

GAS Leak

Genuinely Approachable Sudoku
from the CtC Discord

Volume 46:

November 1 – November 30, 2024

Welcome to November!

We got a full month of GAS puzzles for you, one better than the other. We start with a double classic, move on to a position indexer, a first-seen odd/even and many other fun puzzles. Thirty-one puzzles on thirty days!

Have fun solving!

November 1, 2024: Hell 99/Business Ethics (Double Sudoku)

by Bill Murphy

Walkthrough for Sum Next To Nine: https://youtu.be/I3rl_CVYFo

My contribution for Scary Halloween Things was going to be simply "Knapp Daneban Differences" but the spookiest thing of all was *Philip* asking me if it might be a bit much

Two Classic Sudoku Today!

I've been listening to a lot of loud punk music to get over the anxiety of daily life for the last few weeks, that's it

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

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

Hell 99: <https://sudokupad.app/sctqk7d0t>

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

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

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

Business Ethics: <https://sudokupad.app/t2nl6i93v5>

November 2, 2024: Dewey Decimal

by Philip Newman

Walkthrough of "Hell 99" and "Business Ethics" by Bill:

<https://youtu.be/W8M4KfRWZ3c>

I am technically cheating a bit with the sauropod names for this puzzle and my previous puzzle; these are "ichnogenera", which are classifications of fossils (made by sauropods) rather than the sauropods themselves. *Some* sauropod made that footprint though, so we'll pretend you're actually getting that unknown sauropod. Deal?

Today's **GAS** is a **Position Indexer Sudoku**!

Normal sudoku rules apply.

Position Indexer: All cells are position indexers; if a digit D is in position P in its box, then digit P is in position D in the same box.

For example, if r5c7 (position 4 of box 6) is 9, then r6c9 (position 9 of box 6) is 4.



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

Play on SudokuPad: <https://sudokupad.app/philip-newman/20241102-dewey-decimal>

Play on f-puzzles: <https://f-puzzles.com/?id=2xz2nch4>

November 3, 2024: First Seen Odd/Even

by clover!

Happy ping countdown day! This is the first seen of four pings you'll be receiving from me today. (The next one will probably have something to do with the recording I haven't uploaded yet: watch this space).

Edit: Here it is! https://youtu.be/Z4ii_3DixGs

This is also a **first seen odd/even sudoku**! Normal sudoku rules apply. Clues outside of the grid tell you the first odd (for odd clues) or first even (for even clues) digit seen in that row or column, looking from the direction where the clue appears. Note: if there are both odd and even clues, they represent both the first odd and the first even digit.

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

SudokuPad: <https://sudokupad.app/ivq45s6zlp>

November 4, 2024: Search Nine

by Bill Murphy

Walkthrough for First Seen Odd/Even: <https://youtu.be/Dnc4fHcraXA>

Trying to find inspiration for an intro
Trying to find inspiration for an intro
Trying to find inspiration for an intro
Trying to find inspiration for an intro
Trying to find inspiration for an intro
Trying to find inspiration for an intro
Trying to find inspiration for an intro
Trying to find inspiration for an intro
Trying to find inspiration for an intro

(Sorry, I'm watching Dessert Masters rn)

Today's GAS is a **Search Nine** Sudoku!

Normal Sudoku Rules Apply. Each arrow points to the digit 9 in the respective row or column.
The digit in the cell with the arrow is the distance from this cell to the corresponding digit 9. (eg. If a right-pointing arrow was in R1C1 with an 8, then 9 would be in r1c9.)

4	5	6			↓			
↓		→	8			↓		
7								
		3	2					
			↓		↑			
					5	2		
								8
		↑			7	←		↑
			↑			6	5	4

<https://sudokupad.app/xsw95hmnut>

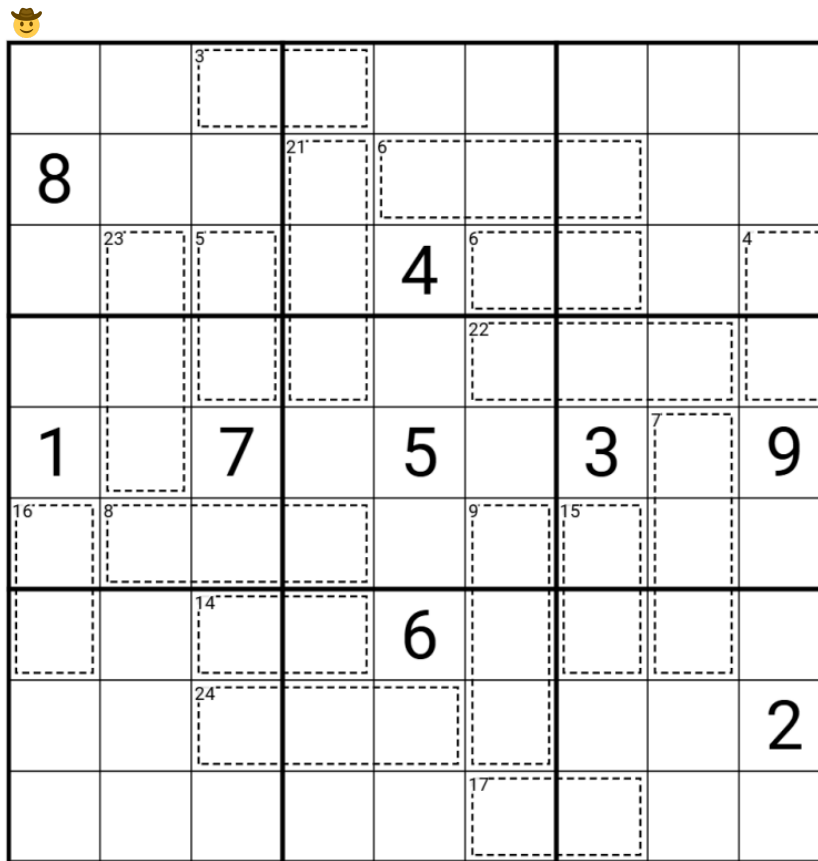
November 5, 2024: I Overslept
by Philip Newman

Walkthrough of "Search Nine" by Bill:
[Will record tonight, I overslept!]

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

Normal sudoku rules apply.

Killer: Digits in cages cannot repeat and must sum to the total given.



Play on SudokuPad: <https://sudokupad.app/philip-newman/20241105-i-overslept>
Play on f-puzzles: <https://f-puzzles.com/?id=28ptu4rh>

November 6, 2024: Renban
by clover!

Walkthrough for Philip's "I Overslept": <https://www.youtube.com/watch?v=Yscxw8YyXwc>

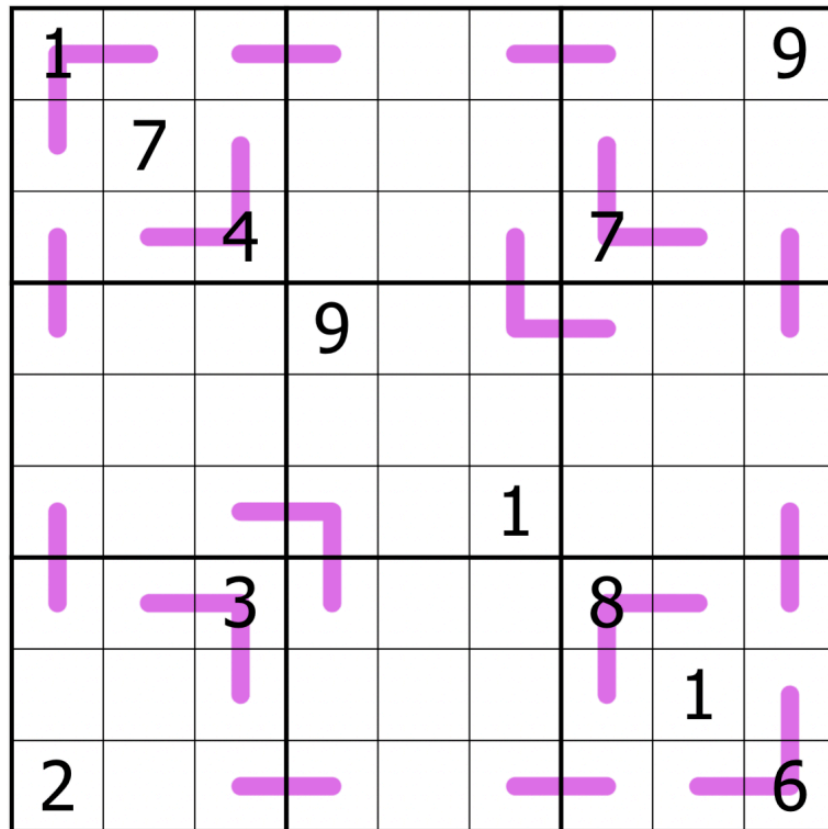
Philip overslept; in the meantime, I (and I'm not joking) had a dream where I came up with a fantastic intro for today's GAS, and then woke up having forgotten everything except for a vague sense that it took the form of a made-up chat conversation between the guys and myself. I can only assume it went like this:

Clover: I'm asleep! This sounds like a great time to write the intro for tomorrow's GAS.

