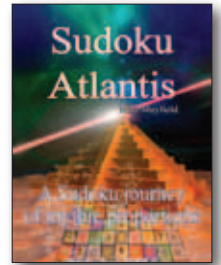


# Spring 2015 Quarterly

It's definitely Spring here in Colorado, with snow melting and temperatures soaring into the high 50's, perfect weather for solving Sudokus! Once again we've prepared a collection of puzzles, some easy, some hard but all designed to tickle your Sudoku fancy. Enjoy!



Now available, ! Take a trip down a rabbit hole of puzzling Sudokus in **Sudoku in Wonderland**, a 100+ puzzle book of Sudoku variations. If you've been solving puzzles in our recent quarterlies, you've seen many of these types of puzzles: rabbit holes, flowers, croquet, mushrooms and more. **Sudoku in Wonderland** is available from Amazon.com or through your favorite local book store.



If your summer plans include traveling to Atlantis, be sure to get our guide book of puzzles in **Sudoku Atlantis**. The dozens of puzzle variations lead you through the story of the doomed island as it slips beneath the waves. Be sure to solve the puzzles beforehand: the book is *not* waterproof.























If you're ready for the next level of Sudoku, variations to challenge your logical reasoning, Sudoku-USA has the puzzles for you. If you're looking for plain old 9x9 puzzles (yawn) these are not the books you are looking for. Move along.

Comments? Want to see something else in our next quarterly? Let us know how you like these puzzles and what else you want to see here. Join us on Google+, just search for "Sudoku -USA" and follow along, comment and try out even more unusual Sudokus.

Looking for our books? Ask your favorite book store to special order them or find them online at Amazon.com.

## Sudoku Picnic

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

The 16 crackers in this puzzle contain eight of the digits 1-9 exactly twice each: one digit appears on none of the crackers - you must discover which it is.



A digit placed on a flower is strictly between the digits to its left and right, for example:

8	>		>	2
---	---	---	---	---



































4	<		<	9
---	---	--	---	---

Yum! Cheese, crackers and mushrooms! There are now 18 crackers and all digits can be found on crackers; each appearing twice.

Each piece of cheese has two even and two odd digits in it.

One kind of mushroom in the puzzle to the right can only have the digits 1-4 on it; the other kind can only have 6-9. You need to discover which is which.



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

## The 'burbs

## Around Town

	A			B			C	1
				2	7	4		
5					1	2		7
	4	D	7	9	E	6	2	F
3		5		8				4
	7				3		9	
4	8		G	5		H		
I				3	4	8		
2								5

In this Trividoku variation you will need to match two cities or areas on the right with a major city on the left. When you find the matching entries, **add their digits together** and fill that digit into the grid where the letter next to the major city appears.

Match the nearby areas to the major city. Add the two numbers from the "nearby" columns and place them into the lettered space above.

City	Nearby	+	Nearby
A Chicago, IL	0 Pelham		0 Evanston
B Columbus, OH	1 Galena Park		1 Beverly Hills
C Houston, TX	2 Cicero		1 Gahanna
D Indianapolis, IN	2 Long Beach		1 Yonkers
E Jacksonville, FL	2 Speedway		2 Orange Park
F Los Angeles, CA	3 Dublin		3 Yeadon
G New York, NY	3 St. Augustine		4 Tempe
H Philadelphia, PA	4 Drexel Hill		5 La Porte
I Phoenix, AZ	5 Mesa		6 Beech Grove

