

# GAS Leak

Genuinely Approachable Sudoku  
from the CtC Discord

Volume 50:

March 1 – March 31, 2025

Welcome to March!

We got a full month of GAS puzzles for you, one better than the other. This month includes a few rare or even new variants, for example one where you need multiplication, but also a hybrid with Kakuro and one where you need to count (some) neighbours. But we of course also have the classics – including classic sudokus. So there's something for everyone as our setters show their skills to set a different Genuinely Approachable Sudoku each and every day!

Have fun solving!

## March 1, 2025: Sloooooooooow Arrow

by Philip Newman

Walkthrough of "Sudoku Is For Lovers" by Bill:

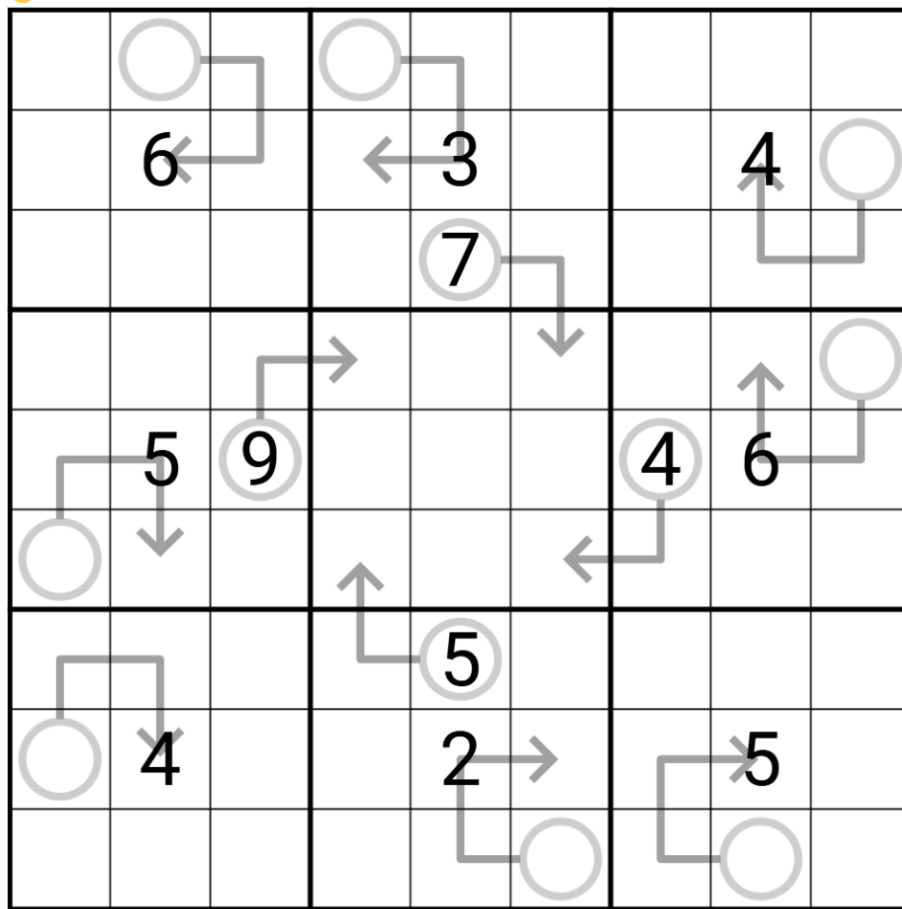
<https://youtu.be/3HwzN5QTOXg>

At some point I'll probably talk a little bit about some recent stuff related to why I'm so slow to post sometimes. But not today! Let the rampant speculation commence!

Today's **GAS** is an **Arrow Sudoku**!

Normal sudoku rules apply.

**Arrow:** Digits along arrows must sum to the circled total.



Play on SudokuPad: <https://sudokupad.app/philip-newman/20250301-sloooooooooow-arrow>

Play on f-puzzles: <https://f-puzzles.com/?id=23b29b4k>

**March 2, 2025: RSL**

by clover!

Walkthrough for Philip's "Sloooooow Arrow": <https://youtu.be/K1rEhTjUHLQ>

Good morning, friends! Today's GAS is an RSL sudoku. That means:

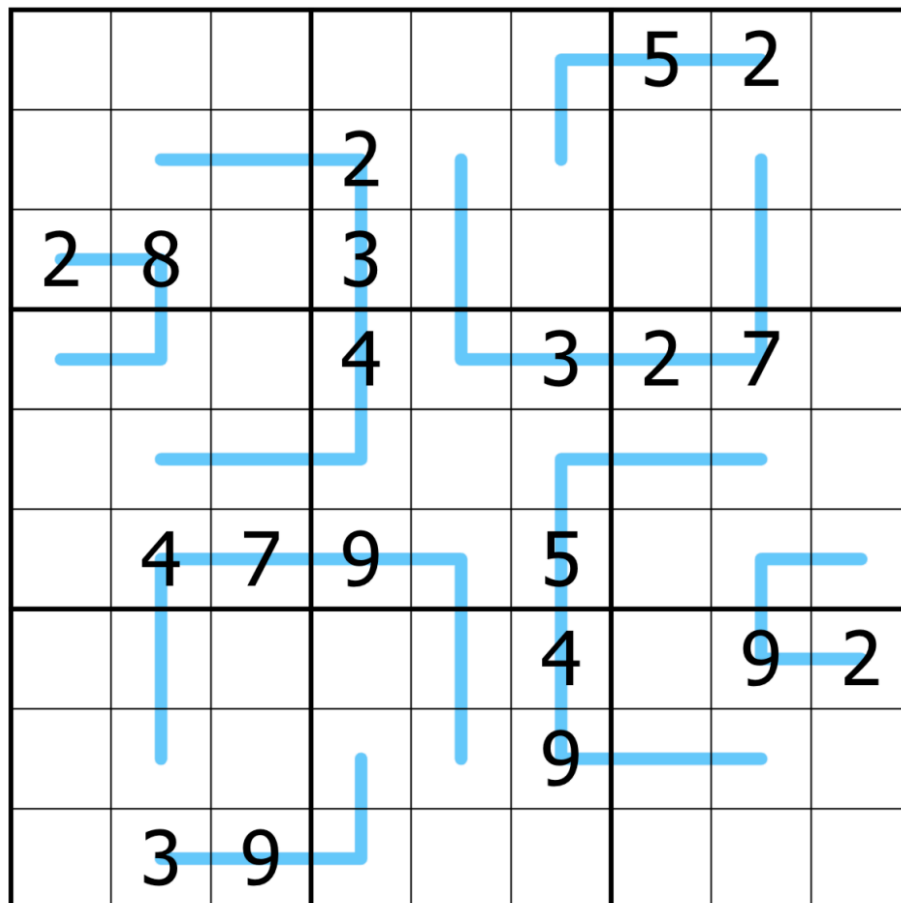
If you take it skydiving, it can be used as a substitute for your reserve static line!

If you spot it on Mars, it might be recurrent slope lineae!

If somebody tries to use it to communicate with you, it might be Russian sign language!

Region sum lines!

Normal sudoku rules apply. The grid contains some blue lines, each of which passes through multiple regions. On each line, the digits within each region it passes through have the same sum. For instance,  $r1c6 + r2c6 = r1c7 + r1c8$ .



SudokuPad: <https://sudokupad.app/il8y4wx8t8>

## March 3, 2025: Big Ideas/Hallways (Double Sudoku)

by Bill Murphy

Walkthrough for RSL: <https://youtu.be/BUlrRv-ALzM>

Been voraciously consuming Tom Scott's Lateral Podcast recently (going backwards from current date and i'm in the low 30's now) and there was just a banger of a cool fact in the most recent one, but due to the spirit of the show, I'll throw it under a spoiler.

[Typsetters Note: the spoiled text here is on the Hints page at the end of this document]

Today's GAS is **Two Classic Sudoku!**

*Put the digits 1-9 in each box, row and column.*

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

Big Ideas: <https://sudokupad.app/fi67ql845g>

⇓ ⇓ (The second puzzle is on the next page) ⇓ ⇓

Put the digits 1-9 in each box, row and column.

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

Hallways: <https://sudokupad.app/r2o4r2ht6o>

[Note from typesetter: The times in the table at the end are for both puzzles combined]

## March 4, 2025: The Absent Minded Commuter

by Philip Newman

Walkthrough of "Big Ideas" and "Hallways" by Bill:

[https://youtu.be/Na\\_8n1LLxF8](https://youtu.be/Na_8n1LLxF8)

Ok, today's slowness has nothing to do with what I hinted at last time. Today's sequence of events:

9am: Work Call

10am: Ping clover and Bill because I need something tested

10am-12pm: Get totally distracted by work

1pm-6:30pm: Make a big loop around the county, going from home (northwest) to a dermatology appointment (northeast) to the office (southeast) to the dentist (southwest) back home

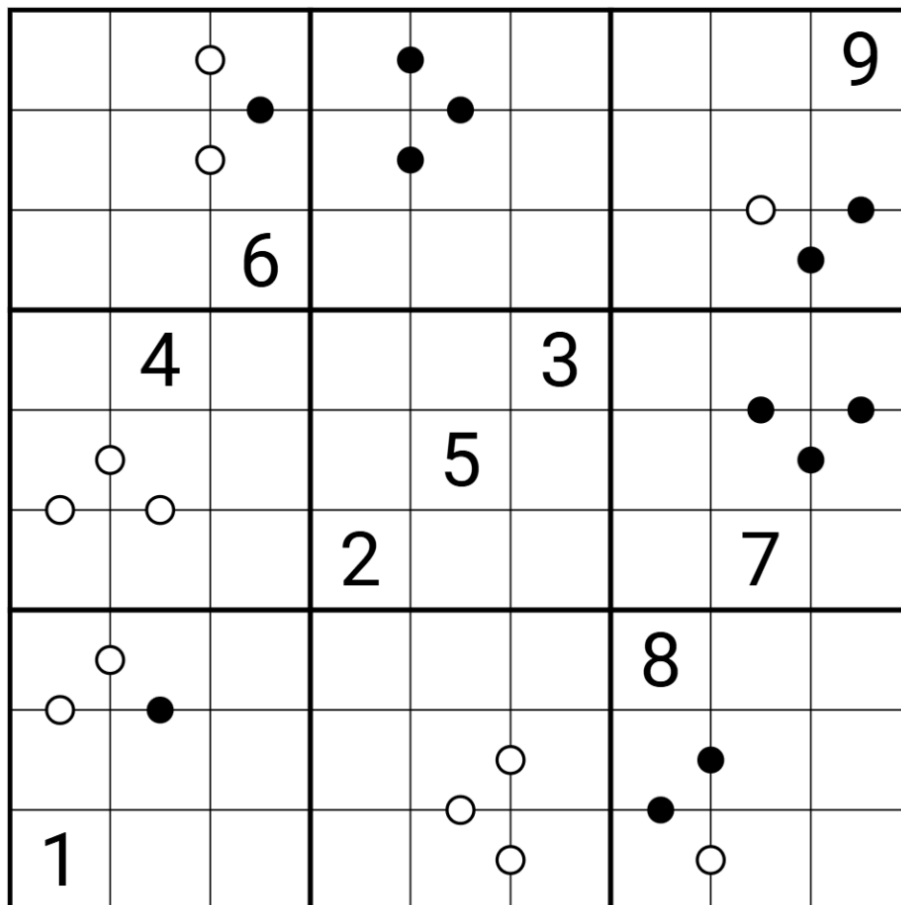
6:18pm: Notice notification from discord while waiting to pick up a grocery order, Bill saying he can test on his lunch break, have the sudden realization that I was supposed to post GAS

7pm: Nowish!

Today's **GAS** is a **Kropki Pairs Sudoku**!

↓↓ ↓↓ (The puzzle is on the next page) ↓↓ ↓↓

**Kropki Pairs:** Digits in cells separated by a white dot must be consecutive (have a difference of 1); digits in cells separated by a black dot must have a ratio of 2:1. (No negative constraint - other pairs of adjacent digits may have a difference of 1 or ratio of 2:1.)