Bill: Make sure you write it down. You know how you get when you're sleeping.

Nilip Phewman, twirling his moustache: No way, she definitely doesn't need to do that. 🐈

Today's GAS is a **renban sudoku**! Normal sudoku rules apply. Each pink line contains a set of consecutive digits, which may appear in any order (such as 423).



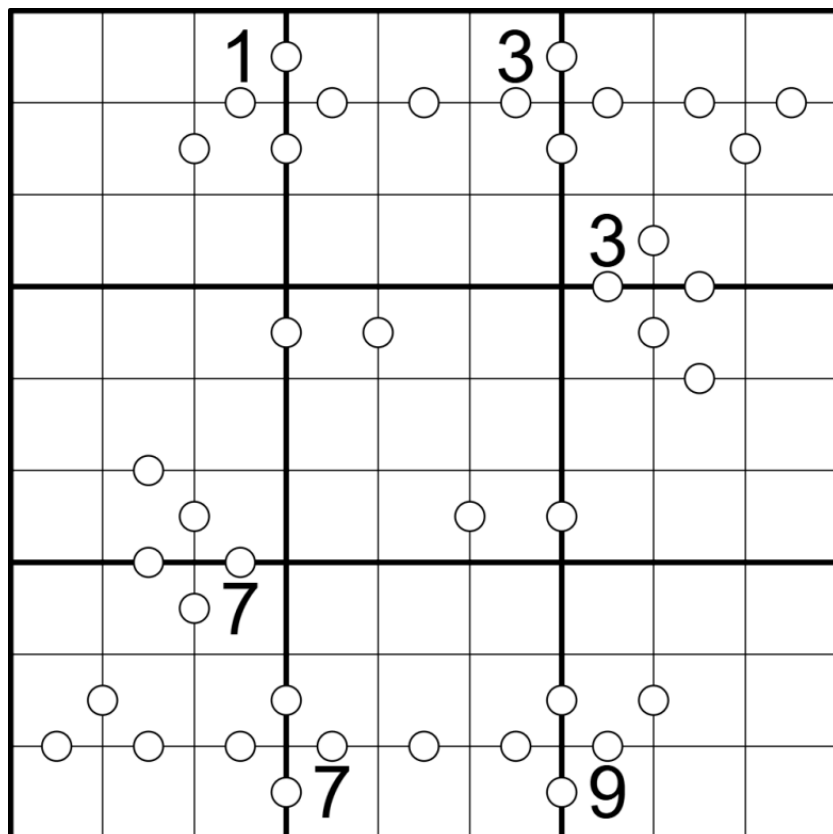
SudokuPad: <https://sudokupad.app/319x9iuawy>

November 7, 2024: Vanishing Point

by Bill Murphy

Today's GAS is a **Consecutive Dots** Sudoku! Take roughly 3-7 minutes to stop doomscrolling! I love you!

Normal Sudoku Rules Apply. Digits separated by a white dot must be consecutive. Not all dots are given.



<https://sudokupad.app/4zl9t446fc>

November 8, 2024: Knapp Daneban Killer

by Bill Murphy

Walkthrough for Vanishing Point: <https://youtu.be/OJqDKWAYFDk>

Walkthrough for Search Nine from a few days back: https://youtu.be/fOlzxqn8_cQ

"Hi everyone, settle down, settle down. Your regular math teacher, Mr. Newman is away for today, so they sent me, Mr. Murphy in his place. Now, I know how normally, you'd expect me to wheel out a video for you, but oh no, not today. You're gonna do some mental math for me today."

"Where's Mr. Newman?"

"He's fine, he's just a little off...by one" 😊

Today's GAS is a **Knapp Daneban Killer**!

Normal Sudoku Rules Apply. Digits in cages must sum to either one more or one less than the given total in the cage and must not repeat.

N.B. Your cage totals must not match the totals given!!

I'd totally forgotten Clover had done this for GAS before, if you'd like to practice this one from a year ago, it's here: <https://www.youtube.com/watch?v=5d8j8j8j8j> [note from the typesetter: May 13, 2023 in GAS Leak 28]

3		5		11		13		9
10								
		5		13		14		5
6		13						
								14
15		6			9			
			7		15			10
11								
	7		9		15		17	

<https://sudokupad.app/uqvv06s42j>

November 9, 2024: X-Sums

by clover!

Walkthrough for Bill's Knapp Daneben Killer: <https://youtu.be/Tsx4TbqB5bl>

Today's GAS comes with a special treat in the form of a Penpa link. Yes, this is a treat very specifically for the one other person in my life who loves Penpa as much as I do. You know who you are.

In this **x-sums sudoku**, normal sudoku rules apply. Clues outside of the grid tell you the sum of the first X digits in that row or column, counting from the direction where the clue appears, where X is the first digit (closest to the clue) in that row or column. For instance, a row starting with 3 1 6 might have a clue of 10 ($3+1+6$) to its left.

			6		5					
		3				7				
		7					6			
			3		8					

SudokuPad: <https://sudokupad.app/k83yty5n84>

Penpa+: <https://tinyurl.com/2b9u7lwu>

November 10, 2024: Anything We Want

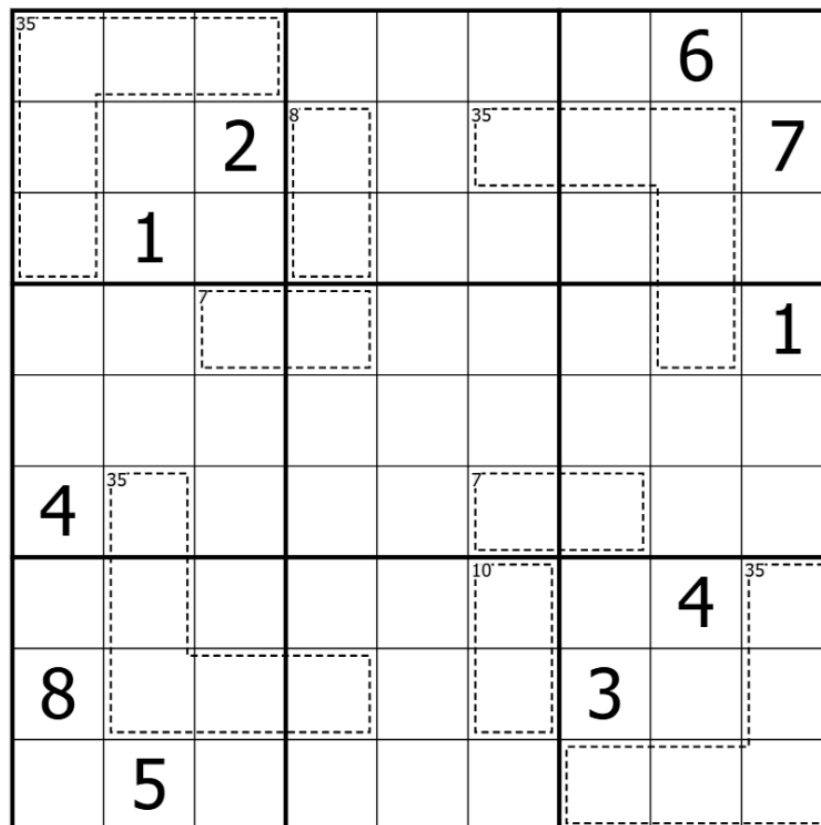
by Bill Murphy

Walkthrough for X-Sums: <https://youtu.be/fTtygP25zHM>

This wasn't originally a **Killer Sudoku** but then I just realised I was making a Killer Sudoku. Sometimes, you don't need to reinvent a wheel for things to be good.

