Mind the GAPP

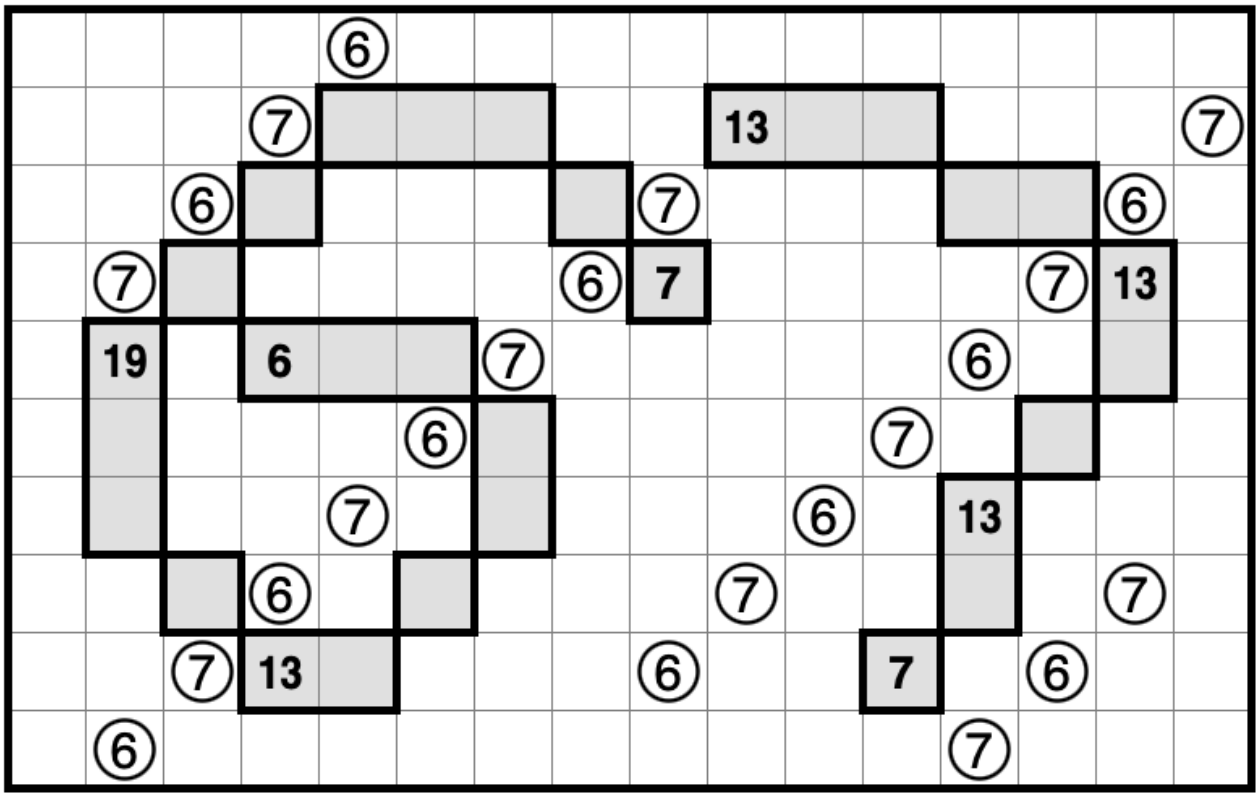
Genuinely Approachable Pencil Puzzles from the CtC Discord
Volume 3: January 1, 2021 - January 31, 2021

January 1st, 2022: Supersized Yosenabe
shye

Happy new year everyone! While we're all in a celebratory mood, today's GAPP marks the 67th puzzle in the series and thus I've prepared a special **Supersized** puzzle this Saturday for the occasion! ...Hey what do you mean 67 isn't an interesting or attractive number? Well neither is 2022 but we still stayed up all night to count down into it..

Here are some cool things to know about the number 67 for you then
• 67 is a prime number, and it is the 19th prime number, which is also prime! Prime-ception
• 67 is the atomic number of Holmium, the strongest magnetic element Can't say it isn't attractive now, huh?
• 67x67 was the originally planned grid size, but for some reason my co-setters were not very keen about it. I hope this size will suffice! It probably won't come as a surprise at this point that our puzzle for today has numbers in it, you get to move them around and add them together, all sorts of fun to be had in this classic **Yosenabe**!

Rules: *Move some circles so that every grey region contains at least one circle. Each circle must end up inside a grey region. A circle may move only in one straight line vertically or horizontally. Circles' paths may not cross each other, other circles, or other circles' starting points. If a grey region contains a clue, it represents the sum of the numbers in the circles which end up in that region.*



Puzz.link: https://tinyurl.com/2p8uk4jn

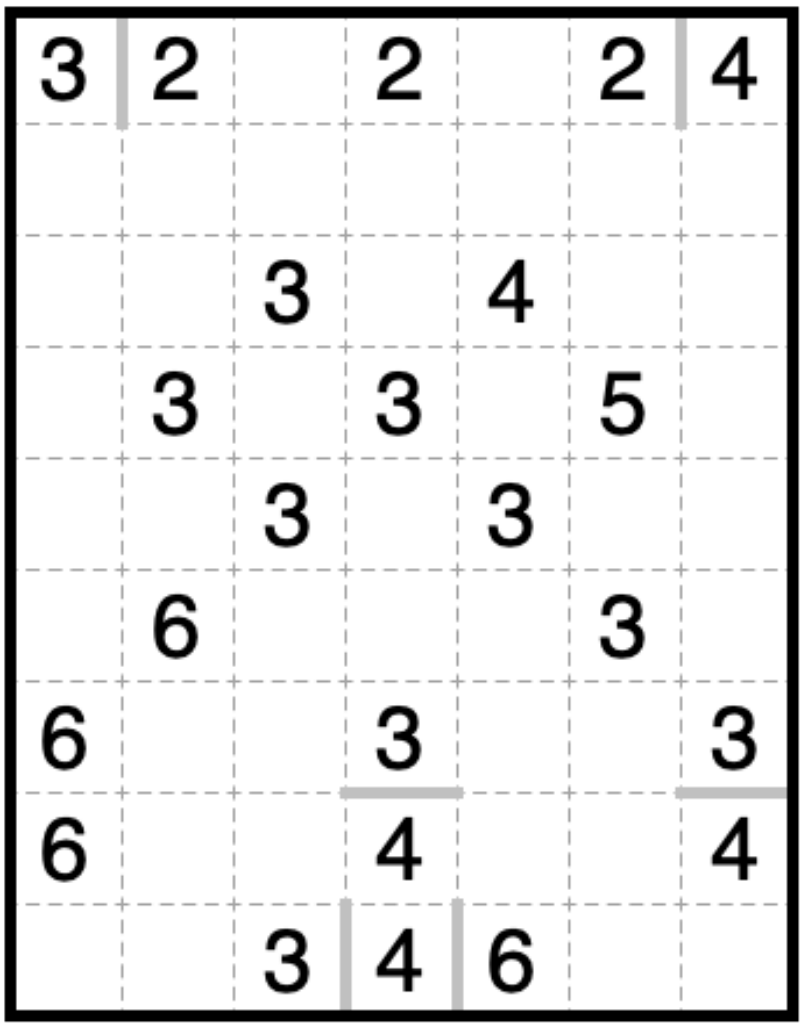
January 2nd, 2022: Fillomino
clover

Good morning, friends! I thought the nest I found in the backyard was full of sudoku eggs, but one of them just hatched into something a bit unusual. GAS doesn't seem like quite the right place for it - maybe you'll know what to do? Today's GAPP is a fillomino!