## Sudoku Golf

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

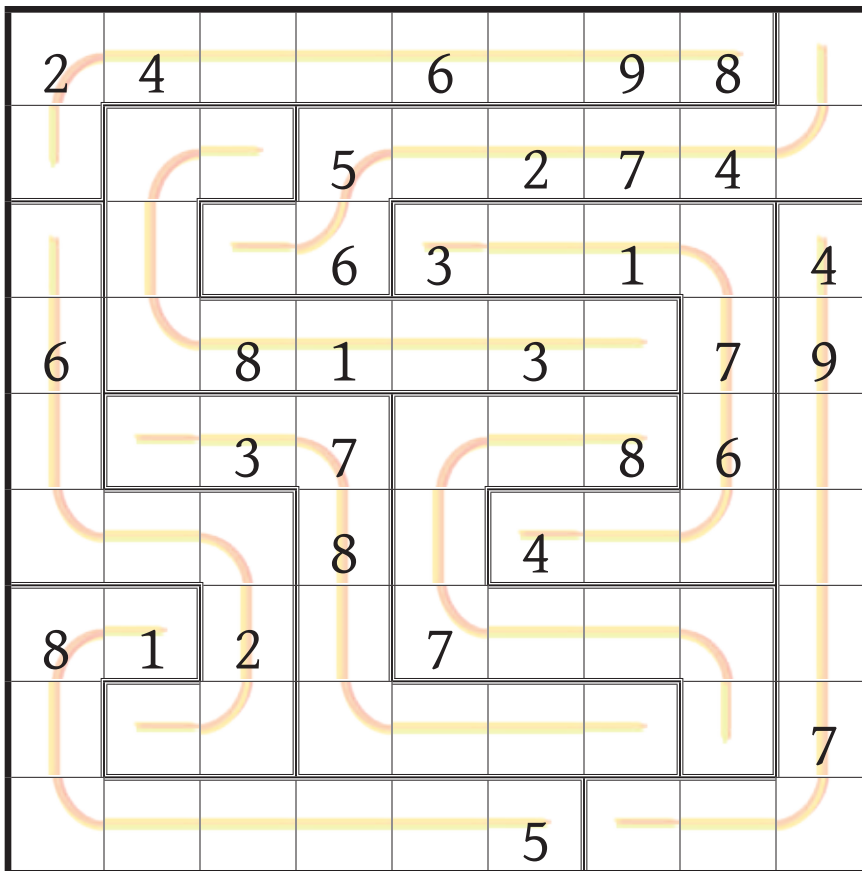
#1 Andy, Betty, Charlie and Diane  
 #2 went golfing  
 #3 nine holes one  
 #4 Spring morning.  
 #5 The scores they  
 #6 received on each  
 #7 hole can be found  
 #8 in the grid to the  
 #9 left. The top row  
 contains their  
 scores on hole  
 #1, the second  
 row is hole #2  
 and so forth.

Additionally, the following information is known:

- Diane had the best (lowest) score overall.
- Only two players got a hole in one and each got only the one.
- Each player had the same score on two consecutive holes at least once.
- Charlie had the worst score of anyone on a single hole.
- Betty beat Andy and everyone did better than Charlie.
- Nobody got an 8 on any hole.

	#1	#2	#3	#4	#5	#6	#7	#8	#9
Andy									
Betty									
Charlie									
Diane									
<b>Total</b>	15	14	16	17	21	10	19	10	19