Bonus Hat if you can guess what variant this was originally going to be when I started making this puzzle.

Normal Sudoku Rules Apply. Digits in cages must sum to the given total and must not repeat.



<https://sudokupad.app/1p8os62mto>

2024-11-11: One(ish) Direction

by Philip Newman

Walkthrough of "Anything We Want" by Bill:

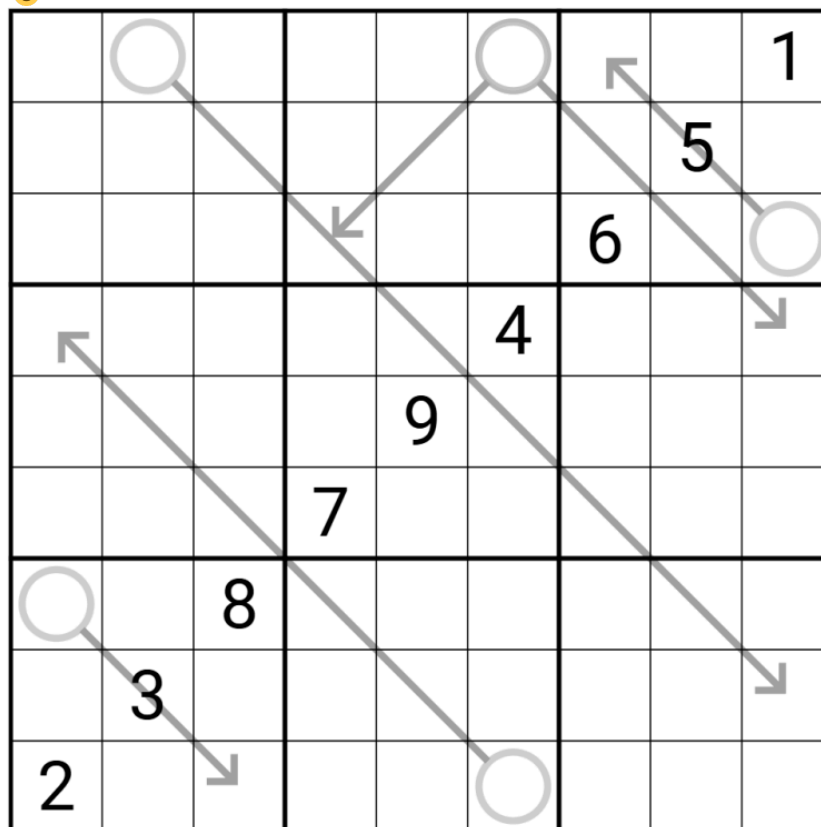
<https://youtu.be/LvKKdARub7o>

Still feeling a little off, unfortunately. Hopefully an intro that's more fun next time.

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/20241111-oneish-direction>

Play on f-puzzles: <https://f-puzzles.com/?id=2bmp8sew>

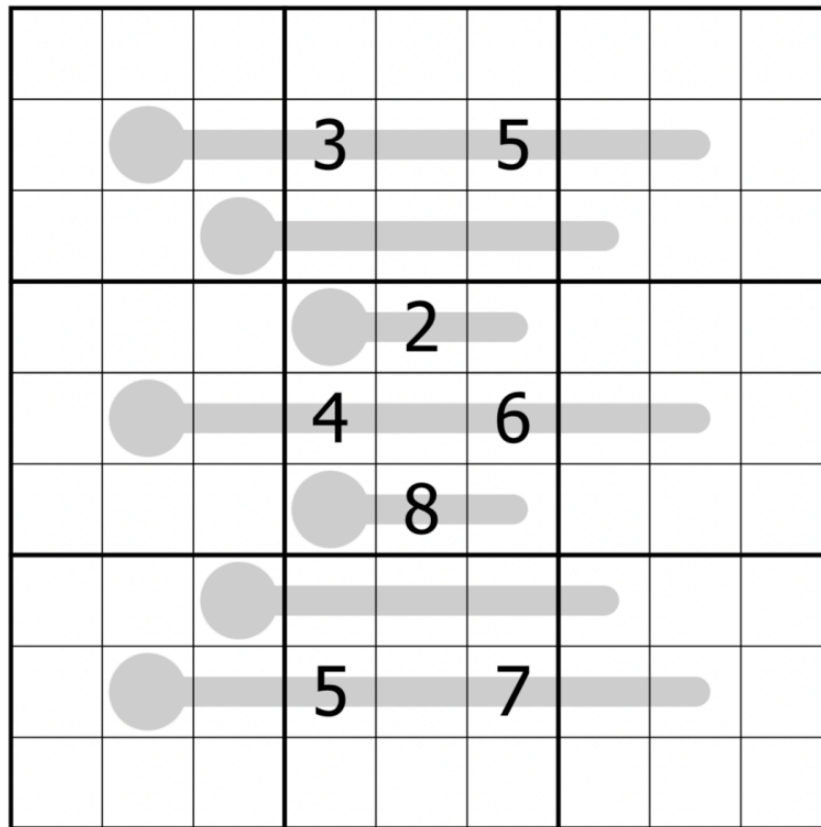
November 12, 2024: Thermo

by clover!

Walkthrough for "One(ish) Direction", by Philip: <https://youtu.be/6m8HDCQ71K4>

Late GAS, sleepy Clover, Penpa link 🐱, no time to talk, gotta go! Very busy with Sudokucon prep! (<https://sudokucon.com/> for deets!)

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



SudokuPad: <https://sudokupad.app/uca11hfpiu>

Penpa+: <https://tinyurl.com/2cv9xd38>

November 13, 2024: Highball Sudoku

by Bill Murphy

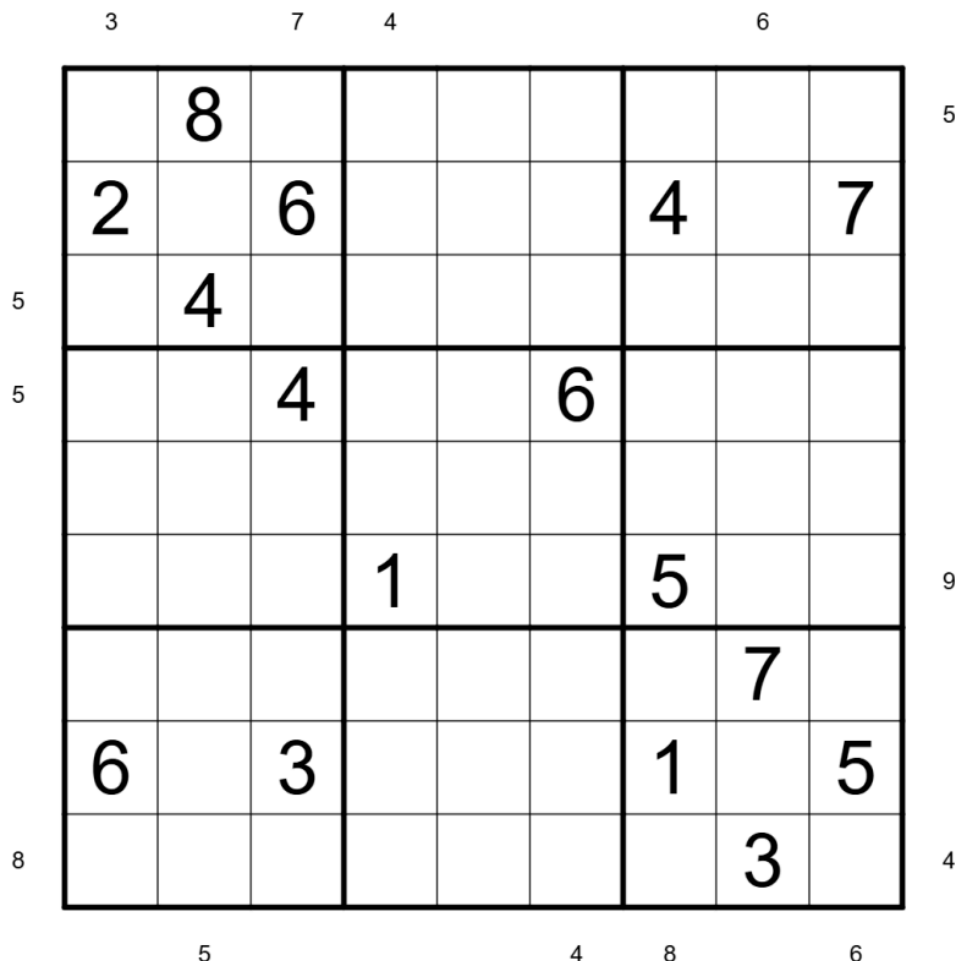
Walkthrough for Thermo: <https://youtu.be/NRA-MwJhTzs>

I wasn't going to post this one today, I was gonna go slightly harder, because we were talking in the SSC today about "accidentally creating variants."