Rules: Divide the grid up into regions of various sizes. Every number in the grid has to be in a region of that size: for instance, if there's a "3" in the grid, it needs to end up in a 3-block region. And, here's the most important rule of all: regions of the same size can't touch each other directly. (They can touch diagonally, though.)

FILLOMINO FAQ

- It's okay to put two clues in the same region, as long as they have the same number!
- Some regions might not have any clues in them at all. But, you have to type at least one number into every region in order for the solution to be recognized. If your solution isn't being recognized, check this carefully!
- The easiest way to solve fillomino on puzz.link is to click or tap a number in the grid, and then drag it in a direction. Please try this out on the example puzzle, it'll really help a lot.



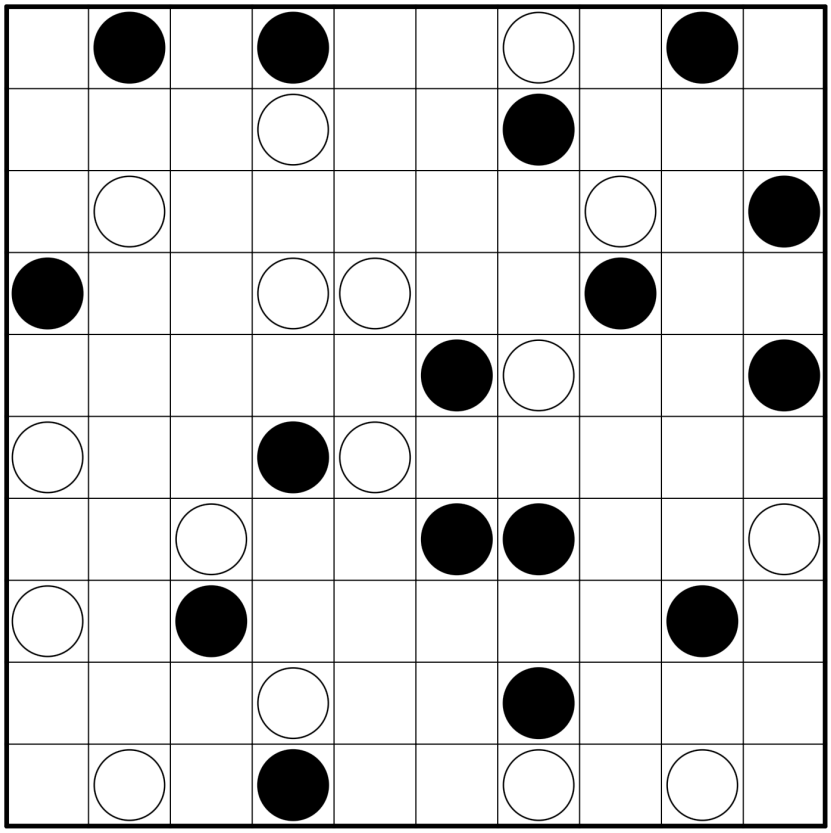
Puzz.link: https://tinyurl.com/bddzsk4n

January 3rd, 2022: Dutch Loop
Sam Cappleman-Lynes

I woke up this morning in a strange and unfamiliar landscape. All my digits are gone and all I've got left are these black and white circles. It's almost like being in a foreign country!

Today's GAPP is a **Dutch Loop**!

Rules: Draw a single closed loop that passes through all cells of the grid. The loop must turn on black circles and go straight through white circles.



Penpa+: https://tinyurl.com/2p94nza6

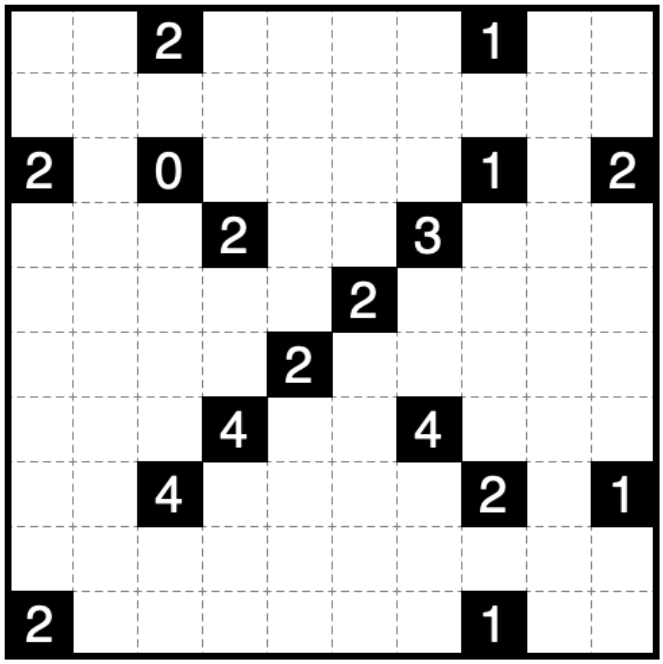
January 4th, 2022: Shakashaka
Philip Newman

My fellow setters seem to have no memory of the events leading up to the Great 2022 GAS/GAPP Switcheroo… I guess that means it's up to me to tell the whole story.

It all started when REDACTED… huh, that's weird. I didn't type that spoiler. Anyway, as I was saying REDACTED… um. I don't know what's happening. It's like something is preventing me from sharing this story with all of you. We need to get to the bottom of this… After all, by Saturday, we'll REDACTED REDACTED made you look REDACTED

Today's **GAPP** is a **Shakashaka**!

Rules: Shade a right triangle in some empty cells, each of which occupies exactly half the cell it's in. Each unshaded area must be rectangular in shape. A number in a cell represents how many of the (up to) four cells orthogonally adjacent to the clue contain triangles.