Play on SudokuPad:

<https://sudokupad.app/philip-newman/20250304-the-absent-minded-commuter>

Play on f-puzzles: <https://f-puzzles.com/?id=27ogga7c>

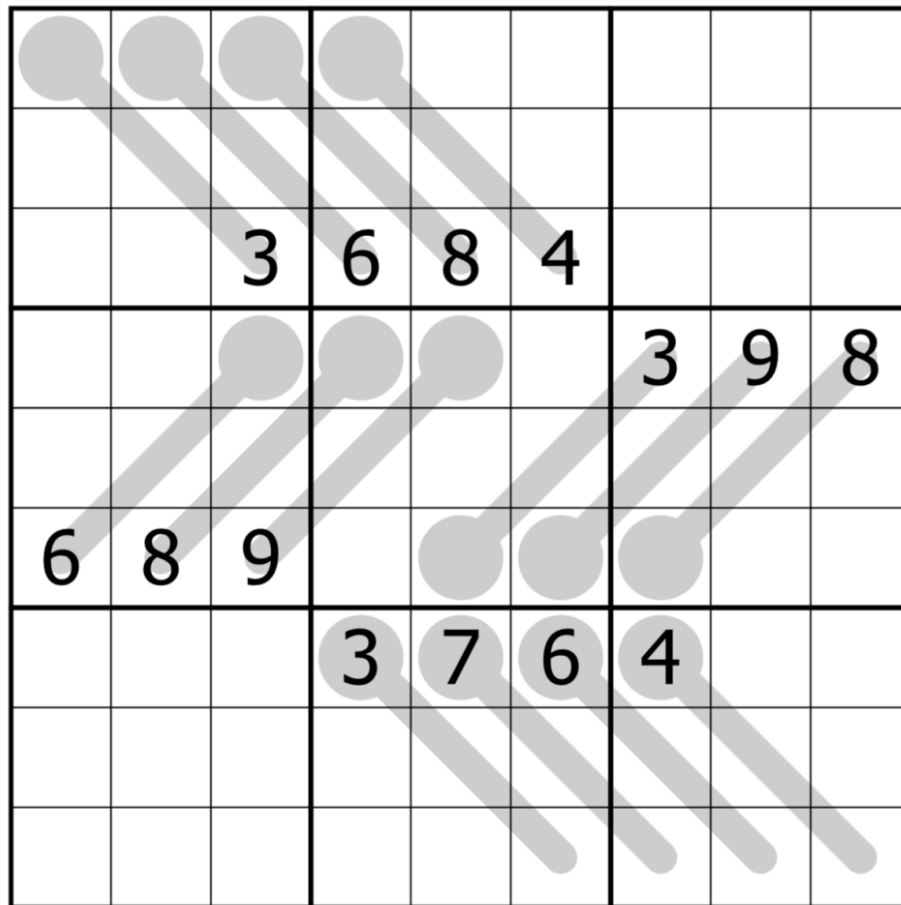


**March 5, 2025: Thermo**  
by clover!

Walkthrough for Philip's "The Absent Minded Commuter": <https://youtu.be/ydklUjFXFtQ>

Today's GAS is a **thermo sudoku**! I've combed it very carefully so that all of its hairs point in the same direction and it doesn't have any cowlicks. Tell it that it's a handsome little fella, would you?

Normal sudoku rules apply. Digits along thermometers must increase, starting from the round bulb end.



SudokuPad: <https://sudokupad.app/ri5vll1l3o>

**March 6, 2025: Mega Circuit**  
by Bill Murphy

Walkthrough for Thermo: <https://youtu.be/FLzMB5rruE4>

Noted Internet Food Nerd J. Kenji Lopez is quoted as saying "Sandwiches taste better when cut into triangles."

We here at GAS HQ did that with today's Numbered Rooms Sudoku, you'll have to let us know if it tastes good.

*Legal Note: Please do not eat the sudoku. We are not legally liable if you choose to eat a sudoku.*

*Normal Sudoku Rules Apply. Clues outside the grid give the digit which appears in the Xth cell from that clue, where X is the digit in the cell adjacent to the clue.*

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

<https://sudokupad.app/mt8m25wlyo>

**March 7, 2025: Conference Room**  
by Philip Newman

Walkthrough of "Mega Circuit" by Bill:  
<https://youtu.be/5DBAFVXhav8>

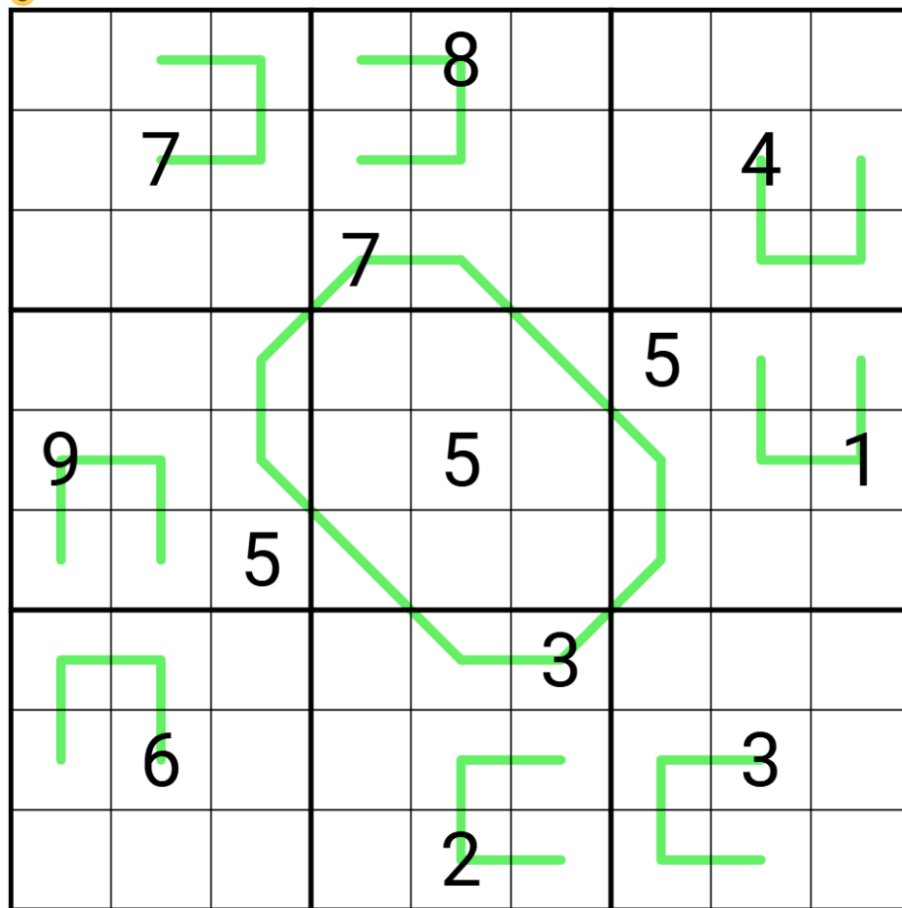
[JARRING CHORD]

NOBODY expects Philip to post early!

Today's **GAS** is a **German Whispers Sudoku**!

Normal sudoku rules apply.

**German Whispers:** Digits in cells directly connected by a line must differ by at least 5.



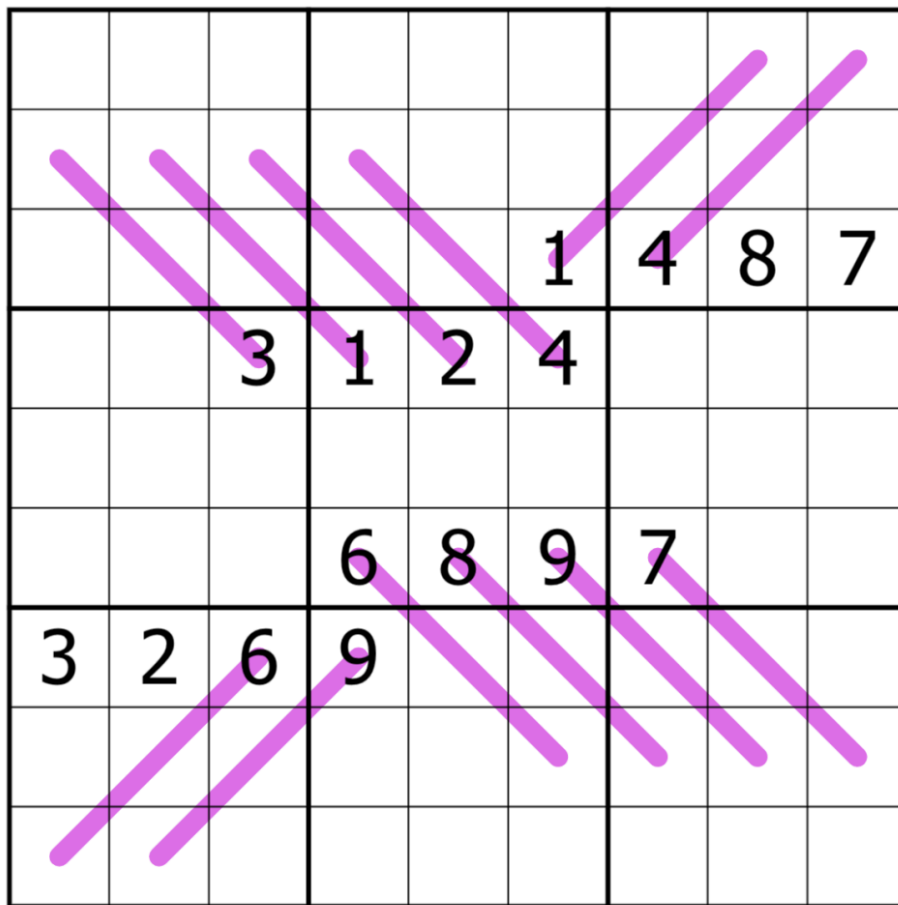
Play on SudokuPad: <https://sudokupad.app/philip-newman/20250307-conference-room>  
Play on f-puzzles: <https://f-puzzles.com/?id=2cg68oqw>

## March 8, 2025: Renban

by clover!

Good morning! For everyone who enjoyed the dapper little thermo a few days ago, I combed this renban sudoku for you too.

Normal sudoku rules apply. Each line contains a set of consecutive digits, which may appear in any order (such as 243).