As far as I can tell, today's GAS is a completely new invention of mine, which makes the uh...third variant i've created in 400-something puzzles. I didn't set out to make a new variant with this though, I just went "Oooh, I haven't done a position sudoku in a while, oh I remember how this goes" whilst only parsing about 40% of the words in the rules.

So, if you've got a better name for it, I'm all ears, but for now I'm calling it **Highball Sudoku**!

Normal Sudoku Rules Apply. Clues outside of the grid are the largest digit in the first three cells as seen from the direction of the clue. (eg. 5 in Row 1 means that 5 must be in one of R1C789 and no digit larger than 5 can appear in those cells.)



<https://sudokupad.app/zx2xh2zbcy>

November 14, 2024: Bánh mì

by Philip Newman

Walkthrough of "Anything We Want" by Bill:

https://youtu.be/_9tsQAbNab8

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

Last time I posted a Sandwich puzzle, we had a little guessing game for my top 5 sandwiches, but that list only included edible sandwiches. My actual favorite sandwiches are the Luke and Zoe sandwiches, which is where one of them is hugging me and the other comes up behind and (gently) squishes their sibling between us, and they both laugh hysterically.

Normal sudoku rules apply.

Sandwich: A value outside of the grid is a sandwich clue — it tells you the sum of the digits between the 1 and the 9 in that row or column, not including the 1 and 9 themselves.



	0	2	4	6	8			
3							6	
5			8					5
7		9			8			4
9				7				
11			6				4	
						3		
	7				2			3
		8					2	
			9				1	

Play on SudokuPad: <https://sudokupad.app/philip-newman/20241114-bnh-m>

Play on f-puzzles: <https://f-puzzles.com/?id=2agudzc9>

November 15, 2024: Zone

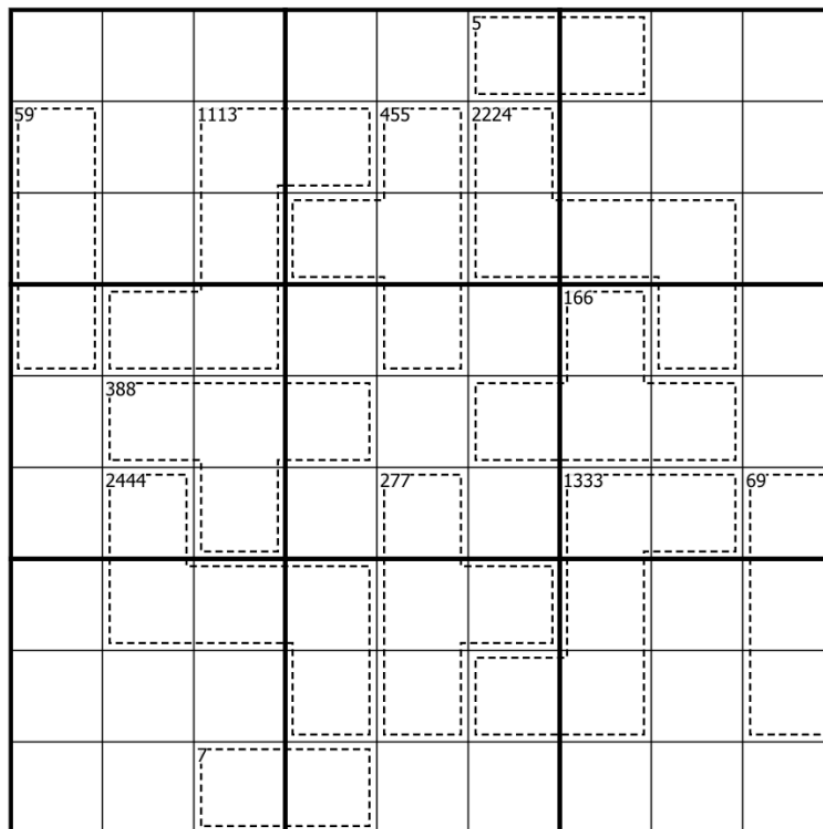
by clover!

Walkthrough for Philip's "Banh Mi": <https://youtu.be/wvBsiAMbZ0w>

Huge announcement today! The **second annual SudokuCon 24-hour livestream** happens next Saturday at <https://twitch.tv/sudokucon>, kicking off with @Tallcat 's Primetime Variety Hour at [November 24 00:00 UTC]! We'll be officially launching ticket sales for the April 2025 SudokuCon in Boston, MA around the middle of the livestream, so please join us and book your tickets!

Oh and it's also Clover's GAS day so we can celebrate that too!

In this **zone sudoku**, normal sudoku rules apply. Clues tell you some digits that must appear in that cage (at least as many times as they appear in the clue).



SudokuPad: <https://sudokupad.app/kksZ1lx30m>

Penpa+: <https://tinyurl.com/2bdc3xw5>

November 16, 2024: Corner/Edge Sudoku II

by Bill Murphy

Walkthrough for Zone in the morning

Summer? Ewwwwwww

Today's GAS is a **Corner/Edge Sudoku**!

Normal Sudoku Rules Apply. Digits in a red border adjacent to a box give digits that must either appear in the corners (Listed after C) or along the edges (Listed after E). (Positions 1, 3, 7 & 9 are the corners, positions 2, 4, 6 & 8 are the edges.)

			C: 6 E: 4 8			C: 2 5 E: 4		
C: 3 9								
					7			
				1	3	5		
C: 7 E: 5 6		1	2				5	
			3				6	
			4				7	8
			4	6	8			
			2					
C: 1 8 E: 4			C: 5 E: 1 3					

<https://sudokupad.app/vhyag1jog2>

November 17, 2024: Circulation

by Philip Newman

Walkthrough of "Corner/Edge Sudoku II" by Bill:

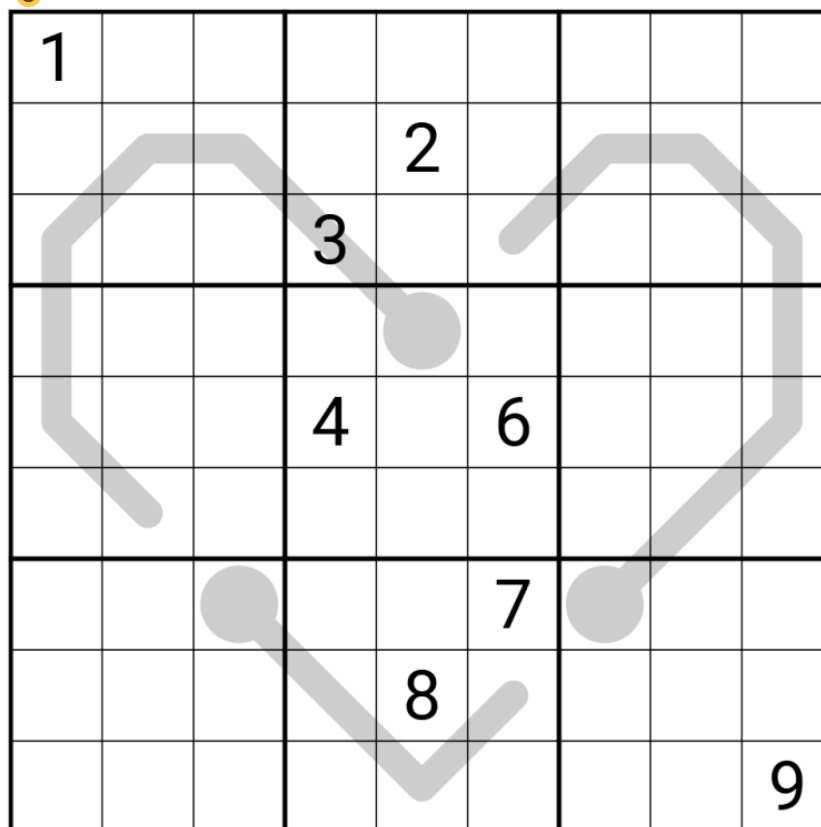
<https://youtu.be/nJA2bczjQ04>

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

Uh oh... is Philip revisiting a pattern?