Puzz.link: https://tinyurl.com/ncyty72e

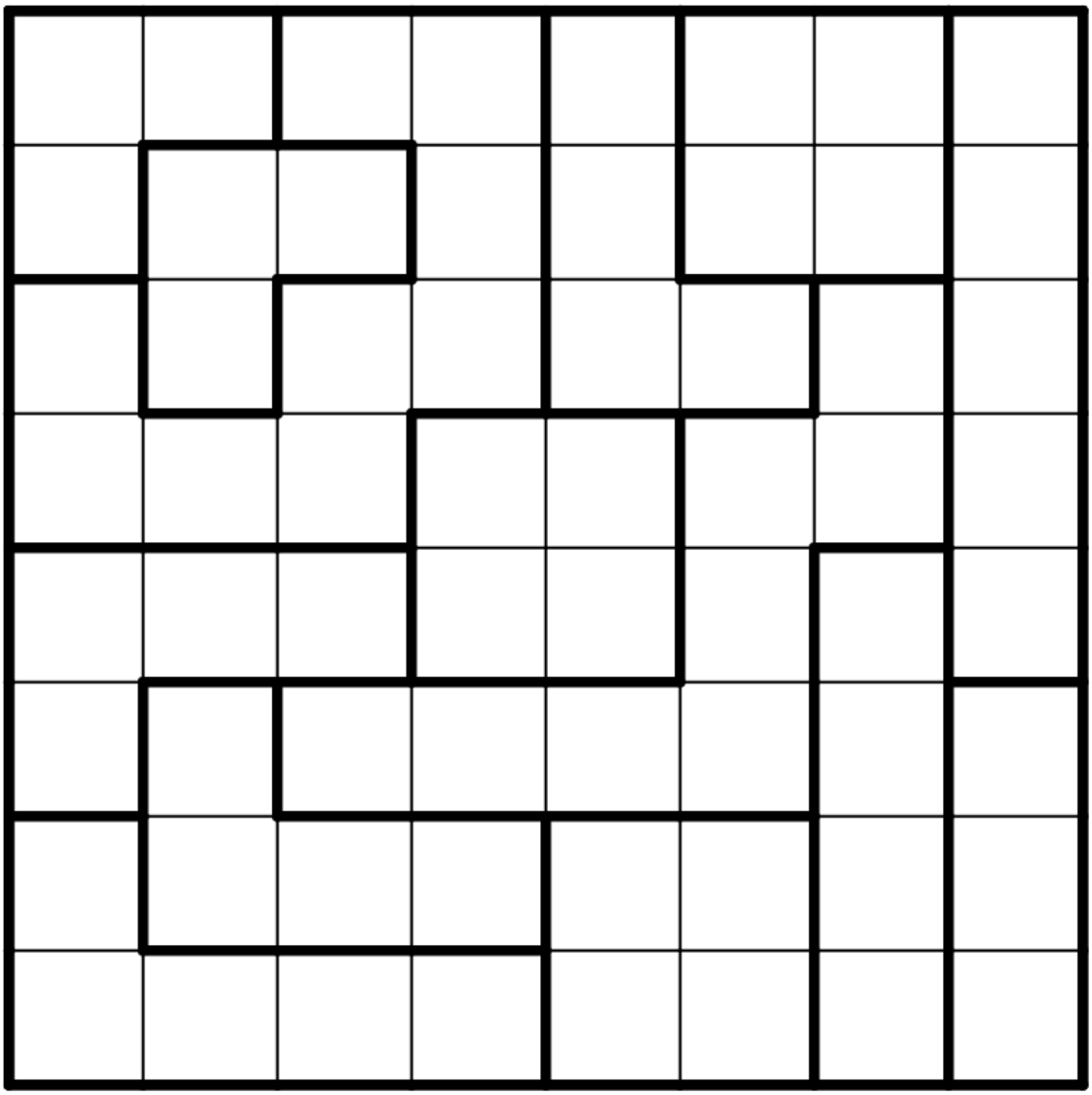
January 5th, 2022: Disco
bakpao

As I'm sure you've noticed, strange events are causing mix-ups in the GAS and GAPP channels this week... The setters have been working hard to figure out a solution to this unfortunate situation, and the GAS team, counting only 3 members, has kindly agreed to do double duty this week to make sure you have a pencil puzzle to solve every day. They overlooked a critical detail though, which I, being the math prodigy that I am, did not. 2 puzzles for 3 setters to cover a 7-day week means there's... one day left to fill! Not wanting to leave you without a puzzle for a day, I offered my help to fill the gapp, and the team kindly accepted. And so here we are!

Unfortunately, over here in the Netherlands, everything is still pretty much closed and on lockdown. Shops and restaurants, pubs and discotheques, they're all still closed. Now, if we can't *go* to any of these places, I'll just bring them to you! Put on your party hats, everyone!

Today's GAPP is a Disco!

Rules: Shade some cells to form a single connected area of shaded cells. Each region must contain exactly two separate sections of the single connected area. No 2x2 area can be entirely shaded.



Penpa+: https://tinyurl.com/2jdfvxse

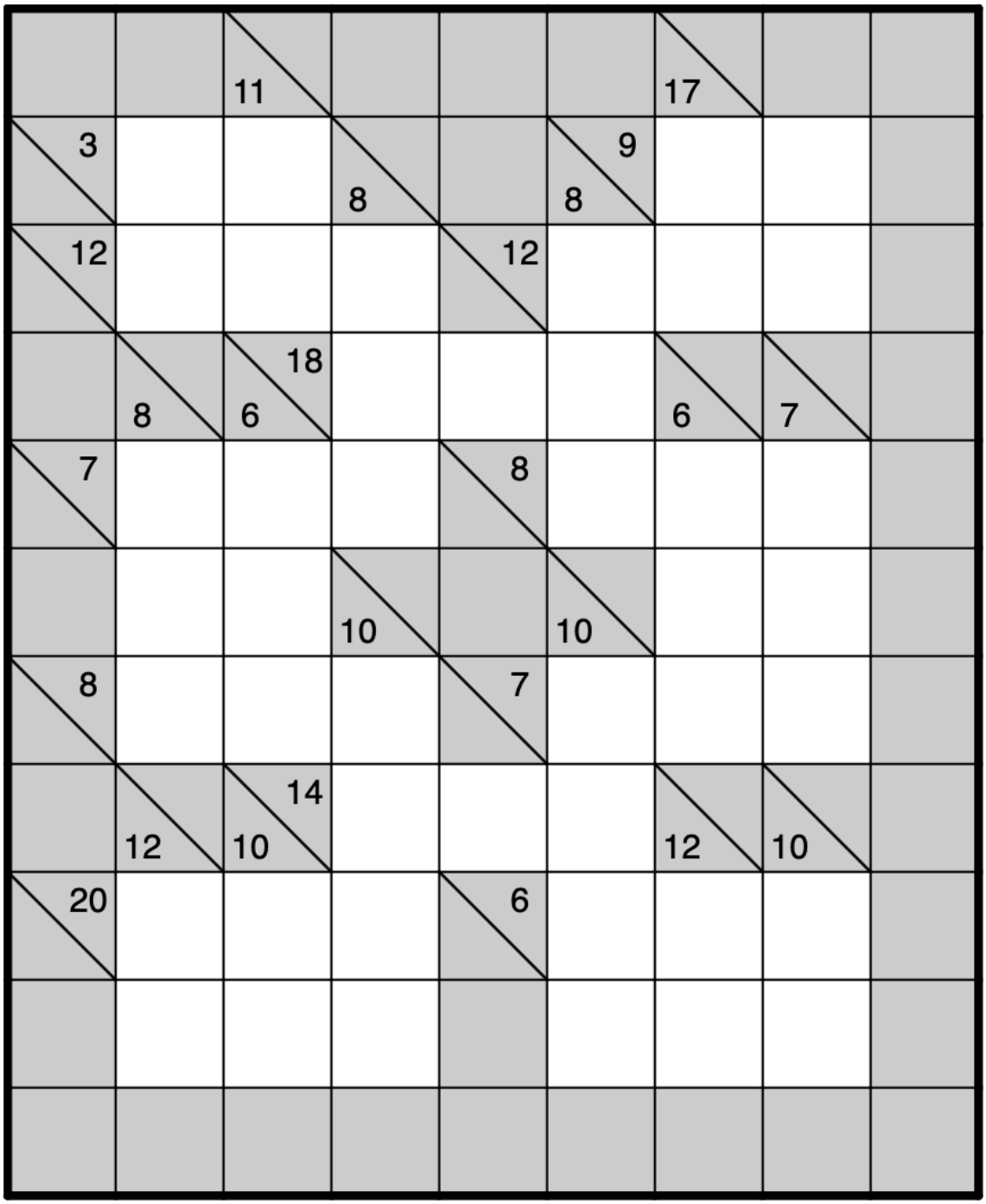
January 6th, 2022: Kakuro
clover

It's been a strange week. I keep getting these incomprehensible messages from other setters, like 'help, I woke up with a headache in the wrong channel and I don't know how I got here!' and 'I'm having strange urges to post a 16x16 kropki that can only be solved in hexadecimal!' and 'help me, clover, I got sucked through this weird pulsating portal to the puzzle dimension and this is my only chance to make contact with someone on the other side and get rescued!'