SudokuPad: <https://sudokupad.app/p6j2rfiqqu>

## March 9, 2025: Honk If You're Lonely

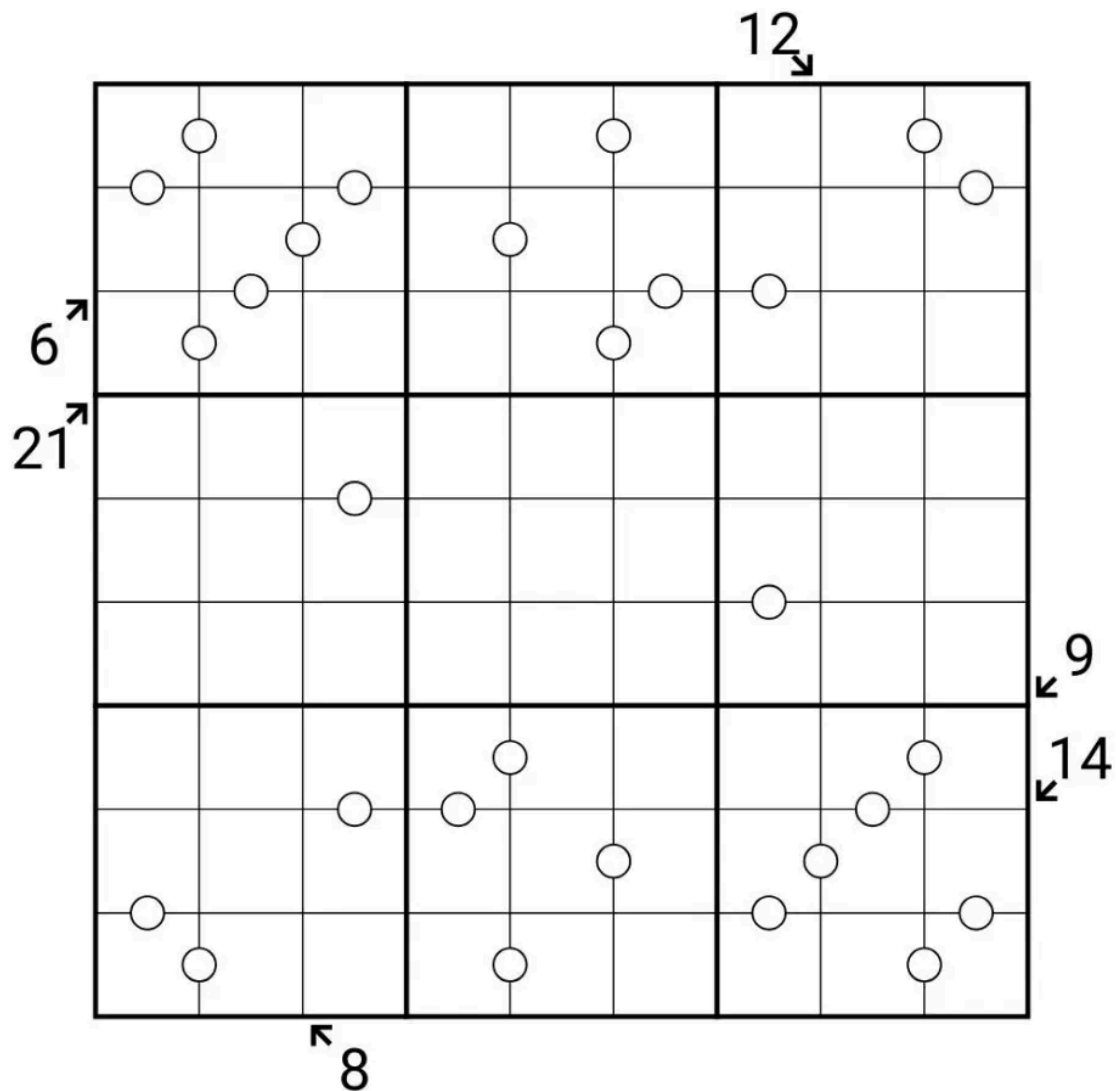
by Bill Murphy

Walkthrough for Renban: <https://youtu.be/r04Osdob86M>

Y'all should hit me with the 🙏 and the "gl:hf"s for Tuesday. Can't say anything further right now, sorry! (We'll talk more about it in a few months, it'll be fun)

Today GAS is a **Little Killer Consecutive Sudoku**!

*Normal Sudoku Rules Apply. Digits along indicated diagonals must sum to the given total. Digits separated by a white dot must be consecutive. Not all dots are given.*



<https://sudokupad.app/lhxx0egv6i>

## March 10, 2025: 9 More Squares

by Philip Newman

Walkthrough of "Honk If You're Lonely" by Bill:

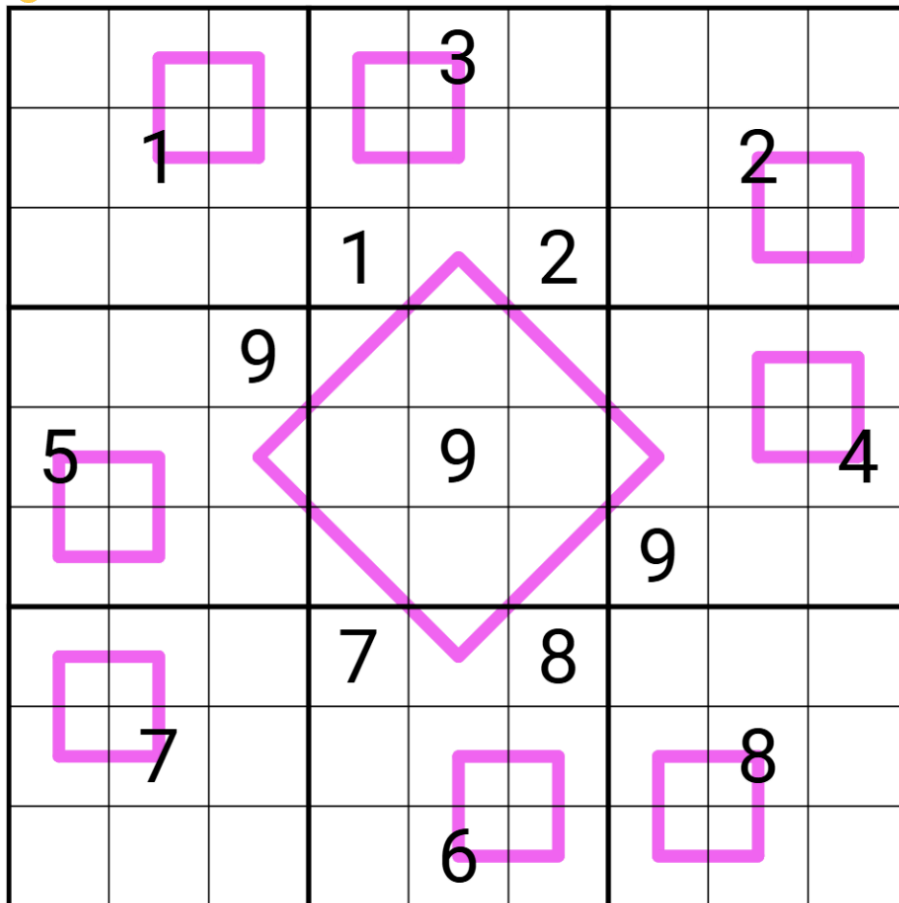
<https://youtu.be/UorlvZWOBf4>

If you had 2pm-3pm Central Daylight Time, congrats, you are a winner of today's edition of GAS When!, the only guessing game that is based on my ridiculous chaotic schedule!

Today's **GAS** is a **Renban Sudoku**! (Generous times today, courtesy of Bill's feedback...)

Normal sudoku rules apply.

**Renban:** Digits along lines must form a non-repeating consecutive set, in any order. (For example, a 4-cell renban line could be 4352, but not 5679 or 2312.)



Play on SudokuPad: <https://sudokupad.app/philip-newman/20250310-9-more-squares>

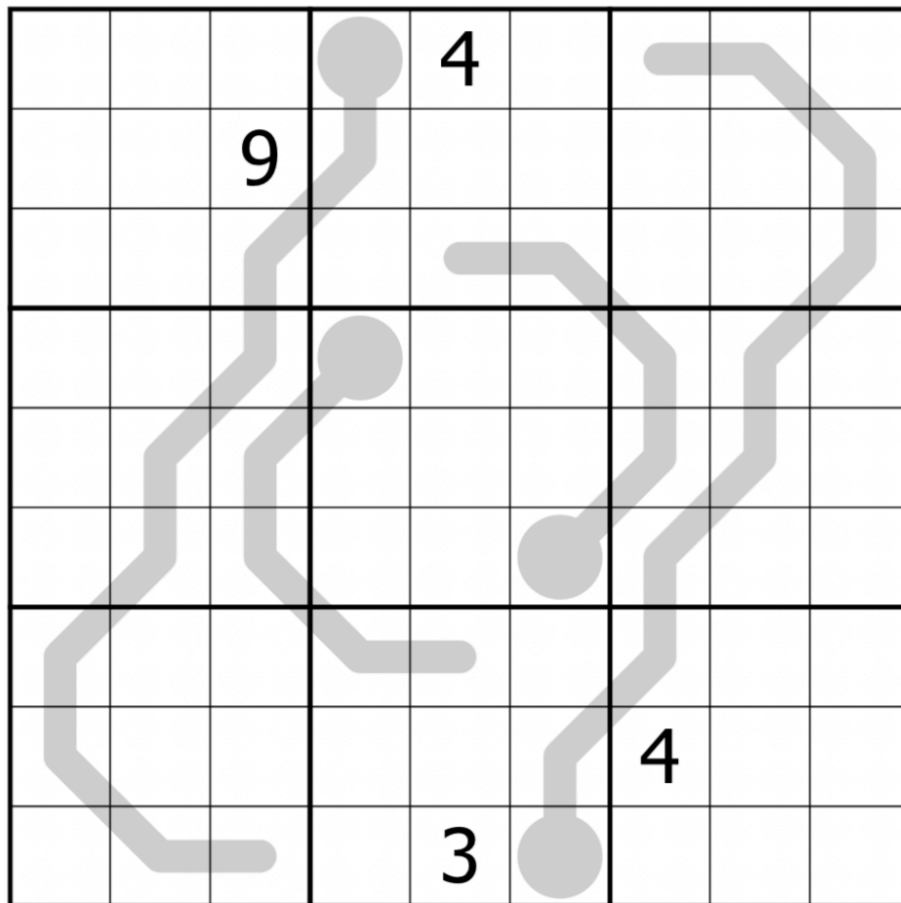
Play on f-puzzles: <https://f-puzzles.com/?id=2aqa7zrq>

## March 11, 2025: Sloooooow

by clover!

Many apologies for getting behind on solution videos. I'm sloooooooooooooooooow this week. So terribly slow, I've wrapped around and am posting a little bit early. Never get old, babes, I promise you it's a trap.

Normal sudoku rules apply. Slow thermo: digits along thermometers must either increase or stay the same, starting at the round bulb. For instance, a thermometer could contain the digits 223566888, in order.



SudokuPad: <https://sudokupad.app/lhua5h8xvs>

## March 12, 2025: Albury Wodonga

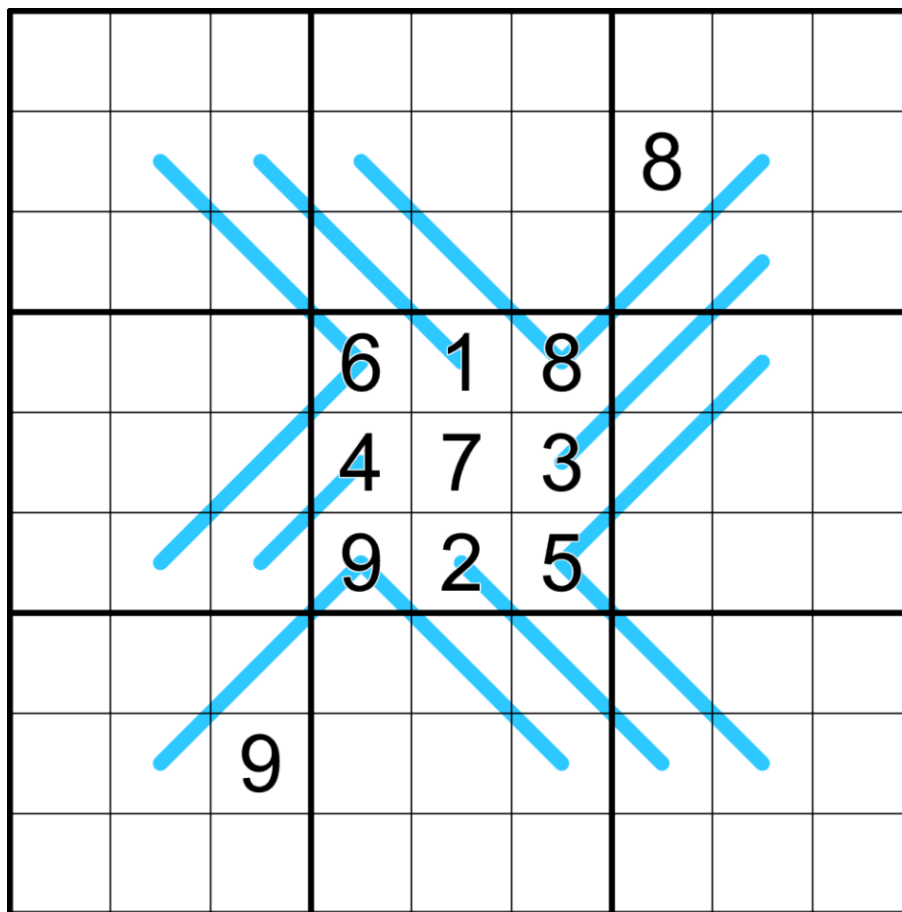
by Bill Murphy

Walkthrough for Slow Thermo when my fever breaks sadly

I did have a good time on tuesday! We'll talk more about it in a very long while and how I used "the secret" (yes, that sudoku one, I used it for real everyday life) to my advantage and if y'all agree Y is a vowel. Shame about getting a mad fever.

Today's GAS is a **Region Sum Line Sudoku**!

*Normal Sudoku Rules Apply. Digits along blue lines must have the same total in each box the line passes through.*



<https://sudokupad.app/kwk5kq0s5l>



## March 13, 2025: Surrounded

by Philip Newman

Walkthrough of "Albury Wodonga" by Bill:

<https://youtu.be/mhvaPMGTfuw>

The puzzle today has a few extra given digits, courtesy of Bill looking out for you guys. I mean, uh, because I'm super generous and definitely the easiest setter.