Normal sudoku rules apply.

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



Play on SudokuPad: <https://sudokupad.app/philip-newman/20241117-circulation>

Play on f-puzzles: <https://f-puzzles.com/?id=2d68dcyn>

November 18, 2024: Cross Sums

by clover!

Walkthrough for Philip's "Circulation": <https://youtu.be/ATw026YwOMQ>

The second annual SudokuCon 24-hour livestream starts **this Saturday** at <https://twitch.tv/sudokucon>! I told you about the first block a couple of days ago, so how about this: the second block is going to feature Gliperal and I continuing our descent into madness with the Caterdokupillar, solving sudoku blindfolded, and other shenanigans - and also, that's where we'll officially announce the program and ticket sales for the live con in April! Be there.

Today's GAS is a **cross sums sudoku**. What happened to make it so cross? That's hard to say. Maybe they were out of its favorite donuts at the gas station this morning on its way to work and it had to settle for those weird ones with no sprinkles. 🤔

Normal sudoku rules apply. Wherever an X appears at the intersection of four cells, the two diagonally opposite pairs of cells have the same sum. For instance, $r1c1+r2c2=r1c2+r2c1$.

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

SudokuPad: <https://sudokupad.app/6cjgm3hpb8>

Penpa+: <https://tinyurl.com/2awlbdxl>

November 19, 2024: This One Is Actually Position Sudoku This Time I Swear

by Bill Murphy

Walkthrough for Cross Sums: <https://youtu.be/PoT1MlayRcU>

I did a dry-run of an introductory course in Adobe Illustrator I'd designed solo today and it went really well! Kids were learning all about shape builder and image trace AND NOTHING ABOUT PEN TOOL LMAO.

You all were really nice about highball sudoku, but I do feel a weird sense of honour to prove that I do know what a **Position Sudoku** is.

Normal Sudoku Rules Apply. Clues outside the grid give the position of the highest digit in the first three cell from the direction of the clue. (eg. the 2 in column 2 means the highest digit in the first three cells in column 2 is in r2c2, the 2 in column 8 means that the highest digit in those three cells is in r8c8.)

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

<https://sudokupad.app/xwgvyzdht6>

November 20, 2024: GIVENS

by Philip Newman

Walkthrough of "This One Is Actually Position Sudoku This Time I Swear" by Bill:

<https://youtu.be/y9cvCtsscXM>

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

When I offered this for testing I described it as "maybe long, not hard". [see Hints page at the end for the spoiled text] 🤔

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.



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

Play on SudokuPad: <https://sudokupad.app/philip-newman/20241120-givens>

Play on f-puzzles: <https://f-puzzles.com/?id=25sa5m5y>

Nov. 21, 2024: SUDOKUCON

by clover!

Walkthrough for Philip's "GIVENS": <https://youtu.be/ca86GzPprxU>

Today's GAS is an **irregular** sudoku, celebrating this weekend's 24-hour SudokuCon livestream! The event begins at [Saturday, November 23 at 23:45 UTC], and my segment starts at [Sunday, November 24 2024 at 03:30 UTC], at <https://twitch.tv/sudokucon>. Come join us!

Normal sudoku rules apply, except that the regions are irregularly shaped. The colored regions are just for aesthetics!

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

SudokuPad: <https://sudokupad.app/1ygkfmr832>

November 22, 2024: Ambiguous Arrow Sudoku

by Bill Murphy

Walkthrough for SUDOKUCON: <https://youtu.be/Bx4PWZMr1xc>

The first real day of Summer has hit melbourne today and boy am I melting, glad I ordered a second pedestal fan because my aircon is on the way out and lemme tell ya, this suckssssssssssssssssssssss

It even melted the bulbs off my arrow sudoku! It's still good I swear though!

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

Normal Sudoku Rules Apply. All grey lines in the grid are arrows without a bulb at the end. Digits along an arrow must sum to the digit in the bulb. The end with the bulb is to be determined by the solver. (eg. the line running from r1c1 to t1c4 will have the total or the other three digits along the line in either r1c1 or r1c4.)

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

<https://sudokupad.app/i20kqjopap>

November 23, 2024: On the Road Again

by Philip Newman

Walkthrough of "Ambiguous Arrow Sudoku" by Bill:

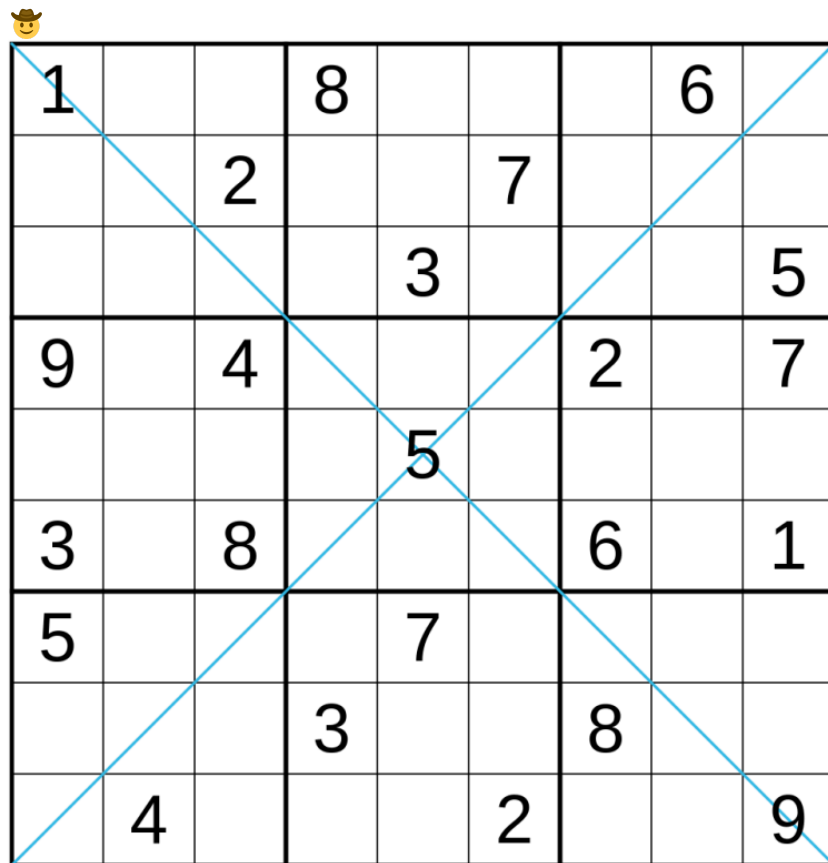
<https://youtu.be/m3oCbPeh8w4>

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

I'm on the road! Things might not be up to my usual standard of formatting and posting way late.

Normal sudoku rules apply.

Diagonal: Digits along the indicated diagonals cannot repeat.