Oh well, there's no way to know what they're talking about, but I guess it's on me to continue providing the good old fashioned sudoku content you've come to expect while they straighten out whatever's going on over there! I found this funny-looking sudoku in the lint trap of the dryer after cleaning the duvet covers this weekend - it seems to have gotten a bit battered, but I know you'll give it a warm welcome.

Today's GAPP is a **Kakuro**!

Rules: place digits (which all have to be from 1 to 9, no zeroes) in the white squares in the grid so that digits that see each other don't repeat. (But, digits can repeat within the same row or column, as long as there's a grey square in between them.) Each clue gives the sum of the digits that it sees in a straight line: a clue at the top right of its cell sees the line of digits to its right, up to the next grey cell; a clue at the bottom left of its cell sees the line of digits below it, up to the next grey cell.



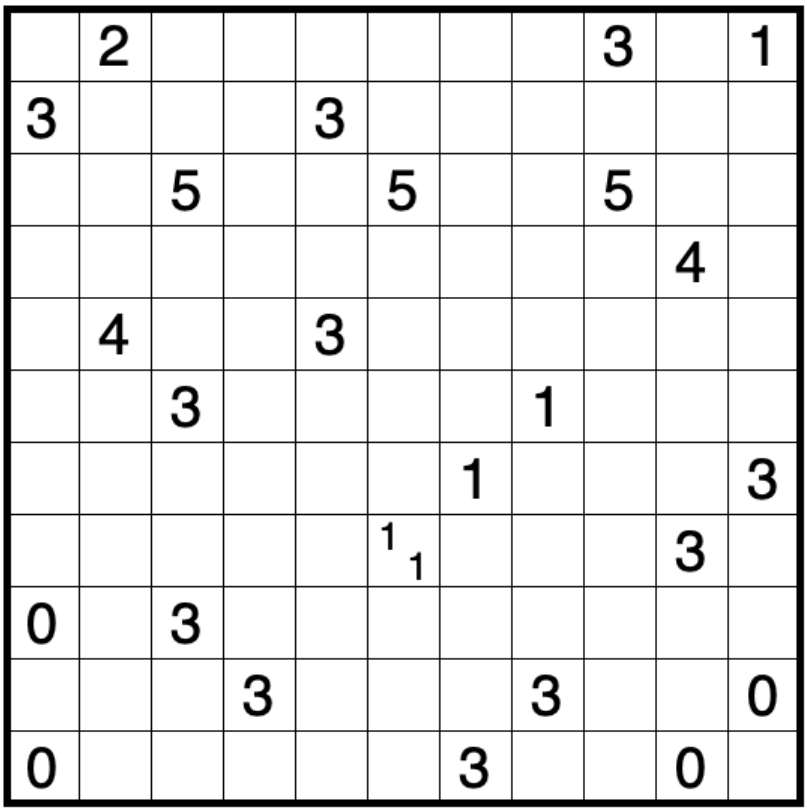
Penpa+: https://tinyurl.com/2p96s8th

January 7th, 2022: Tapa
Philip Newman

After my experience the other day being REDACTED trying to tell you all the truth of what happened to swap the GAS and GAPP teams, I've decided to focus today on fixing things.

There's only one way to put things right, and that is… well, you have to solve this Tapa first to find out. (And then survive Supersized Saturday! :blob sweat:)

Rules: Shade some cells so that all shaded cells form one orthogonally connected area. Clues cannot be shaded, and represent the lengths of the blocks of consecutive shaded cells in the (up to) eight cells surrounding the clue. No 2x2 region may be entirely shaded.



Puzz.link: https://tinyurl.com/vew4c2hc

January 8th, 2022: Supersized Nurikabe
Sam Cappleman-Lynes

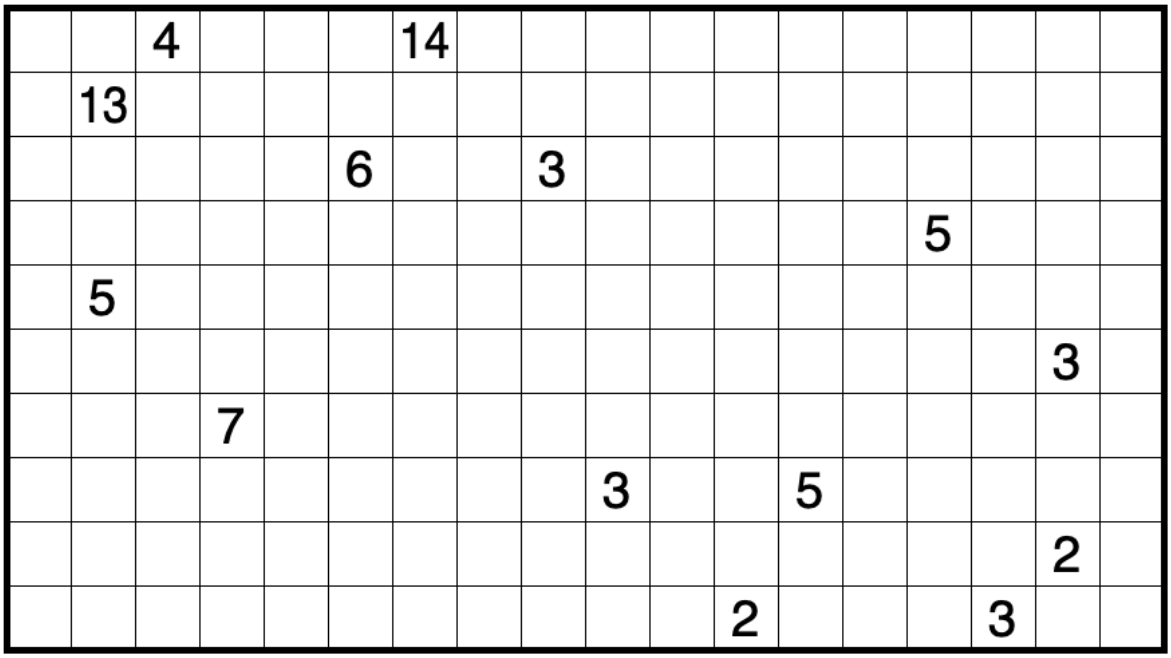
Well, it looks like we've nearly got to the bottom of why the GAS and GAPP teams were switched. Some mischievous spirits* swapped us over when we weren't looking and seem to have been greatly amused by it all. Well, they've had their fun, and I for one am looking forward to normality again.

