzle #339:

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










Solution for Puzzle #311:

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










Solution for Puzzle #30:

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










Solution for Puzzle #249:

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










Solution for Puzzle #18:

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










Solution for Puzzle #301:

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

Solution for Puzzle #119:

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

Solution for Puzzle #324:

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

Solution for Puzzle #316:

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

Solution for Puzzle #199:

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

Solution for Puzzle #72:

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

Solution for Puzzle #100:

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

Solution for Puzzle #247:

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

Solution for Puzzle #308:

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

Solution for Puzzle #40:

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

Solution for Puzzle #80:

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

Solution for Puzzle #189:

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

Solution for Puzzle #123:

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

Solution for Puzzle #238:

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

Solution for Puzzle #127:

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

Solution for Puzzle #89:

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

Solution for Puzzle #46:

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

Solution for Puzzle #142:

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

Solution for Puzzle #223:

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

Solution for Puzzle #239:

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

Solution for Puzzle #108:

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

Solution for Puzzle #298:

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

Solution for Puzzle #128:

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

Solution for Puzzle #85:

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

Solution for Puzzle #50:

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










Solution for Puzzle #64:

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










Solution for Puzzle #277:

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










Solution for Puzzle #250:

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










Solution for Puzzle #76:

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










Solution for Puzzle #197:

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










Solution for Puzzle #267:

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

Solution for Puzzle #303:

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

Solution for Puzzle #166:

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

Solution for Puzzle #35:

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

Solution for Puzzle #194:

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

Solution for Puzzle #120:

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

Solution for Puzzle #202:

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

Solution for Puzzle #129:

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

Solution for Puzzle #259:

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

Solution for Puzzle #347:

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

Solution for Puzzle #171:

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

Solution for Puzzle #348:

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

Solution for Puzzle #17:

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

Solution for Puzzle #206:

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

Solution for Puzzle #113:

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

Solution for Puzzle #269:

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

Solution for Puzzle #337:

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

Solution for Puzzle #83:

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

Solution for Puzzle #43:

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

Solution for Puzzle #280:

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

Solution for Puzzle #58:

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

Solution for Puzzle #279:

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

Solution for Puzzle #176:

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

Solution for Puzzle #289:

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

Solution for Puzzle #283:

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










Solution for Puzzle #252:

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










Solution for Puzzle #3:

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










Solution for Puzzle #233:

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










Solution for Puzzle #122:

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










Solution for Puzzle #34:

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










Solution for Puzzle #168:

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










Solution for Puzzle #152:

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










Solution for Puzzle #221:

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










Solution for Puzzle #155:

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










Solution for Puzzle #60:

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










Solution for Puzzle #54:

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










Solution for Puzzle #296:

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

Solution for Puzzle #130:

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

Solution for Puzzle #96:

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

Solution for Puzzle #295:

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

Solution for Puzzle #55:

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

Solution for Puzzle #192:

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

Solution for Puzzle #272:

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

Solution for Puzzle #261:

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

Solution for Puzzle #165:

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

Solution for Puzzle #294:

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

Solution for Puzzle #112:

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

Solution for Puzzle #188:

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

Solution for Puzzle #88:

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

Solution for Puzzle #264:

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

Solution for Puzzle #28:

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

Solution for Puzzle #268:

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

Solution for Puzzle #179:

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

Solution for Puzzle #132:

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

Solution for Puzzle #161:

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

Solution for Puzzle #121:

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

Solution for Puzzle #275:

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

Solution for Puzzle #211:

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

Solution for Puzzle #107:

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

Solution for Puzzle #143:

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

Solution for Puzzle #101:

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










Solution for Puzzle #184:

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










Solution for Puzzle #111:

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










Solution for Puzzle #36:

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










Solution for Puzzle #246:

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










Solution for Puzzle #329:

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










Solution for Puzzle #63:

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

Solution for Puzzle #284:

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

Solution for Puzzle #288:

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

Solution for Puzzle #178:

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

Solution for Puzzle #7:

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

Solution for Bonus Puzzle:

		x	x	x	x
		x	x	x	x
		x	x	x	x
		x	x	x	x