Play on SudokuPad: <https://sudokupad.app/gngjij7mz2> (I think I put a solution in, but if the solution check doesn't trigger hit the check mark to verify no sudoku mistakes :))

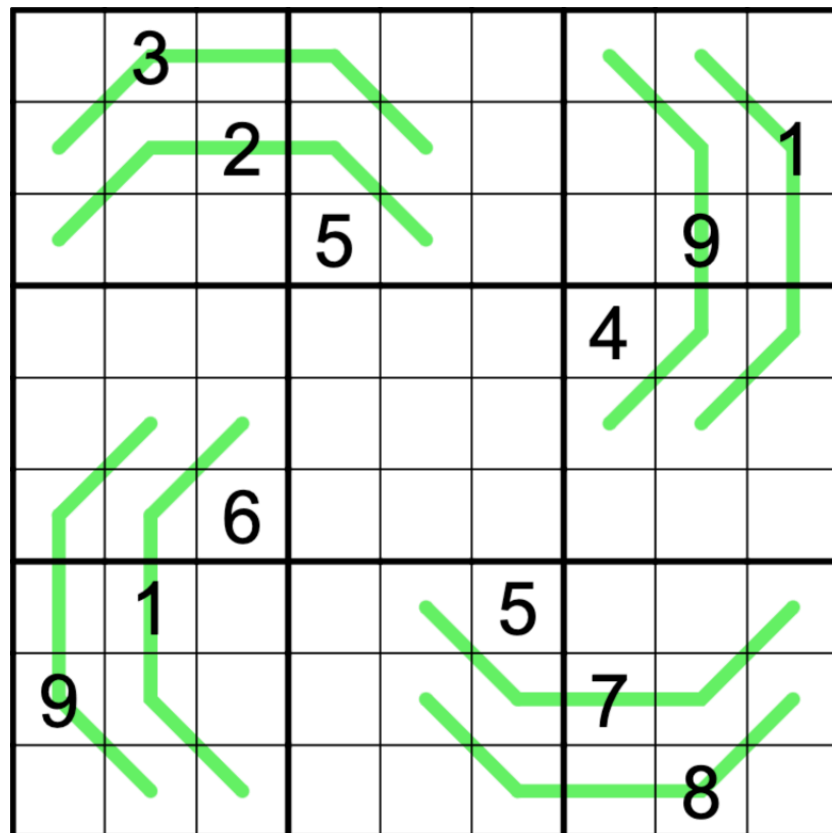
Play on f-puzzles: <https://f-puzzles.com/?id=29sn2tqn>

November 24, 2024: Special Edition: GW
by clover!

Walkthrough for Philip's "On the Road Again": https://www.youtube.com/watch?v=K296GrTD1_c

Hello, my friends! Walkthrough is coming later - I just finished my producer shift at the 24-hour SudokuCon stream. Today's GAS actually debuted during that stream, just a few hours ago! It's a **German whispers sudoku**.

Normal sudoku rules apply. Also, adjacent digits along each green line must have a difference of 5 or more.



SudokuPad: <https://sudokupad.app/obehcxr5h6>

November 25, 2024: Point To Next Sudoku

by Bill Murphy

Congratulations to the Sudokucon team on da big stream! I tuned in a couple of times and was very much bemused by friends 😊

ON TO DA 🏹🏹🏹🏹 NEXT THING

Today's GAS is a **Point To Next** Sudoku! I trust a lot of y'all will love this one, but as we do love a big fat grey arrow here at GAS HQ, but this one's a little devious by my standards, so I'm putting a little GAS 101 to help those of you who may need a lil leg up to get going. (You know when I'm chucking a GAS 101 on it, I probably mean it)

Normal Sudoku Rules Apply. If a digit N is placed in a cell containing an arrow, then the digit N+1 must be placed in a cell pointed at by the arrow. Not all possible arrows are given.

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

	1						→	
↑	3	↑	↑			↑	4	7
	←	2				3	→	
	→	↑		8				
				3				
				7		↓	↓	
	←	9				8	→	
1	8	↓			↓	↓	7	↓
	←						9	

<https://sudokupad.app/r695xl1mi1>

November 26, 2024: A Long-expected Parity

by Philip Newman

Walkthrough of "Point to Next Sudoku" by Bill:

<https://youtu.be/0YVPrmJOxoY>

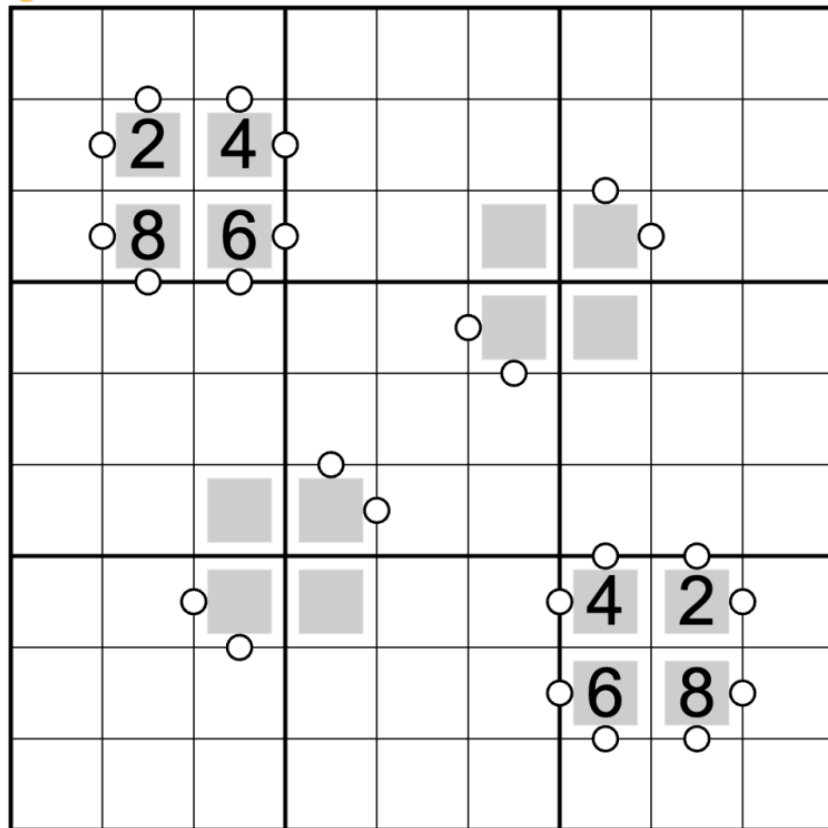
Today's GAS is an **Even Consecutive Pairs Sudoku**!

I'm on the road! Things might not be up to my usual standard of formatting and posting way late.

Normal sudoku rules apply.

Even: Digits in grey squares must be even.

Consecutive Pairs: Digits in cells separated by a white dot must be consecutive (have a difference of 1). (No negative constraint - other pairs of digits may also be consecutive.)



Play on SudokuPad: <https://sudokupad.app/u62fe53mfc>

Play on f-puzzles: <https://f-puzzles.com/?id=286xwkjn>

November 27, 2024: Fortress

by clover!

Walkthrough for Philip's "A Long-awaited Parity":

<https://www.youtube.com/watch?v=PT4XVi1I9Pw>

Solve videos tomorrow! Really!

Happy almost Thanksgiving, American solving friends! I'm almost thankful for the lovely weather today. But not actually thankful, because it's raining. 🌧️

(And I'm actually thankful that @Philip Newman and @"Wild Bill" Murphy (patreon?) have continued putting up with me for another year. Yall the best.)

Today's GAS is a **fortress sudoku**! Normal sudoku rules apply. Also, digits in gray cells are greater than all orthogonally adjacent digits in white cells.

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

If anybody can explain the joke about this dinosaur on [this page](#) to me, you get a bonus hat.