There's only one problem... Every time I try to leave I'm blocked by an enormous, invisible wall**!

Today's **Supersized Saturday** puzzle is a **Nurikabe**!

Rules: Shade some cells so that all shaded cells are connected and no 2x2 area is completely shaded. Each unshaded area contains exactly one number, and that number is equal to the size of the area.

* https://en.m.wikipedia.org/wiki/Y%C5%8Dkai
** https://en.m.wikipedia.org/wiki/Nurikabe

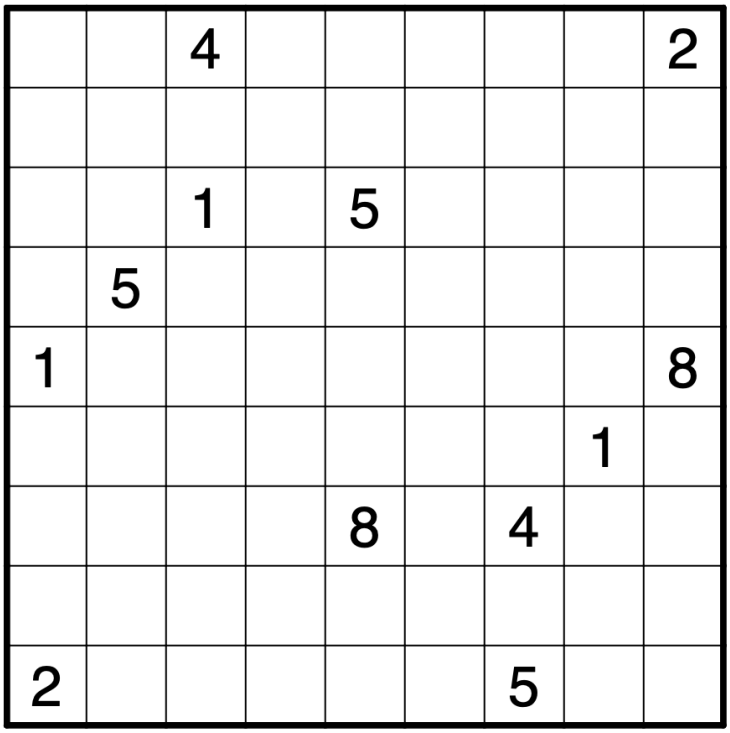


Puzz.link: https://tinyurl.com/4m7z8e8k

January 9th, 2022: Chocolate Banana*
Freddie Hand

While the Great Crossover Event has really left me hungry for pencil puzzles, it has also left me hungry for food. But all I see are rows and rows of double chocos . Looking for something healthier, I grab a **Chocolate Banana** off the top shelf, which will hopefully be a more enjoyable treat. Hopefully that means I won't overheat, get things backwards and post a sudoku... r8zbkhyy

Rules: Shade some cells so that all areas of orthogonally connected shaded cells are rectangular and all areas of orthogonally connected unshaded cells are not rectangular. A clue represents the number of cells in its group of shaded/unshaded cells.

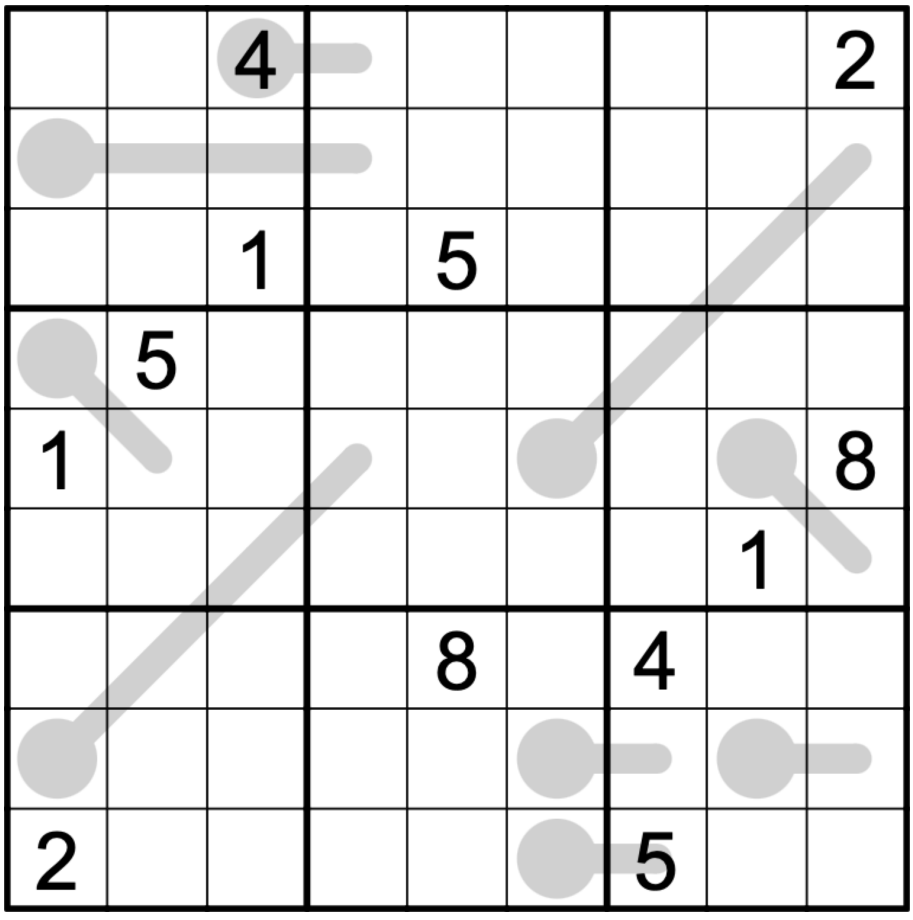


Penpa+: https://tinyurl.com/3ap82mse
and with grey givens: https://tinyurl.com/4nd2m2kr

***Bonus Puzzle #0: Thermo Sudoku**
Freddie Hand

The last sentence of the introduction (and in particular, the final string, ‘r8zbkhyy’) may have seemed suspicious to readers. Indeed, if the given string is reversed (hinted at by “get things backward”), one can obtain an f-puzzles link, which leads to a thermo sudoku, with the same given digits as the chocolate banana.

Rules: Normal Sudoku rules apply. Additionally, numbers on a thermometer must strictly increase, starting from the bulb.