## Pasta Time



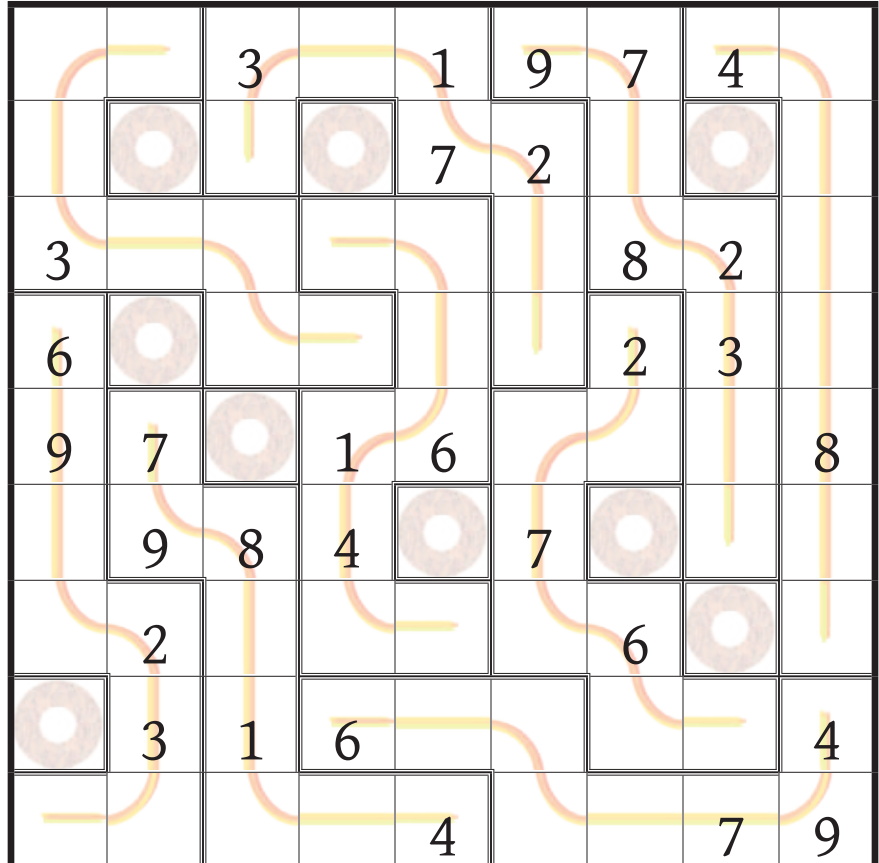
The nine strands of spaghetti to the left will each have the digits 1-9 appearing on them.

While rows and columns still have 1-9, there are no 3x3 box restrictions as there are in a normal Sudoku puzzle.

Spaghetti with meatballs, to the right, has eight unique digits on each strand of spaghetti. The missing digits (1-9) can be found on the meatballs scattered through the puzzle.



Each meatball will have a different digit.



## Additional puzzles

Sudoku-USA Spring 2015 Sampler

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

Add up the marked digits in the rows and columns to get the six totals listed below.