Today's **GAS** is an **X-Sums Sudoku**!

Normal sudoku rules apply.

**X-Sums: Clues outside the grid tell you the sum of the first X digits in the corresponding row or column, starting with the digit adjacent to the clue and continuing away from the clue, where X is the adjacent digit.** (For example: ?????7534 (19) would be a valid fill for a row where 19 is the sum of the rightmost 4 digits.)

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

Play on SudokuPad: <https://sudokupad.app/philip-newman/20250313-surrounded>

Play on f-puzzles: <https://f-puzzles.com/?id=23xoumuf>

## March 14, 2025: Dutch Flatmates

by clover!

Walkthrough for Philip's "Surrounded":

<https://youtu.be/A5ze3M3gwfU>

Good morning, friends! For those of you who wouldn't mind a little step up from GAS, I can't recommend Richard Stolk's Sudoku Variants Series

(<https://logic-masters.de/Raetselportal/Benutzer/eingestellt.php?name=Richard>) highly enough.

That's where I found inspiration for this puzzle, and if you'd like a bonus hat, feel free to go find, and solve, Richard's version 😊

In this **Dutch flatmates sudoku**, normal sudoku rules apply. Every 5 in the grid has a 1 directly above it, a 9 directly below it, or both.

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

SudokuPad: <https://sudokupad.app/v2ky1ld5i6>

## March 15, 2025: Star Product Sudoku

by Bill Murphy

Walkthrough for Renban: <https://youtu.be/r04Osdob86M>

Walkthrough for Sloooooow: <https://youtu.be/ZSUm86ZdV5U>

Walkthrough for Dutch Flatmates: <https://youtu.be/YwpBBGq1FAE>

Turns out it was the flu! Having a really good run this year of catching things I got immunised for anyway just in time to ruin really lovely plans my girlfriend made. (just an annoying cough left, you can tell in the videos)

However, it's definitely let me be a little looser and weirder with puzzle setting and you'll see a few in the next couple weeks, but today's GAS was a request from friend of the crew, @engy, **Star Product Sudoku!**

*(this is not a precedent, please don't send requests unless you're engy or paying me money on patreon)*

*Normal Sudoku Rules Apply. Clues outside the grid give the product of cells containing a star in that row or column. (All starred cells are also shaded for visibility.)*

Now, I'm gonna put it as a GAS 101, because we definitely have a few mathphobes here, I dunno if it's necessary, but it's easier than not having it. But if I was solving puzzles for a GP, there'd be two different ways of looking at a puzzle like this, so I took one of the easier ones.

GAS 101: [see Hints page at the end of this document]

↓↓ ↓↓ (The puzzle is on the next page) ↓↓ ↓↓

Normal Sudoku Rules Apply. Clues outside the grid give the product of cells containing a star in that row or column. (All starred cells are also shaded for visibility.)

	432	24	20	24	80	14	40	27	8
6				*	*				*
45			*					*	
32		*	9				*		
16	*		3			*			
120	*				*				*
16				*			9		*
12			*				2	*	
30		*					*		
504	*				*	*			

<https://sudokupad.app/7oavw5c576>

## March 16, 2025: Lil' Trio

by Philip Newman

Walkthrough of "Star Product Sudoku" by Bill:

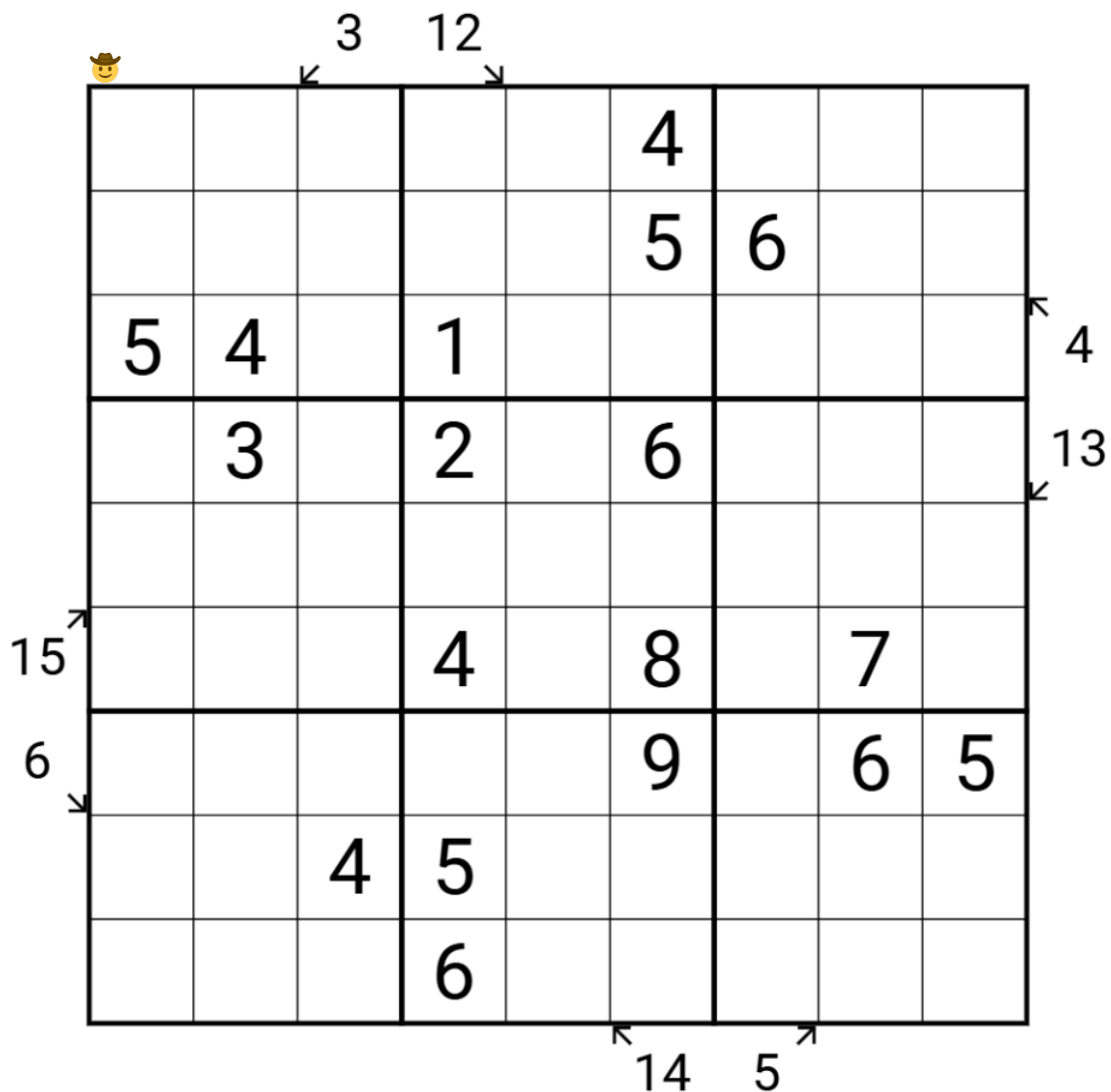
<https://youtu.be/g1YpgLc7xlw>

What's the deal with all these givens in my puzzles lately? I'm gonna have to do something about this... >\_>

Today's **GAS** is a **Little Killer Sudoku**!

Normal sudoku rules apply.

**Little Killer: Digits along the indicated diagonals must sum to the total given (digits may repeat if allowed by other rules).**



Play on SudokuPad: <https://sudokupad.app/philip-newman/20250316-lil-trio>

Play on f-puzzles: <https://f-puzzles.com/?id=26ju4u3w>

## March 17, 2025: Killer Sudoku

by clover! (Intro by Philip Newman)

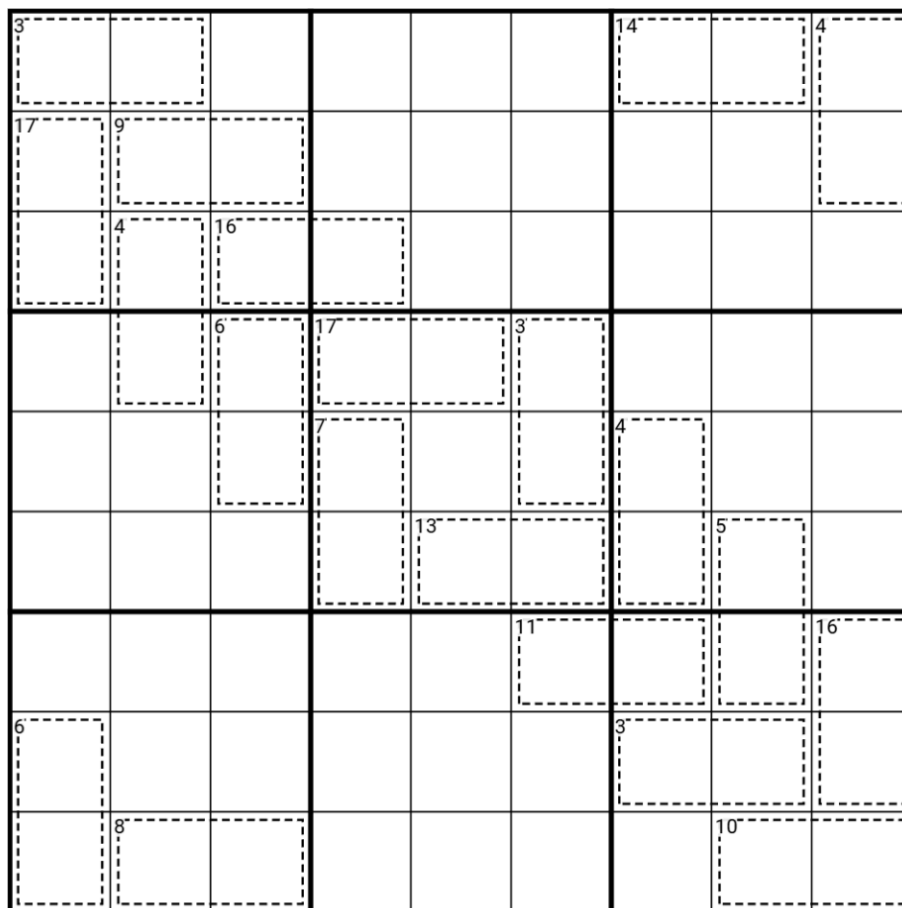
Walkthrough for Philip's "Lil' Trio":

[https://youtu.be/M-Cmw\\_me-nM](https://youtu.be/M-Cmw_me-nM)

Good morning, friends! It's me again, the only GAS setter who *a/ways* posts on time, consistently in the morning. I'm posting for @clover? this morning because she forgot to post before leaving for work. Can you imagine? *Never* in the history of GAS has someone forgotten to post GAS before leaving the house. What's that? HOW DARE YOU MENTION 13 DAYS AGO! Time is an illusion, the past is a lie, you are a Boltzmann brain which popped into existence moments ago with memories of a life as a human including these scandalous accusations of late postings by a non-existent groovy attractive setter of handcrafted puzzly goodness. I just hope (or would, if I existed outside your mind) that the quantum fluctuations that brought you into existence give you enough time to solve today's puzzle.

Today's **GAS** is a **Killer Sudoku**!

Normal sudoku rules apply. Digits in cages sum to the indicated totals.