SudokuPad: <https://sudokupad.app/p9wghq4t5z>

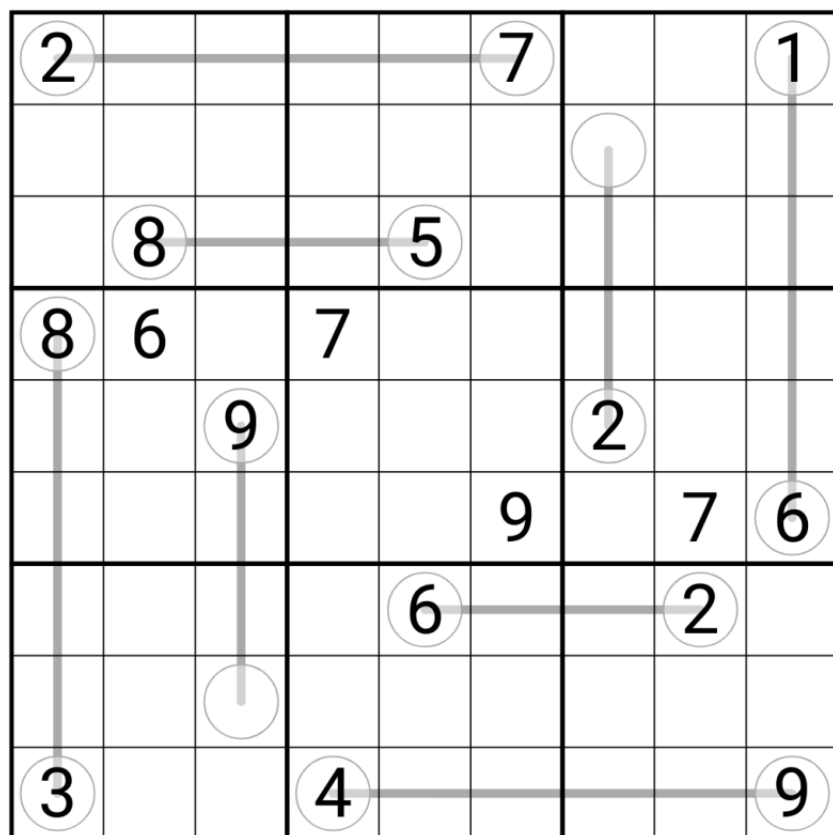
November 28, 2024: May Nothing But Happiness Come Through Your Door
by Bill Murphy

Walkthrough for Fortress: <https://youtu.be/iVgWbSUADwY> (can you tell I spent the day learning premiere pro)

Happy Thanksgiving Americans! Today's puzzle title comes from a Mogwai song, but it feels appropriate

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

Normal Sudoku Rules Apply. Digits along lines must be numerically between digits in the circles at either end.



<https://sudokupad.app/xm3e3npmmk>

November 29, 2024: The Ratio of the Past

by Philip Newman

Walkthrough of "May Nothing But Happiness Come Through Your Door" by Bill:

<https://youtu.be/yaPFgATdyq4>

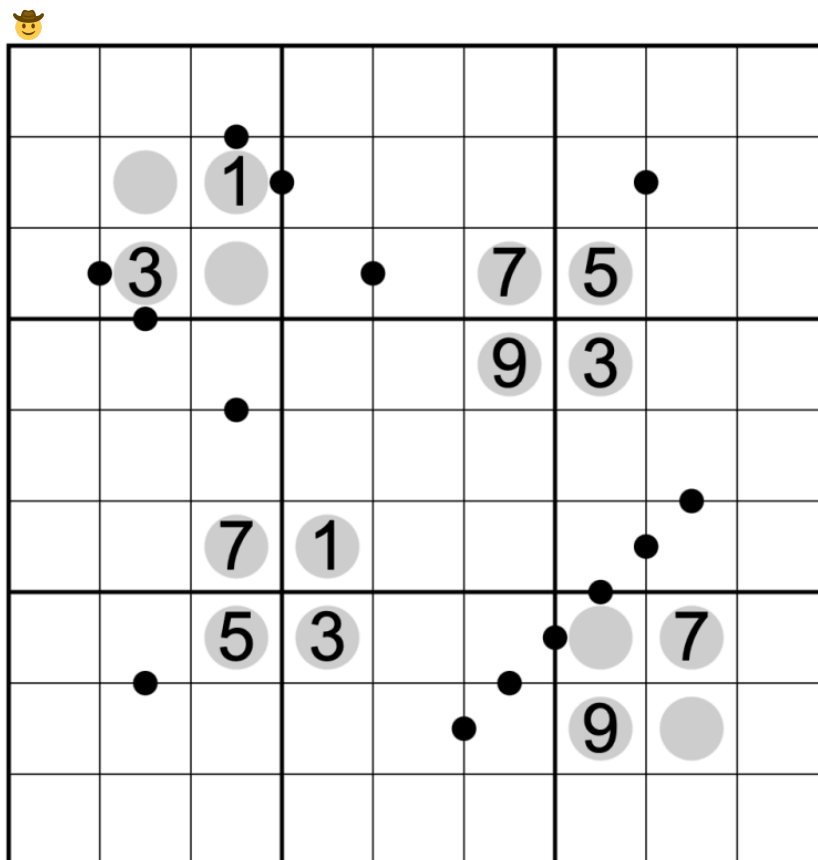
Today's GAS is an **Odd Ratio Pairs Sudoku**!

I'm on the road! Things might not be up to my usual standard of formatting and posting way late.

Normal sudoku rules apply.

Odd: Digits in grey circles must be odd.

Ratio Pairs: 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 ratio of 2:1.)



Play on SudokuPad: <https://sudokupad.app/btmtovn0wl>

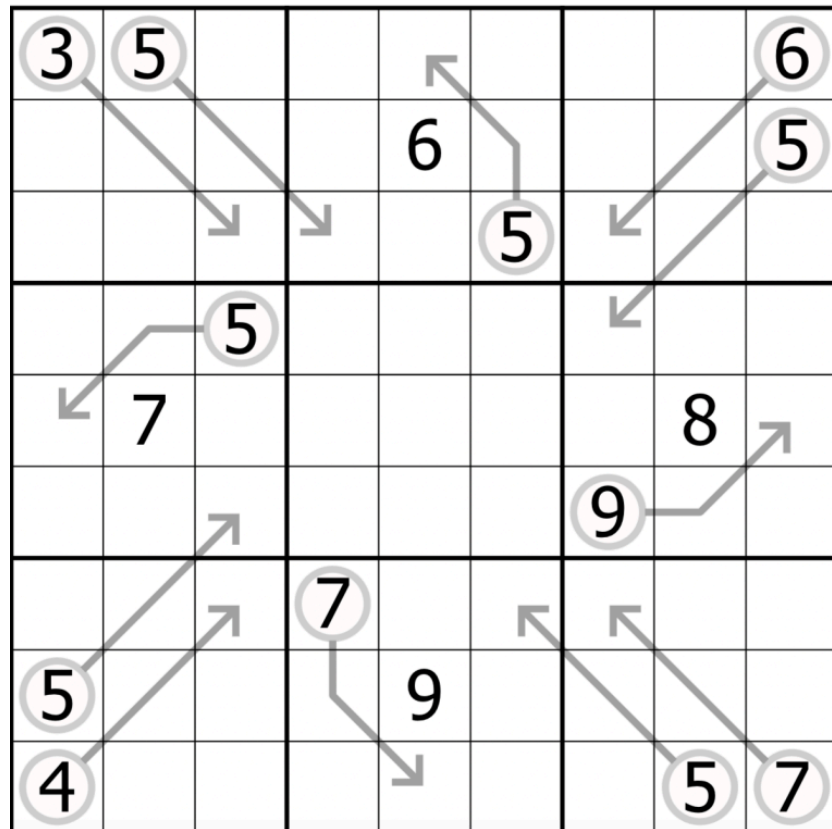
Play on f-puzzles: <https://f-puzzles.com/?id=28xsej6y>

November 30, 2024: Arrow
by clover!

Walkthrough for Philip's "The Ratio of the Past": https://youtu.be/fvj_XdsT8Gs

Today's GAS is an **arrow sudoku**. I woke up today, confused about high an arrow could fly. So I fired one into the air, and then it finally hit me.

Normal sudoku rules apply. Digits along arrows must sum to the totals in the attached circles.