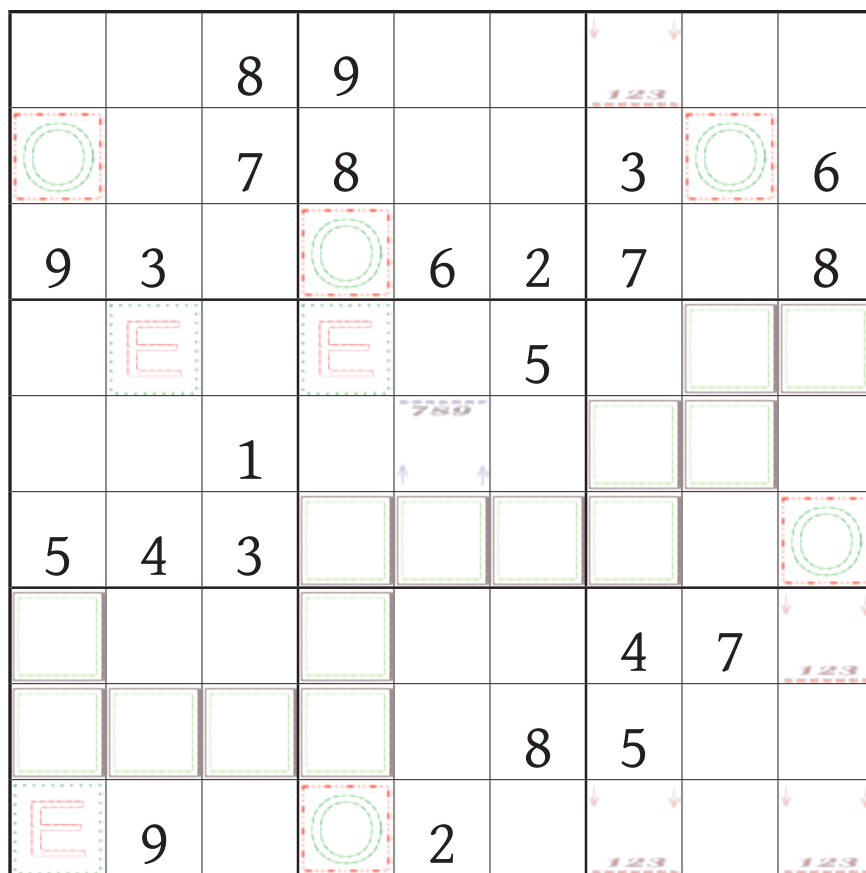
9	10	12
13	15	15

In this puzzle to the right, there are seven totals to find.

10	11	19	19
20	20	21	

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





The digits along the fault line are shown in the box below.

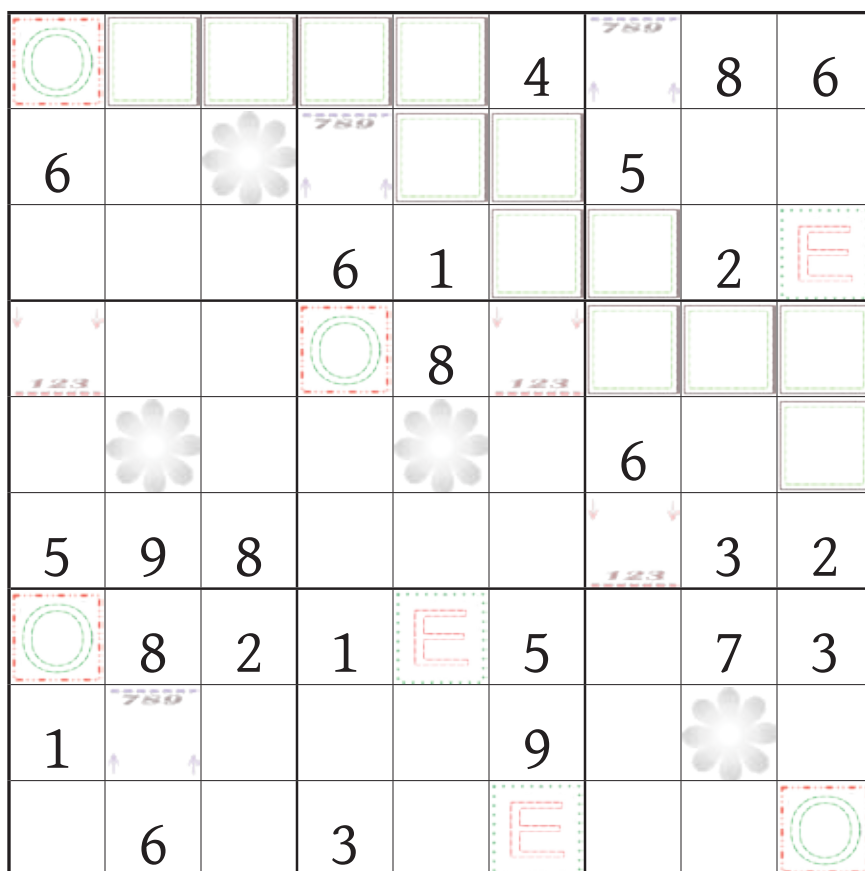
Additionally,

		789	↓	↓
↑	↑	123		
Even digits only	Odd digits only	7, 8 or 9 only	1, 2 or 3 only	

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

This puzzle adds flowers which contain digits less than the digit on one side, greater than the digit on the other (see page 2)

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



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

Fill in these puzzles so that each row, column and 3 x 4 box contains the digits 1-9 and three stars (★) Solutions are on page 10.

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



## Sudoku Picnic #1

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

## Sudoku Picnic #2

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

## The 'burbs

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

## Sudoku Golf

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

## Pasta Time #1

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

## Pasta Time #2

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

## Additional #1

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

## Additional #2

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

## Atlantis #1

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

## Atlantis #2

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

# Answers

## Page 8 - top

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

## Page 8 - bottom

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