SudokuPad: <https://sudokupad.app/0qbt11p1jt>

## March 18, 2025: Fives Sudoku

by Bill Murphy

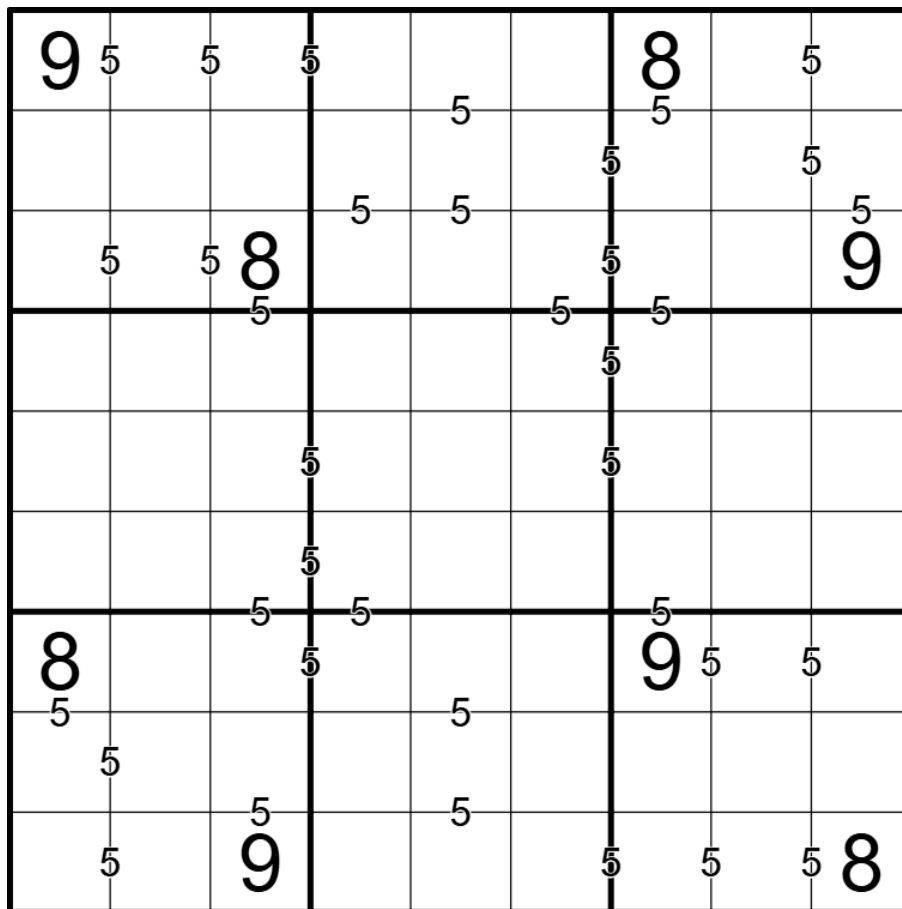
Walkthrough for Killer: [https://youtu.be/5jQ1IWj\\_eHY](https://youtu.be/5jQ1IWj_eHY)

Seven savvy Sudoku solver swiftly sketch several slippery square, setting six specific sum successfully.

Today's GA5 is a **Fives Sudoku** (-)!

I'm gonna drop the bit for a second because that's right, it's 🚨🚨 **NEGATIVE CONSTRAINT ALERT TIME** 🚨🚨

*Normal Sudoku Rules Apply. Digits in cells separated by a 5 must have either a sum or difference of 5. All 5s are given.*



<https://sudokupad.app/s9cv8zfe81>

## March 19, 2025: Tatooine Mirage

by Philip Newman

Walkthrough of "Fives Sudoku" by Bill:  
<https://youtu.be/J1r8mKVzJYc>

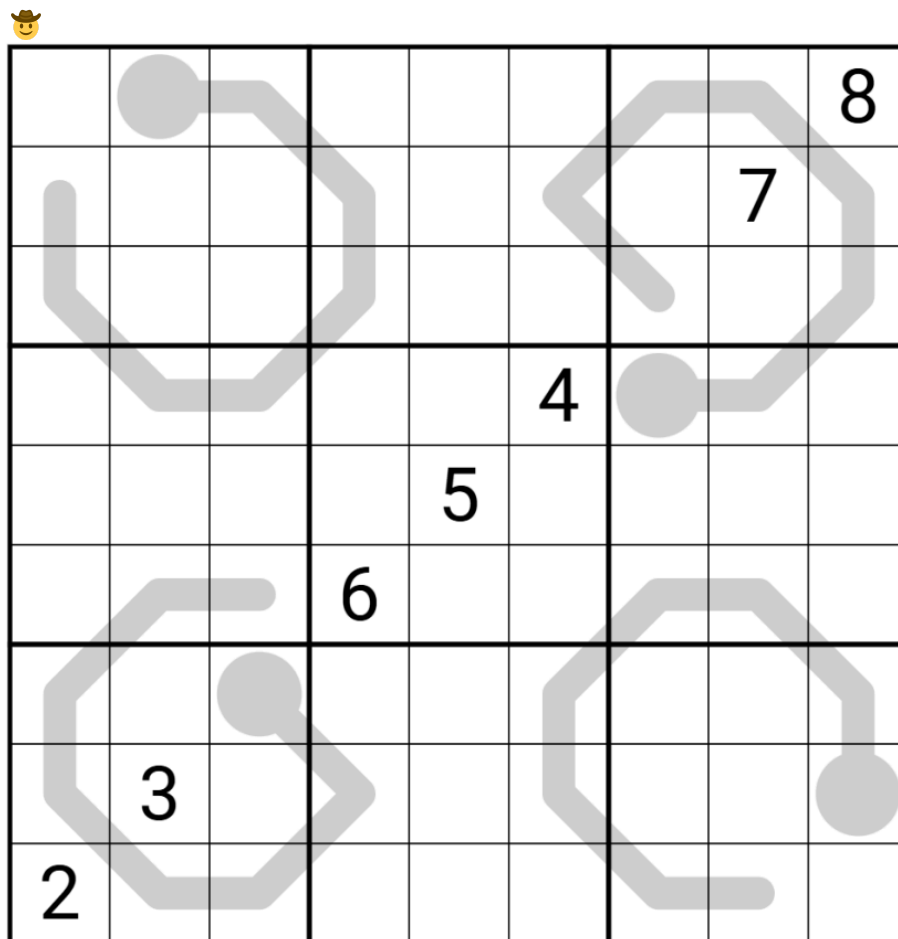
I am extra discombobulated today... Son had a sleepover last night, so wife was planning to take daughter out for a special outing... but wife is sick so I did instead. Which was great! Look at that giant cookie! But I'm definitely feeling the schedule disruption today.



Today's **GAS** is a **Thermo Sudoku**!

Normal sudoku rules apply.

**Thermo:** Digits along thermometers must strictly increase from bulb to tip.



Play on SudokuPad: <https://sudokupad.app/philip-newman/20250319-tatooine-mirage>  
Play on f-puzzles: <https://f-puzzles.com/?id=23gcnj2h>



## March 20, 2025: XV Pairs

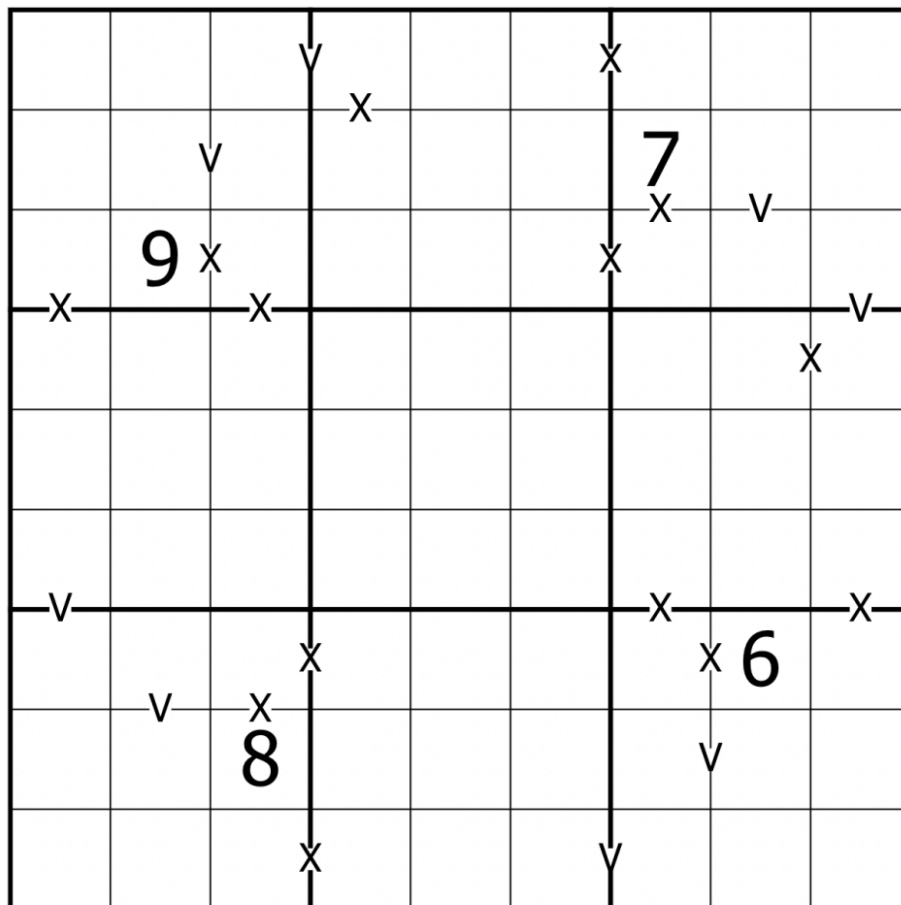
by clover!

Walkthrough for Philip's "Tatooine Mirage": <https://youtu.be/VCJfvSjehxA>

Today's GAS is an **XV Pairs sudoku**! Not a pair of XV sudokus; you'd be much less happy about that, rest assured.

By the way, SudokuCon starts in exactly two weeks. Are you going to be there? I will!

Normal sudoku rules apply. Digits separated by a V sum to 5; digits separated by an X sum to 10. Not all Xs and Vs have necessarily been given.



SudokuPad: <https://sudokupad.app/usllx1ukf9>

## March 21, 2025: Sudokuro

by Bill Murphy

Today's GAS is a **Sudokuro**! A hybrid of Sudoku and Kakuro, like all the best things, Cappuccino, Ligers, and Strawberries and Cream. (I'm thinking about food and cool animals a lot)

*Place the digits 1-6 into each unshaded region such that there is no repeats in any column or row.*

*Numbers in shaded cells give the sum of the run of unshaded cells seen in the direction of the clue.*

**EDIT:** Turns out, there's a lot of people not familiar with Kakuro! That's great! Kakuro has been around for nearly 60 years, but there's always more to learn and see in the world is the sort of stuff I find really inspiring. What I've done is linked to some Kakuro that GAPP did, if you'd like to see some example puzzles, and to practice your kakuro skills before giving this one a go. There's two differences between my puzzle and a standard kakuro,

1. **There are regions in my puzzle, each is 6 cells and must have the digits 1-6 once each.**
2. **Digits cannot repeat along rows and columns in today's GAS, but they can in a Kakuro.**

[Kakuro – Jovial](#)

[Kakuro - Lavaloid](#)

[Kakuro – Clover](#)

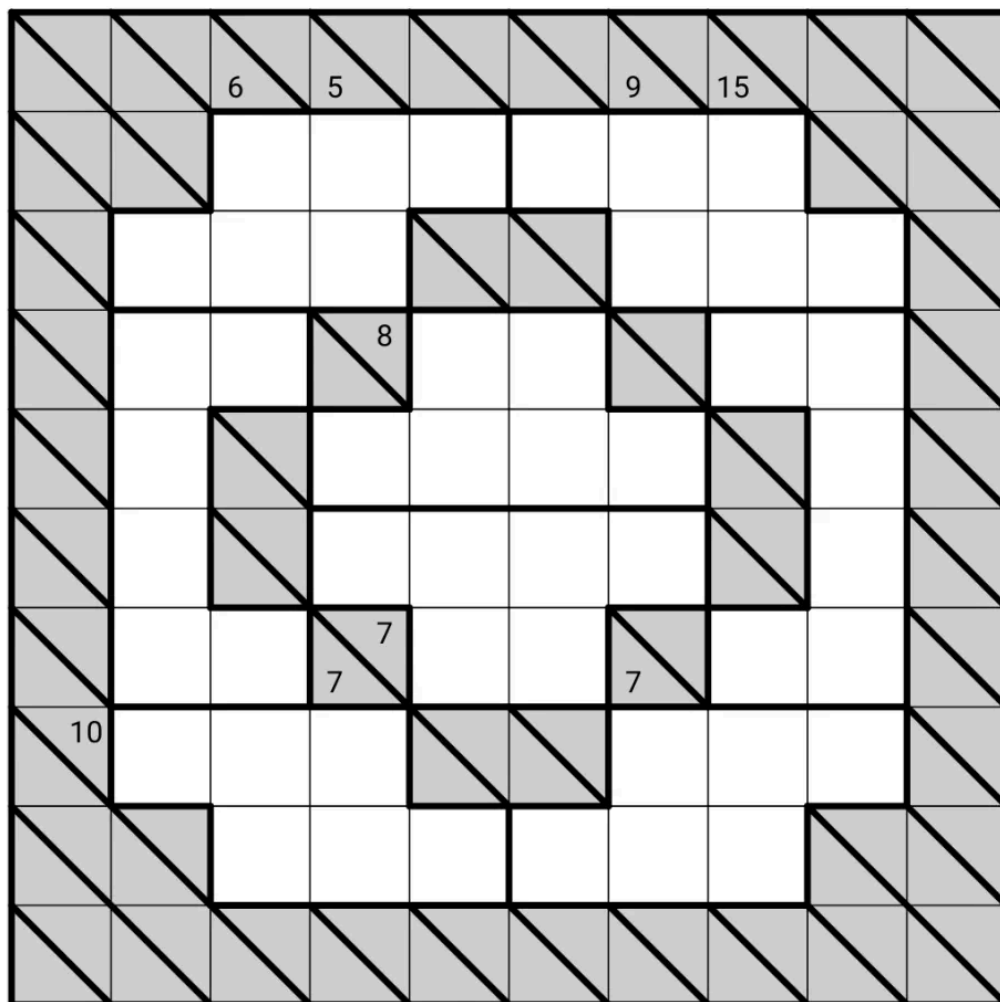
[Kakuro - Clover Again](#)

[Kakuro \(Hexagonal\) - Freddie](#)

↓↓ ↓↓ (The puzzle is on the next page) ↓↓ ↓↓

Place the digits 1-6 into each unshaded region such that there is no repeats in any column or row.