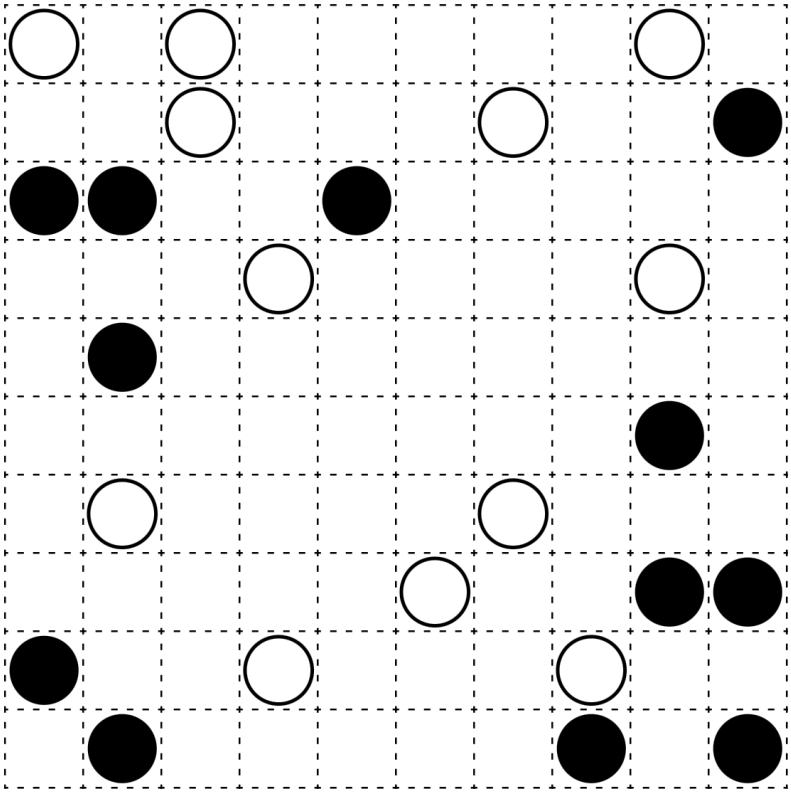


F-puzzles: https://f-puzzles.com/?id=yyhkbz8r

January 10th, 2022: Chocolate Banana
Eric Fox

Hello friends! How would you like to go with me to get some **Milk Tea**? Alright, let's go! What's that? You thought I meant the drink? AHAHAHAHA of course not! You oughta know by now I was offering *a puzzle*!

Rules: Draw lines between the centers of cells so that each connected figure forms a T shape (a straight line with a perpendicular line extending from somewhere in its middle). Exactly three circles must lie on each T shape—one on each loose end. On a T shape, the two circles connected by a straight line must be the same color, and the third must not be that color. T shapes may not overlap or share circles, and every circle has to be used.

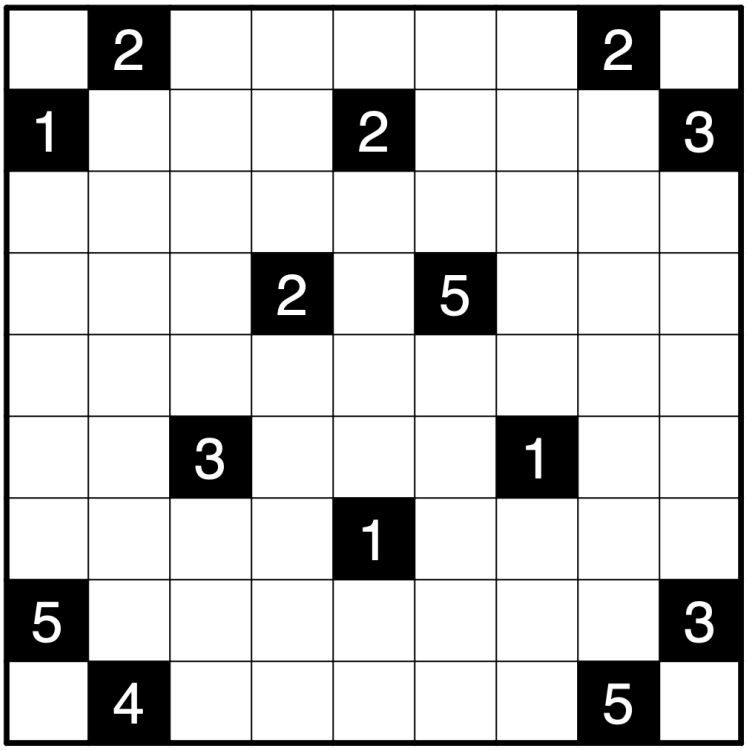


Penpa+: https://tinyurl.com/kvu9fzvj

January 11th, 2022: Chained Block
shye

In the world today with NFT and crypto scams aplenty which I'm sure many of us have little trust in, today's GAPP will be something much more comfortable. Invented by Nikoli who always strived for quality hand-crafted puzzles, it's the complete opposite of blockchains... It's a **Chained Block**!

Rules: Shade some cells to form orthogonally connected blocks of shaded cells, each belonging to exactly one clue which indicates the size of the block. When blocks meet diagonally they form "chains", wherein no two blocks of the chain have the same shape, counting rotations and reflections as the same. Every block must be part of a chain.



Puzz.link (pzprxs): https://tinyurl.com/3keua5hz
Penpa+: https://tinyurl.com/ycxp9b7u

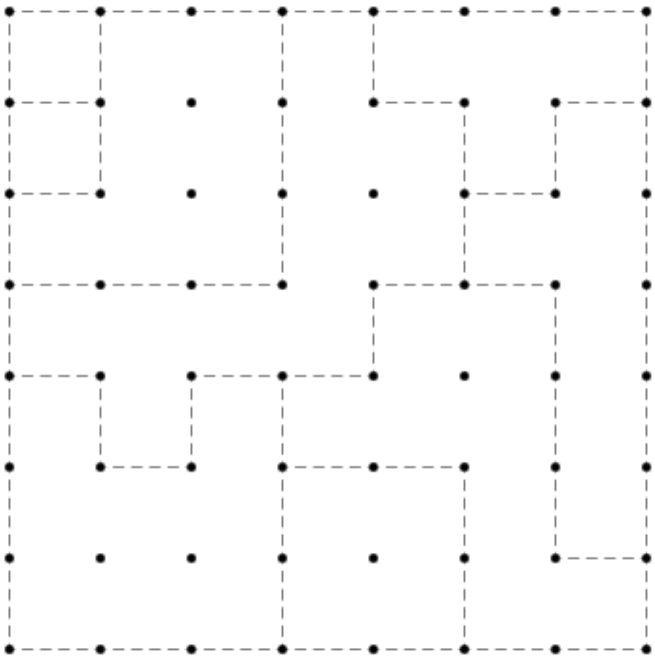
January 12th, 2022: Mejilink
jovi_al

Sometimes, in life, the things that are important aren't the things that are there, but the things that aren't. Sometimes, paying attention to what's missing will lead to some clarity.

Apropos of absolutely nothing at all, today's genre is a **Mejilink**!

Rules: Trace some of the given borders to draw a non-intersecting loop. The number of cells in a region must equal the number of borders surrounding it that *don't* belong to the loop.

The word "don't" is super important there!