SudokuPad: <https://sudokupad.app/ubgq148buj>

Bonus 1: Nonconsecutive Killer

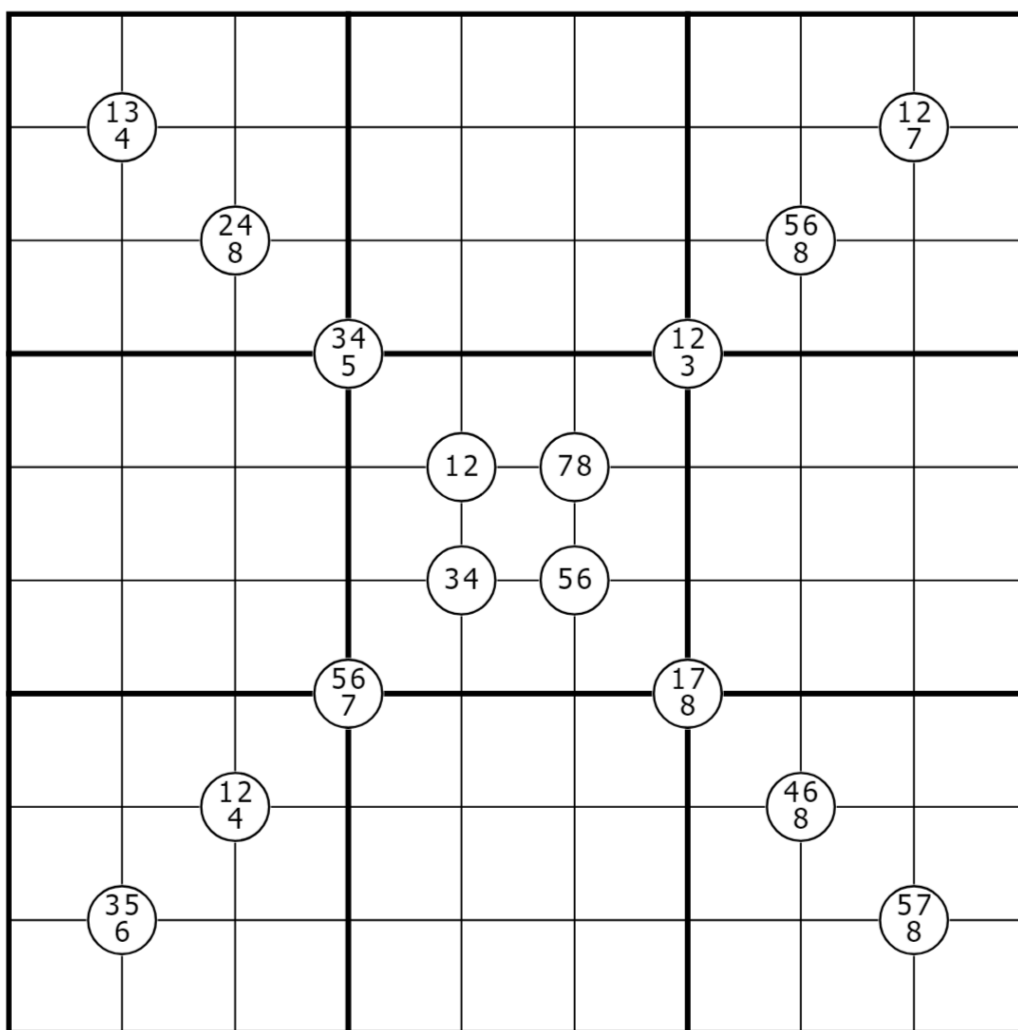
Bill Murphy

Normal Sudoku Rules Apply. Consecutive digits must not be orthogonally adjacent.
Digits in cages must sum to the given total.

5	15		10		6		10	
								5
7				5				
								10
10								
				15				13
15								
								15
10		14		10		5		

<https://sudokupad.app/aq5yxah61i>

Bonus 2: The Spot
Bill Murphy



<https://sudokupad.app/xiphzg3m38>

Bonus 3: Fortress

Philip Newman

Normal sudoku rules apply. Digits in gray cells are greater than all digits in orthogonally adjacent white cells.

9						6		
	8		< 5 ^	^ >			4	
		7	< ^ >			< ^ >	< ^ >	2
	< 9 ^	^ >	6		3	< ^ >		
	< ^ >			< 5 ^	^ >			
			7	< ^ >	4		< ^ >	< ^ >
8		< ^ >	< ^ >			3	< ^ >	
	6	< ^ >			< ^ >	< ^ >	2	
		4			< ^ >			1

<https://sudokupad.app/lf40sxt0vm>

Bonus 4: Another Leaky Fortress

Philip Newman

Normal sudoku rules apply. Digits in gray cells are greater than all digits in orthogonally adjacent white cells.

		< ^ ^ ^ >	^	^	^	^ >		
	< ^ ^ >	6	< ^ ^ ^ >				< ^ ^ >	
1	< ^ ^ >				2	< ^ ^ >		
	< ^ ^ >		3	9	7	< ^ ^ >		
	< ^ ^ >		8			< ^ ^ >		5
	< ^ ^ ^ >		< ^ ^ ^ >			4	< ^ ^ >	
		< ^ ^ ^ >	^	^	^	^ >		

<https://sudokupad.app/ws1l0vjokt>

Bonus 5: Kropki Count

Clover

Normal sudoku rules apply. 'Black dot' clues outside of the grid (the topmost or leftmost set of clues) tell you the exact number of pairs of adjacent digits in that row or column that are in a 1:2 or 2:1 ratio. 'White dot' clues outside of the grid (the inner layer of clues) tell you the exact number of pairs of adjacent digits in that row or column that are consecutive. For instance, the row 123487659 could be clued as 2 black (1/2 and 4/8) and 6 white (1/2, 2/3, 3/4, 8/7, 7/6, and 6/5). If a clue is not provided, there could be any number of black or white dots in that row or column.

● 4 4

○ 1 1

3

4 1

2

4 1

3

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

<https://sudokupad.app/h2plqx5ocv>

Time Benchmarks



Two party hats



One party hat



Today's dinosaur:

Nov 1, 2024	11:00	20:00	General Giraffatitan
Nov 2, 2024	7:30	15:00	Ichnogeneric Iguanodonichnus
Nov 3, 2024	7:00	13:00	pinging Pleurocoelus
Nov 4, 2024	9:00	16:00	Uncoverable Unaysaurus
Nov 5, 2024	7:00	13:00	Almost Awake Anchisaur
Nov 6, 2024	6:30	12:00	dreamy Drinker
Nov 7, 2024	7:00	13:00	meditative Magnapaulia
Nov 8, 2024	9:00	17:00	Substitute Sciurumimus
Nov 9, 2024	6:00	11:00	encoded Enigmosaurus
Nov 10, 2024	6:30	12:00	Triceratops with tyres 🦖 🚗
Nov 11, 2024	7:30	15:00	Ngokupheleleyo Ngwevu
Nov 12, 2024	6:00	11:00	endangered Elopteryx
Nov 13, 2024	6:30	12:00	Oops! All Ornithopsis!
Nov 14, 2024	8:30	17:00	Hungry Hungry Hortatolotarsus
Nov 15, 2024	6:30	12:00	zoned-out Zupaysaurus
Nov 16, 2024	6:30	12:00	Melted Mantellodon
Nov 17, 2024	6:00	12:00	Memetic Mbiresaurus
Nov 18, 2024	6:45	13:00	cross Cumnoria
Nov 19, 2024	8:00	15:00	Transformed Tianyuraptor
Nov 20, 2024	7:53	18:29	Mature Musankwa
Nov 21, 2024	8:30	16:00	excited Echinodon
Nov 22, 2024	8:30	15:00	Supply and Demandasaurus
Nov 23, 2024	8:00	16:00	Graded Gresslyosaurus
Nov 24, 2024	8:30	16:00	weary Wulagasaurus
Nov 25, 2024	8:30	15:00	Successful Struthiomimus
Nov 26, 2024	8:00	16:00	Duplicated Dippy
Nov 27, 2024	6:00	11:00	thankful Therizinosaurus
Nov 28, 2024	7:00	13:00	Post-Rock Pawpawsaurus
Nov 29, 2024	8:00	16:00	Idiomatic Irisosaurus
Nov 30, 2024	7:00	13:00	punny Peloroplites

Hints and other spoiled texts

Spoiler for November 20, 2024

When I offered this for testing I described it as "maybe long, not hard". And it took a great deal of restraint to not call the puzzle "That's What She Said" 🤪

Hint for November 25, 2024:

GAS 101: It may not be immediately obvious when looking at it, but the corner boxes were set up to function like two cell long thermometers, that also must contain consecutive digits. (In box 1, 9 can't go on an arrow, 8 must point at it, then 7 can't go on an arrow, etc. etc.) Use this knowledge when scanning for digits.