Numbers in shaded cells give the sum of the run of unshaded cells seen in the direction of the clue.



Penpa: <https://tinyurl.com/2bhgzopd>  
 Sudokupad: <https://sudokupad.app/onnwl66b8d>

## March 22, 2025: Echo Chamber

by Philip Newman

Walkthrough of "Sudokuro" by Bill:

[https://youtu.be/1xxOwiwr\\_6Y](https://youtu.be/1xxOwiwr_6Y)

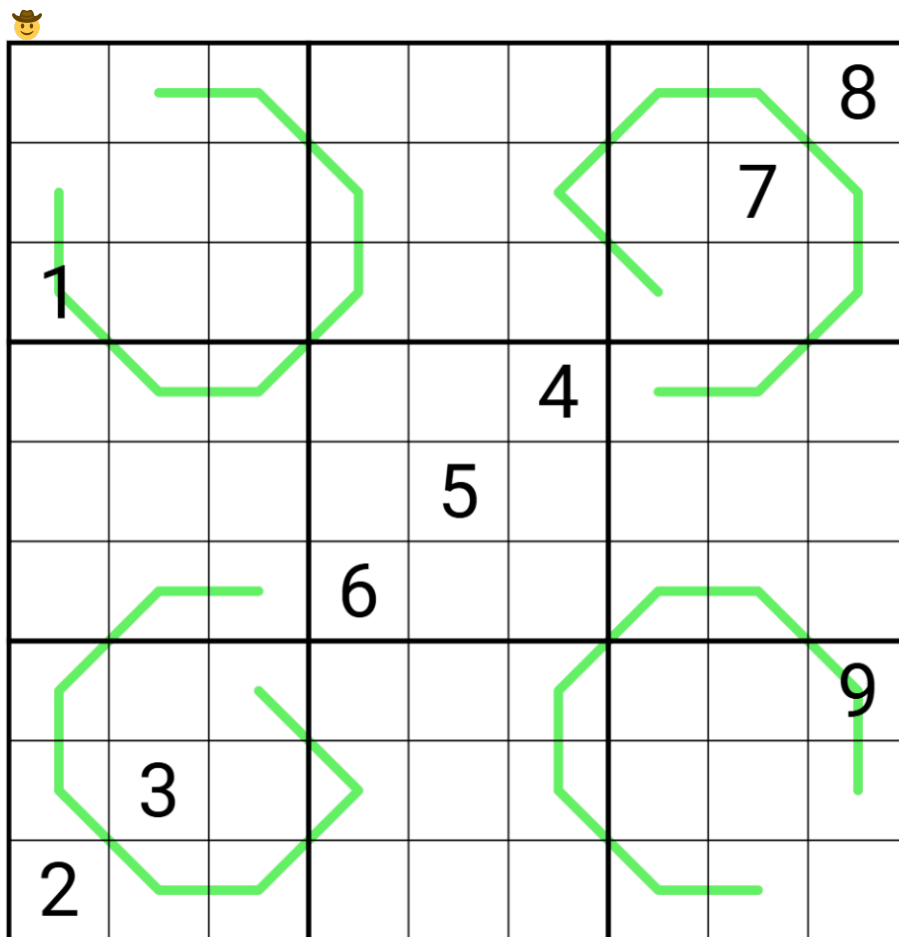
I'm writing this in advance because I'm going to be traveling, so let's just assume you're all shocked by how early I'm posting this. (Won't it be funny if I post at 4pm?)

Today's **GAS** is a **German Whispers Sudoku**!

This one is a bit spicy 🌶️! If you need some pointers about German Whispers, check out this short by @clover?: <https://youtube.com/shorts/NDjQff1YPal>

Normal sudoku rules apply.

**German Whispers: Digits in cells directly connected by a line must differ by at least 5.**



Play on SudokuPad: <https://sudokupad.app/philip-newman/20250322-echo-chamber>

Play on f-puzzles: <https://f-puzzles.com/?id=2b536suc>

## March 23, 2025: Odd Even Count

by clover!

Walkthrough for Philip's "Echo Chamber": [https://youtu.be/9gCl0VwV\\_Q0](https://youtu.be/9gCl0VwV_Q0)

I'm on my way into a meeting, the purpose of which is to finalize the catering menu for SudokuCon! My proposal is that we offer snack platters of delicious digits for participants to munch on. Maybe some renban licorice ropes and trays of German Whispers celery sticks.

Today's GAS is an **odd/even count** sudoku! Normal sudoku rules apply. The digit in each circle tells you the total number of digits of the same parity as itself (odd or even) in the (up to) eight surrounding cells. For instance, if a circle contains a 4, then the surrounding cells must contain exactly four more even digits.

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

SudokuPad: <https://sudokupad.app/cboi9orjuv>

## March 24, 2025: Offset Sudoku

by Bill Murphy

Walkthrough for XV Pairs: <https://youtu.be/F43uZny9REM>

Walkthrough for Odd Even Count: <https://youtu.be/YNntnUCxBP8>

the day a lot of people on the internet get weird about, April 1st is coming. Genuinely floated the offer around that I'll just read poetry for a sleep podcast type deal instead of my original plan which is [something that will get people more grumpy than they were last year, there's still comments about that one]. Please react to this post with birds if you think that's worth the time to do 😊

Today's GAS is an **Offset Sudoku**. I've done this for GAS once before, but it's been two whole years.

*Normal Sudoku Rules Apply. Digits in shaded cells must appear in the Xth cell in the row below it, where X is the digit to the right of the shaded cell.*

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

<https://sudokupad.app/srp0k8gvda>

## by Philip Newman

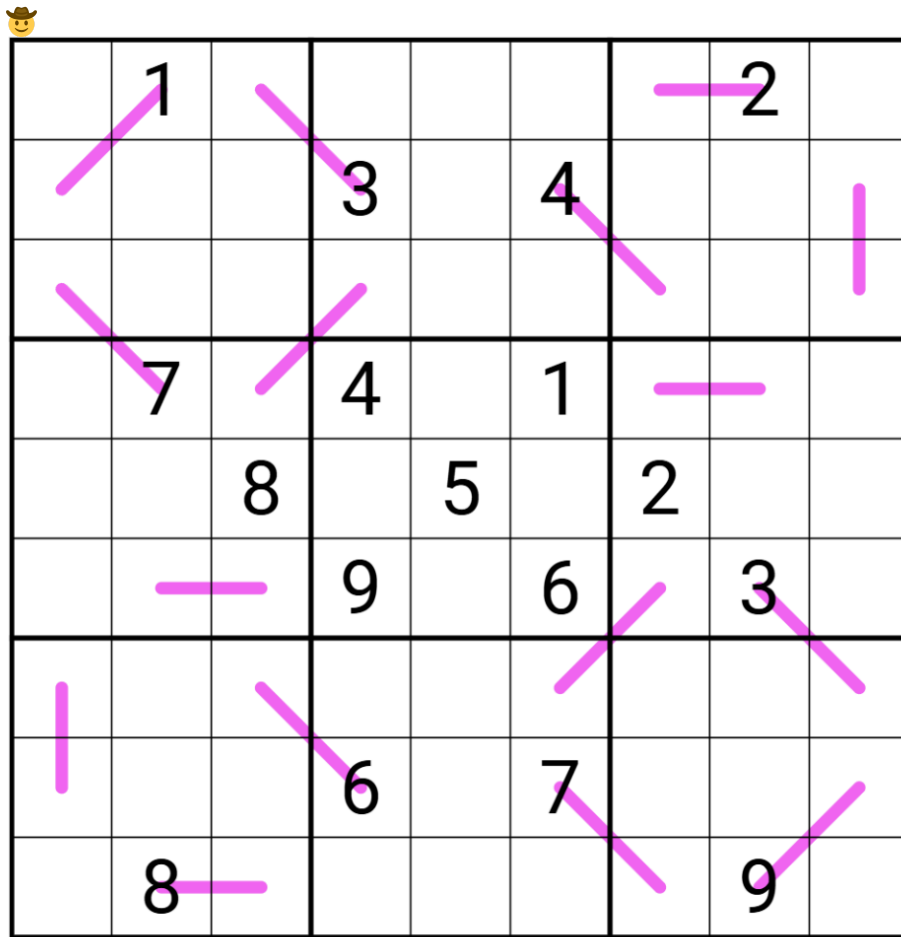
<https://youtu.be/QIFXQaIKyVE>

🎵 Springtime... and the living is sneezy... 🎵

Today's **GAS** is a **Renban Sudoku**!

Normal sudoku rules apply.

**Renban:** Digits along lines must form a non-repeating consecutive set, in any order. (For example, a 4-cell renban line could be 4352, but not 5679 or 2312.)



Play on SudokuPad: <https://sudokupad.app/philip-newman/20250325-cheeky-nandos>

Play on f-puzzles: <https://f-puzzles.com/?id=26umee72>

## March 26, 2025: Vault

by clover!

Walkthrough for Philip's "Cheeky Nandos":

<https://youtu.be/ajAG63jlqv8> (many thanks to guest solver @Gliperal, who saved you all from my ugly mug this morning!)

You've been warned once, and now I'll warn you again: April Fool's Day is *imminent*. If you were here for the last three years, you know this is GAS's favorite holiday (our only holiday, really).

Like every year: We promise that all of the puzzles posted in this channel on April 1 will be actual, solvable logic puzzles. We promise that, to the best of our abilities, all jokes made here will be good-natured and not aimed at any specific person or group. We also promise to explain all of the jokes sincerely and in full shortly after the holiday ends.

But today is not April Fools, so let's have a lovely **vault sudoku**!

Normal sudoku rules apply. If a digit appears anywhere inside of a cage, it can't appear in any of the cells orthogonally touching that cage on the outside. For instance, since there's a 4 in the topmost cage, none of the cells immediately adjacent to that cage can contain a 4.