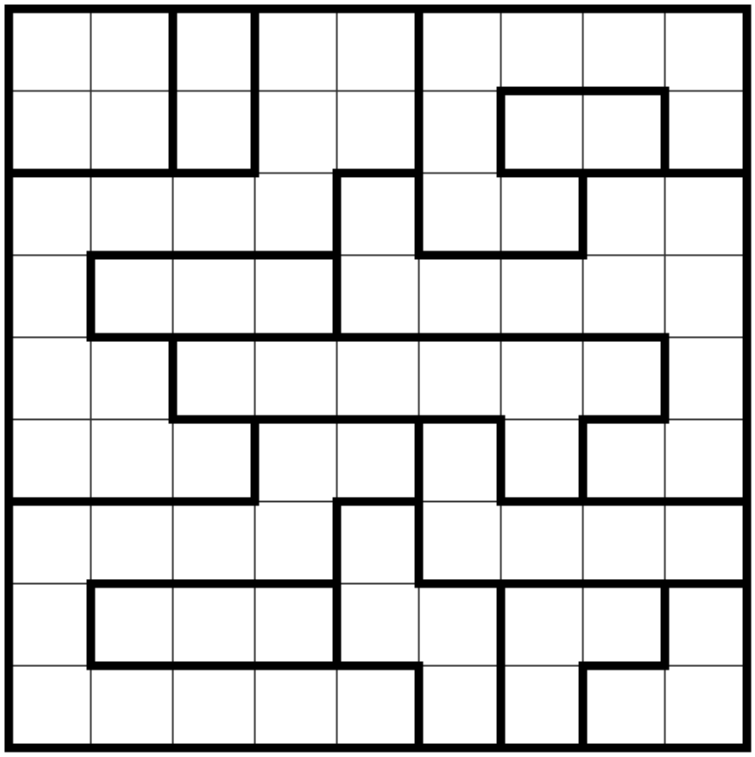
Puzz.link: https://tinyurl.com/2p827cy6

January 13th, 2022: Norinori
Tyrgannus

Do you like sushi? How about being in high spirits? Resonate with the concepts of belief, faith, or love? Or maybe you're just here for the memes. Either way, there's something for everyone in today's puzzle! If you're wondering where these seemingly unrelated associations come from, try looking up definitions and translations of today's genre yourself, both as just one word or two. You'd be surprised just how many different answers you get just as you'll be surprised just how delicious this genre can be.

Today's GAPP is a **Norinori**!

Rules: Shade some 1x2 dominoes of cells so that every region contains exactly two shaded cells. Shaded dominoes may not touch orthogonally. Dominoes may exist in multiple regions but are not required to.



Puzz.link: https://tinyurl.com/2d7w7tum

January 14th, 2022: Fillomino
Freddie Hand

It's the day before Saturday, which means it's time for

F I L L O M I N O F R I D A Y

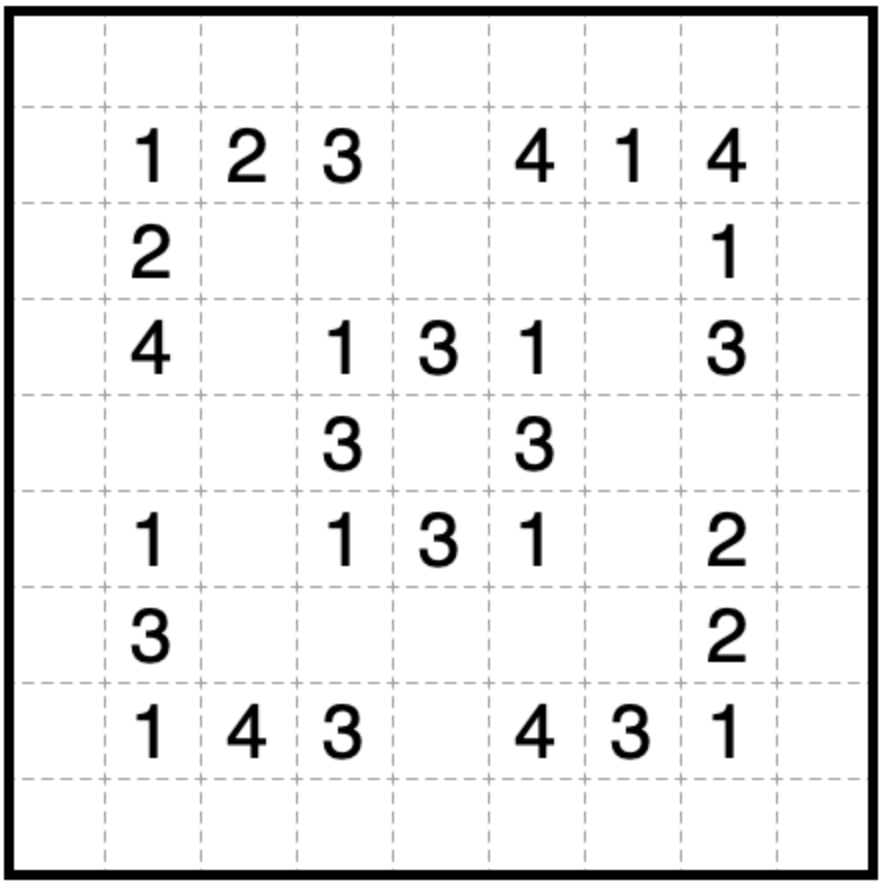
(Disclaimer: this series started last Saturday and ends next Thursday, so only consists of one fillomino)

"What's this?", you exclaim. "A genre that has appeared on GAPP before?" Well, some genres are so good that one puzzle couldn't possibly do them justice! Of course we will continue to explore new rulesets, but sometimes it's good to revisit the tried and true of the puzzle world.

Rules: Divide the grid into regions of orthogonally connected cells. Two regions of the same size may not share an edge. Clued cells must belong to a region containing the indicated number of cells.

Note: puzzlink answer check requires each region to contain at least one correct number, and no incorrect numbers. (You can adjust the setting to "check multiple errors", which means pressing check indicates all errors present).

Further note: the puzz.link interface allows you to drag numbers/drag auxiliary lines, which may be helpful for solving.