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

SudokuPad: <https://sudokupad.app/z63aaryqkj>



## March 27, 2025: Uno II

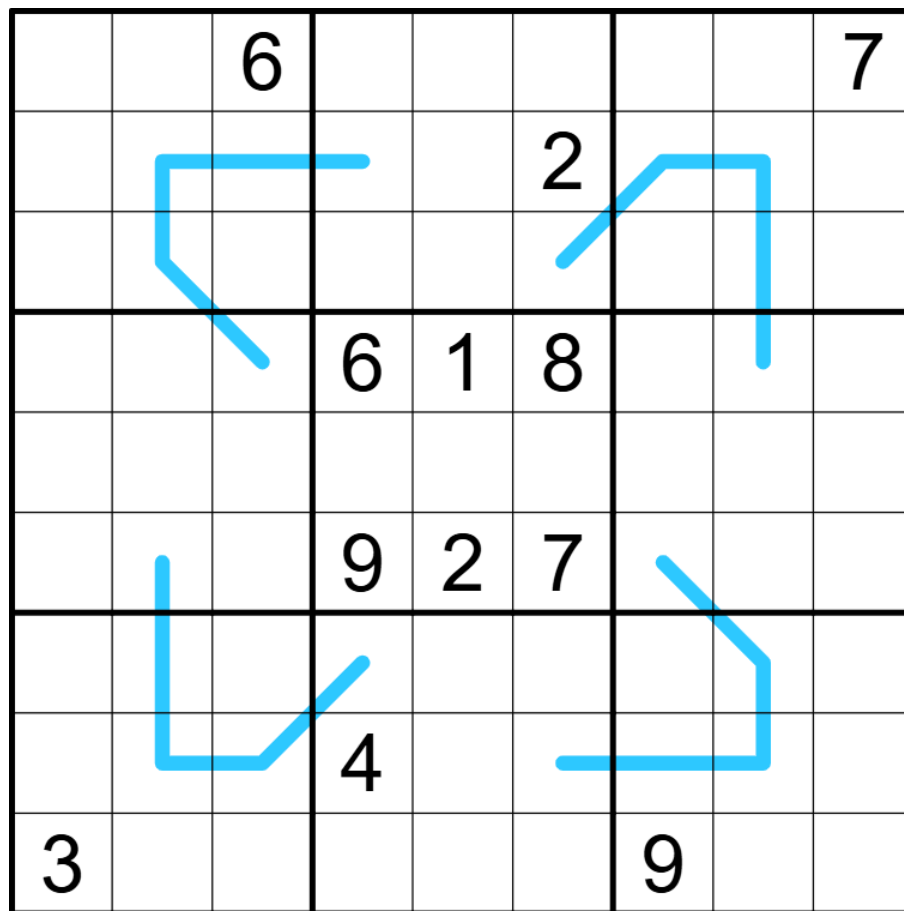
by Bill Murphy

Walkthrough for Vault Sudoku: <https://youtu.be/IdOidEYSAOo>

So uh, I guess, got any recommendations for Poetry for me to read out loud for like 45 minutes? Either that, or I'm just gonna read some science stuff, or my favourite article of all time about playing "*The boys are back in town*" on the local jukebox until you get kicked out of a bar.

Today's **GAS** is a **Region Sum Lines** Sudoku, inspired by a way too hard Philip puzzle. Sometimes you get inspired by the weirdest things, like dumb bits for April Fools.

*Normal Sudoku Rules Apply. Digits along blue lines must have the same sum in every box the line passes through.*



<https://sudokupad.app/46w9hiwi9k>

## March 28, 2025: NOT The Way Too Hard One

by Philip Newman

🎵 Springtime... and the living is sneezy... 🎵

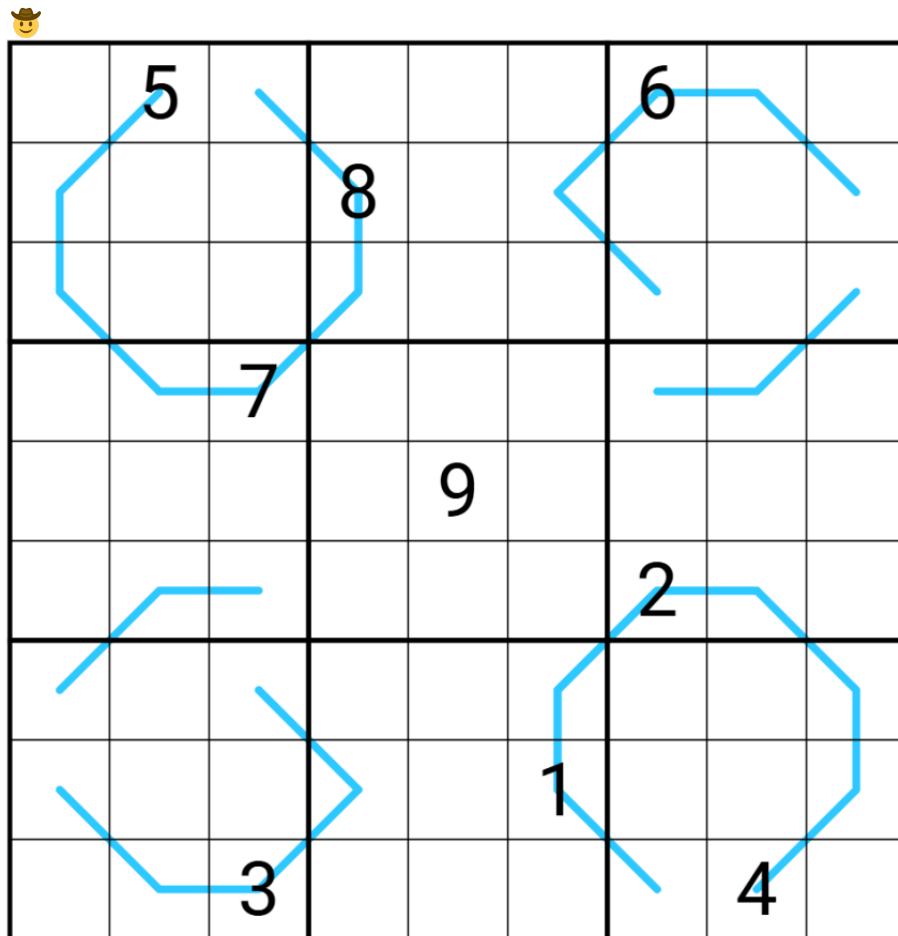
Don't worry, this isn't the "way too hard" puzzle Bill referenced yesterday... though it does use the same layout for the lines. *This* one has given digits on the lines. *Maaaaaaaaybe* you'll see the "way too hard" one someday if I work out a solve path.

Today's **GAS** is a **Region Sum Lines Sudoku**!

Normal sudoku rules apply.

**Region Sum Lines:** Along each line, the digits in every region it passes through have the **same sum**. (If multiple disconnected segments of a line pass through a single region, each segment separately sums to the total for the line.)

For example:  $r1c2 + r2c1 + r3c1 = r4c2 + r4c3 = r3c4 + r2c4 = r1c3$



Play on SudokuPad: <https://sudokupad.app/philip-newman/20250328-not-the-way-too-hard-one>

Play on f-puzzles: <https://f-puzzles.com/?id=2crpqv6w>

by clover!

SudokuCon starts in less than one week! Also, I have a case of the lurgy, which might explain this puzzle.

13	8						2		6	6
		4				5			6	
4			6		4					
7									3	
			5		8				4	
8		2				4				
6	4						6		11	
	9		16	13		8	10			

SudokuPad: <https://sudokupad.app/2318s8vgmf>

## March 30, 2025: Pathfinder Sudoku

by Bill Murphy

Walkthrough for Irregular Frame Tomorrow

Ok, listen, today's **GAS** is a ~~Classic Sudoku~~ **Pathfinder Sudoku**!

What's a Pathfinder Sudoku? When I took a week off work because I had the flu a couple weeks back, I was looking for variants to set, found one, set this and then it turns out I had misread it so truly badly, there was nothing that the original variant had that this puzzle I had set had other than "arrows" and direction in the rules.

As I was cooking/cooked, this is a fairly simple proof of concept, I like it enough that I'll come back and make something harder (but still GAS) soon, but if you make something in the next week or so, please @ me, I'd love to see it. (Feel free to modify it to make it trickier, I'm not even set on a name)

*Normal Sudoku Rules Apply. There are 9 arrow containing cells in the grid which must contain the digits 1-9 as well, with each cell pointing at the next digit in arithmetic sequence. (9 will point back at 1.)*

(r5c5 has an arrow too, if it's not immediately apparent.)

6								2
	→			←			↓	
		4	2	7		9		
					8	4		
	→	2		↓ 1		3	↖	
		1	9					
		6		5	7	8		
	↑			←			↖	
5								3

<https://sudokupad.app/nr59t9p34q>

## March 31, 2025: Foolseve

by Philip Newman

Walkthrough of "Pathfinder Sudoku" by Bill:

<https://youtu.be/pbdzSsylchg>

Walkthrough of "Uno II" by Bill:

<https://youtu.be/FclbMIsKNW8>

Walkthrough of "Offset Sudoku" by Bill:

<https://youtu.be/QlFXQalKyVE>

🎵 Springtime... and the living is sneezy... 🎵

Today's **GAS** is a **Between Lines Sudoku**!

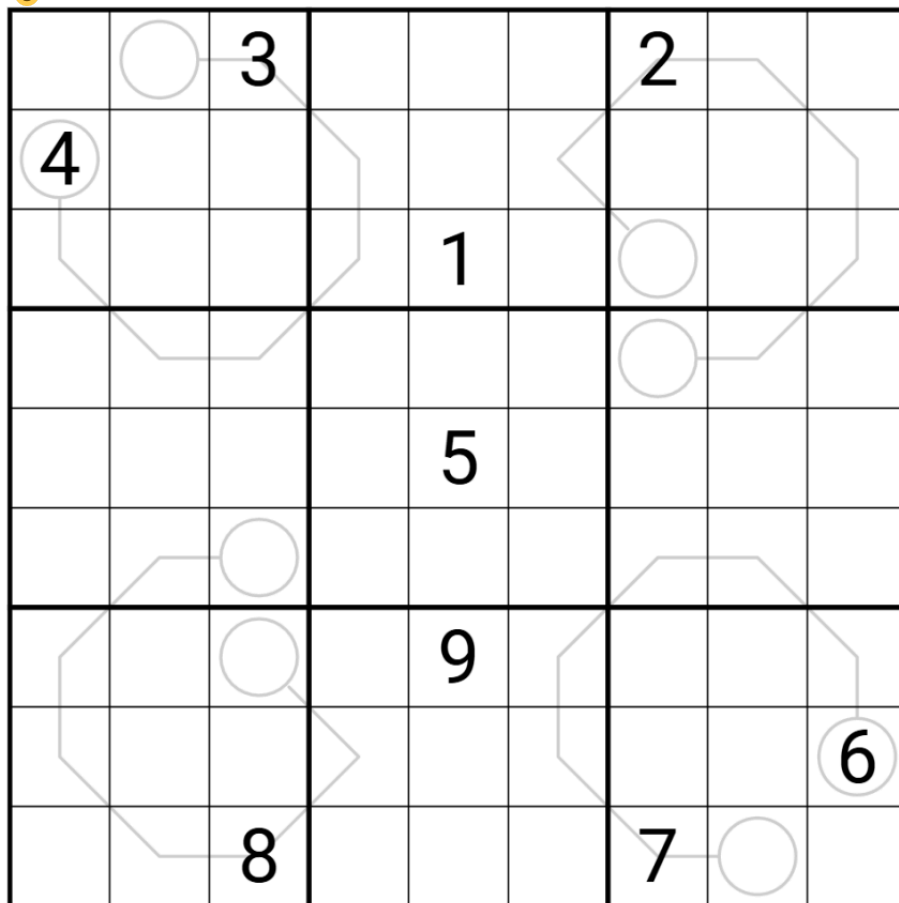
This is one of two puzzles Bill says are just on either side of the "GAS" line... so... the opposite of between? (The other puzzle is on the wrong side of the line... but will I save it for leak, or post it anyway?? TUNE IN TO FIND OUT, same GAS time, same GAS channel... ok, probably very different GAS time, you know me.)

P.S. I'm looking forward to our fun collaborative day tomorrow where everyone else goes crazy and Philip posts totally normal puzzles because someone has to keep this channel respectable...

↓↓ ↓↓ (The puzzle is on the next page) ↓↓ ↓↓

Normal sudoku rules apply.

**Between Lines:** Digits along a line must have values strictly between the values in the circles on the ends of that line.



Play on SudokuPad: <https://sudokupad.app/philip-newman/20250331-foolseve>

Play on f-puzzles: <https://f-puzzles.com/?id=23fmf8ww>

## Bonus 1: X-Sums

Philip Newman

Normal sudoku rules apply.

X-sums: clues outside of the grid give the sum of the first X digits in that row or column (from the direction of the clue), where X is the first digit in that row or column (closest to the clue).

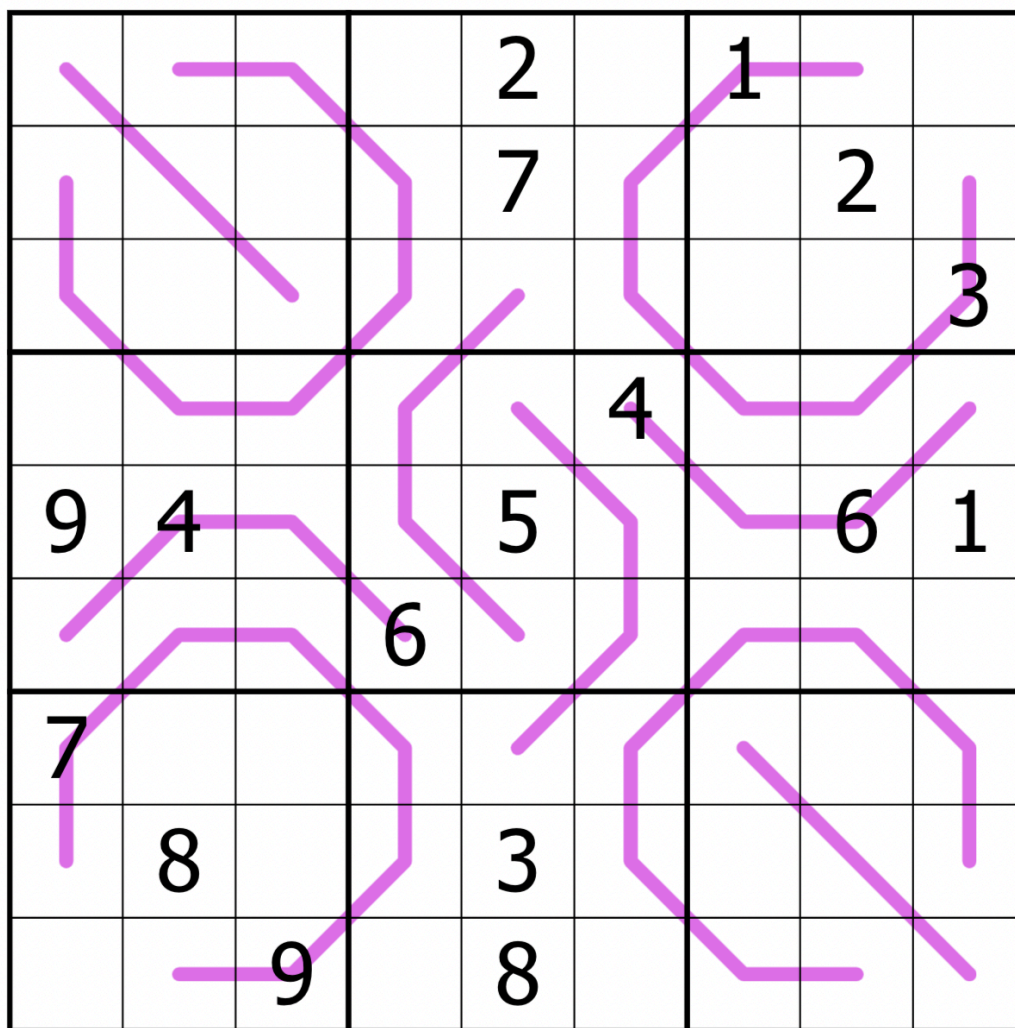

Clues: (10) (11) (8) (8) (36) (36) (9) (9) (10) (11)

<https://sudokupad.app/r0czo2oy8i>

## Bonus 2: Renban

Philip Newman

Renban: Digits along lines must form a non-repeating consecutive set, in any order. (For example, a 4-cell renban line could be 4352, but not 5679 or 2312.)



<https://sudokupad.app/glamhc15y6>



### Bonus 3: Dutch Flatmates

Clover

Normal sudoku rules apply. Every 5 has either a 1 directly above it, a 9 directly below it, or both.

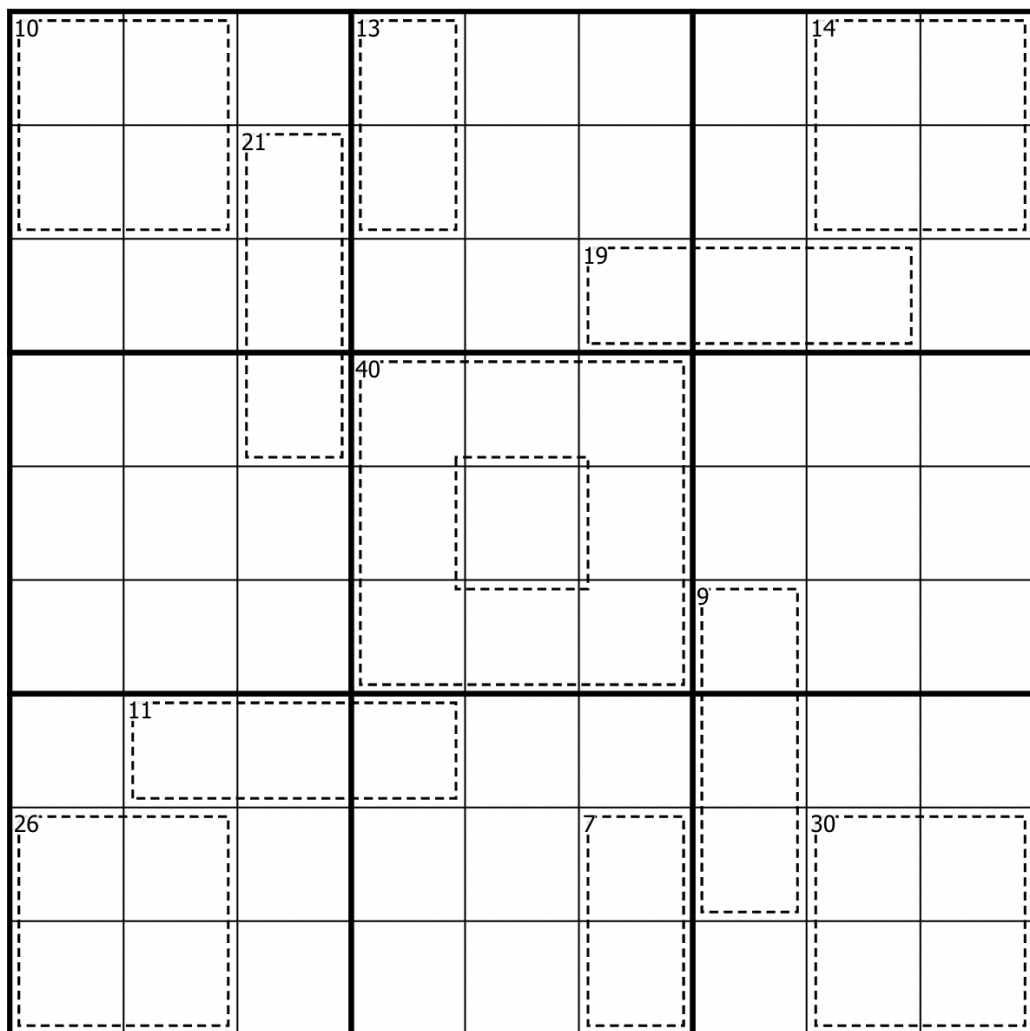
3		6					9	
						2	3	5
9		7					4	
			4		6			
			5		2			
	1					6		3
2	3	5						
	4					1		8

<https://sudokupad.app/wfxx4xyo3p>

### Bonus 4: Young Killer

Bill Murphy

Normal Sudoku Rules Apply. Digits in cages must sum to the given total and must not repeat. Digits in cages must increase from top to bottom and left to right.



<https://sudokupad.app/fxptm8luvu>

### Bonus 5: Classic (April Fools Preview)

Bill Murphy

Place the digits 0-9 and letters A-F in each box, row and column once each without repeats. (To enable letter tool, Settings -> Tools -> Enable Letter Tool)

5		1	2	4		6						A			7
					7	1	2	9			0		E		
	C			9			0			1	2	6			3
9		3	0									B			4
	F	7				2							A		
		8		B	4	0		7	E		6			2	
A		9			8			B	4	D		E		3	
	E					3				5			B	4	
	7	F			2				0					A	
	8		D		0	7	F			3			C		E
	5			1		9	4		D	7	F		3		
		E							5				4	B	
7			F									D	8		C
8			1	5	6			D			C			9	
		A		D			C	5	6	4					
4			E						8		7	5	6		2

<https://sudokupad.app/isuwc3u7ep>

## Time Benchmarks



Two party hats



One party hat



Today's dinosaur:

Mar 1, 2025	7:00	13:00	Delayed Dinhierosaurus
Mar 2, 2025	6:00	11:00	TLA (three letter acronym) Tochisaurus
Mar 3, 2025	10:00	20:00	a Lateral Lophostropheus
Mar 4, 2025	7:30	15:00	Anachronistic Aliwalia
Mar 5, 2025	6:00	11:00	combed Coelophysis
Mar 6, 2025	7:00	13:00	Right-Angled Rahiolisaurus
Mar 7, 2025	8:00	16:00	Unexpected Uriash <sup>1</sup>
Mar 8, 2025	6:00	11:00	tidy Titanosaurus
Mar 9, 2025	7:00	13:00	NDAcristavus
Mar 10, 2025	8:00	20:00	Particularly Pretty Petrutitan <sup>2</sup>
Mar 11, 2025	6:00	11:00	sluggish Scutellosaurus
Mar 12, 2025	8:00	15:00	shuShamosaurus
Mar 13, 2025	7:00	13:00	Archived Ahvaytum
Mar 14, 2025	6:00	11:00	international Ingenia
Mar 15, 2025	7:00	13:00	Coughing Chilantaisaurus
Mar 16, 2025	7:30	15:00	Lilliputian Laurusiform
Mar 17, 2025	6:00	11:00	Boltzmann Borealosaurus
Mar 18, 2025	7:25	14:05	Five Fruitadens
Mar 19, 2025	6:00	13:00	Acclimated Agnosphitys
Mar 20, 2025	6:00	11:00	excited Erectopus
Mar 21, 2025	5:30	10:00	Mashup Magnirostris
Mar 22, 2025	8:00	20:00	Advanced Atsinganosaurus
Mar 23, 2025	7:00	13:00	well-counted Wulagasaurus
Mar 24, 2025	6:30	11:00	Nevermore Neuquenraptor
Mar 25, 2025	7:00	13:00	Harried Homalosauropodoid
Mar 26, 2025	7:00	13:00	vaunted Velafrons
Mar 27, 2025	7:00	13:00	Recited Riojasaurus
Mar 28, 2025	9:00	20:00	Sloooooow Sauropodichnus <sup>3</sup>
Mar 29, 2025	6:30	12:00	Ill-okelesia
Mar 30, 2025	6:00	11:30	influenZanabazar
Mar 31, 2025	8:00	20:00	Gnarly Gnatalian <sup>4</sup>

<sup>1</sup>New sauropod alert! A sauropod skeleton discovered in 1914 was only recently identified as a single animal, and has now been given the name Uriash kadici. It's the first sauropod classified in 2025, at least on Wikipedia's list!

<sup>2</sup>New sauropod name alert! This is a new genus for a specimen originally assigned to Magyarosaurus. Some of the material was also reassigned to the new genus Uriash, which appeared with my last puzzle

<sup>3</sup>Sauropod note: This is not a genus of sauropod, but rather the name of an ichnofossil - in particular, a set of footprints almost certainly left by a sauropod. So today's sauropod is whichever sauropod left those fossilized footprints! I am really struggling with the whole not-repeating thing...

<sup>4</sup>"Gnatalie" is a mostly complete 75-foot fossilized green skeleton, belonging to the Diplodocid family. The coloring is due to infilling by celadonite during the fossilization process, while the nickname references stinging gnats bothering the excavators at the dig. Gnatalie's species is not yet identified/assigned.

## Hints and other spoiledred texts

### Spoilered text for Mach 3, 2025

If you alternate the first four Adele albums with the first four Ed Sheeran albums, you get a mathematical equation that comes out at 33 1/3, the speed of a vinyl record. (brackets by me or it doesn't quite work)  
 $(19+21) \times 25/30 = 33 \frac{1}{3}$

### Hint for March 15, 2025:

GAS 101:  $7 \times 8 \times 9 = 504$ ,  $6 \times 8 \times 9 = 432$