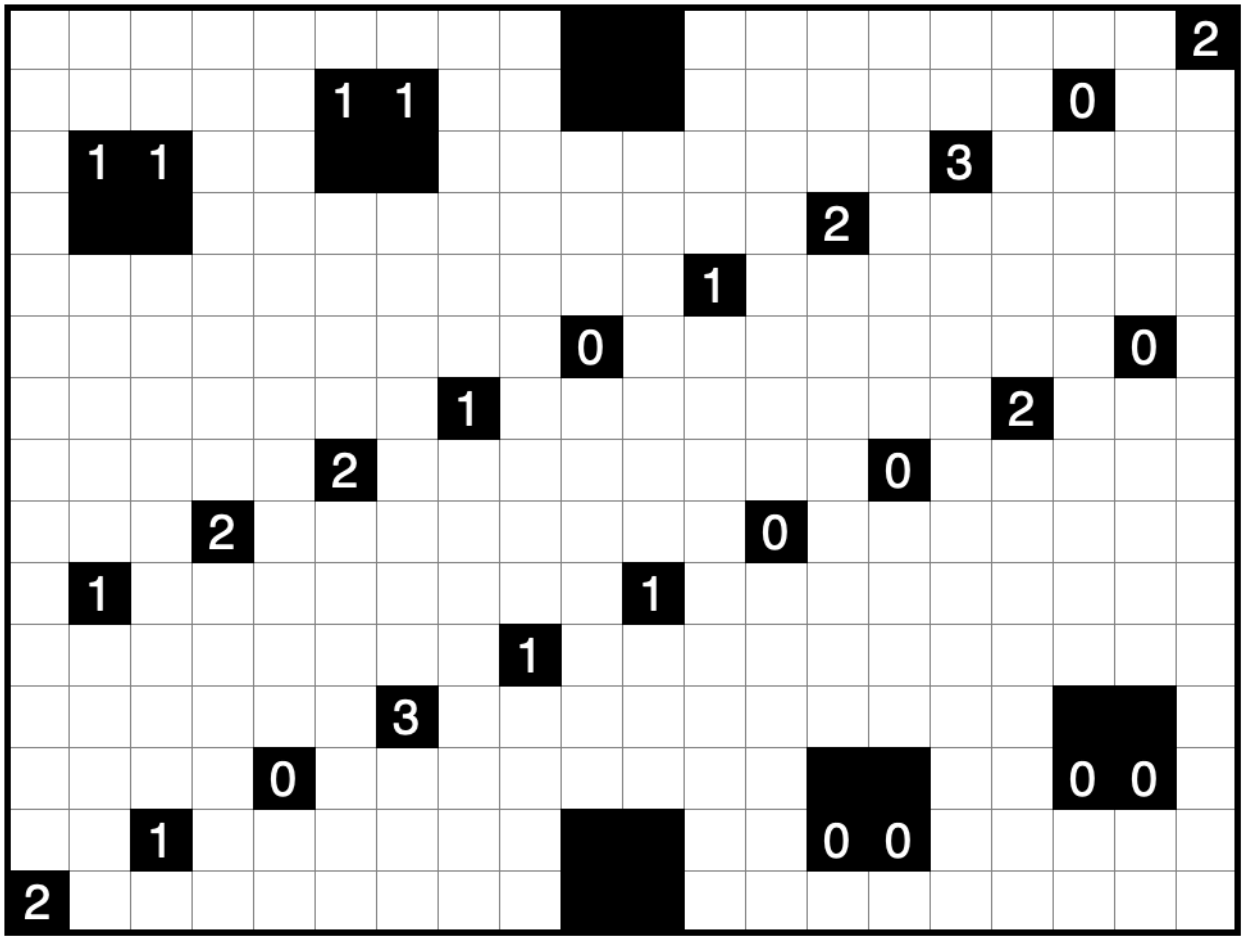


Puzz.link: https://tinyurl.com/2p96nv3c

January 15th, 2022: Supersized Akari
Eric Fox

It's time again, for another **Supersized Saturday**! This time around, we're revisiting **Akari**! Can you cleverly arrange the lights to illuminate the whole board?

Rules: Place lights in some cells so that every cell is illuminated. Lights illuminate the cell they're in as well as all cells seen in a straight line horizontally or vertically, not obstructed by a black cell. Lights may not illuminate each other. Clues represent the number of lights in the (up to) four cells surrounding the clue.



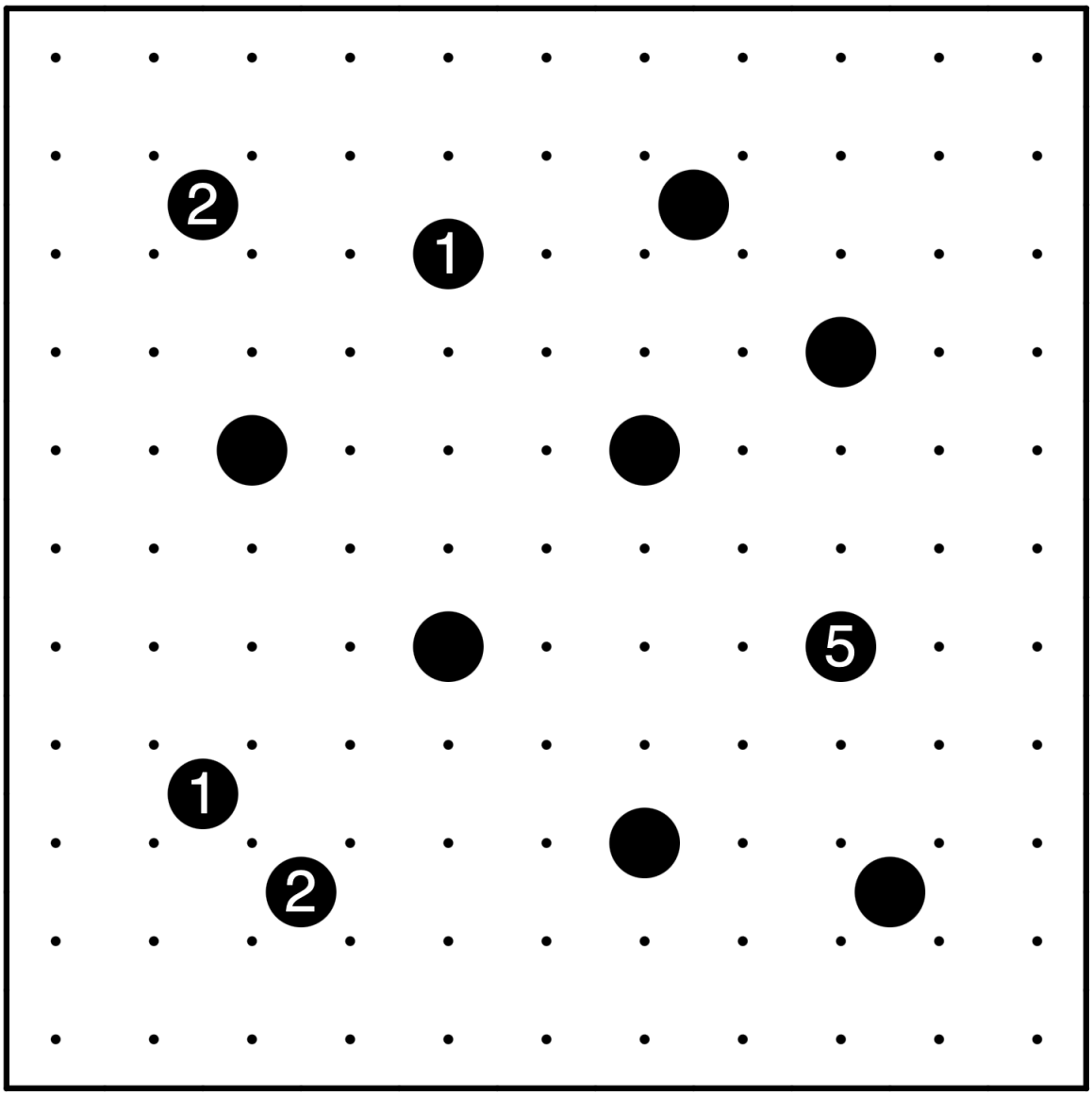
Puzz.link: https://tinyurl.com/2p8d5djd

January 16th, 2022: Taj Mahal
shye

The GAPP tour bus has arrived! Welcome to Agra, home of the magnificent **Taj Mahal**. Admire the detailed pietra dura, its vast garden and reflective pool, and uh, *checks notes*... tilted squares connected at the corners, apparently.

Rules: *Draw straight lines connecting pairs of grid points to form squares (allowing non-orthogonal lines). Squares may only touch at the corners, and all squares must form one connected network. Circles mark the centers of all squares drawn in the grid. A number in a circle represents how many other squares its square shares a corner with.*

Software Note: Unlike the regular line tool, today we're using *Free Line*, which works by clicking one gridpoint and dragging it to another one, creating a line segment between the points (or deleting it, if one is already drawn there). Answer check only goes off for these specific lines, so when you draw them in make sure each line is one side of the square!



Penpa+: https://tinyurl.com/2k7ukty4

January 17th, 2022: Pipelink
jovi_al

If you have been around me for any length of time recently, you know that there's a genre I've very much been binge-solving, and it was only a matter of time before it showed up in GAPP...

You all liked ringring, right?

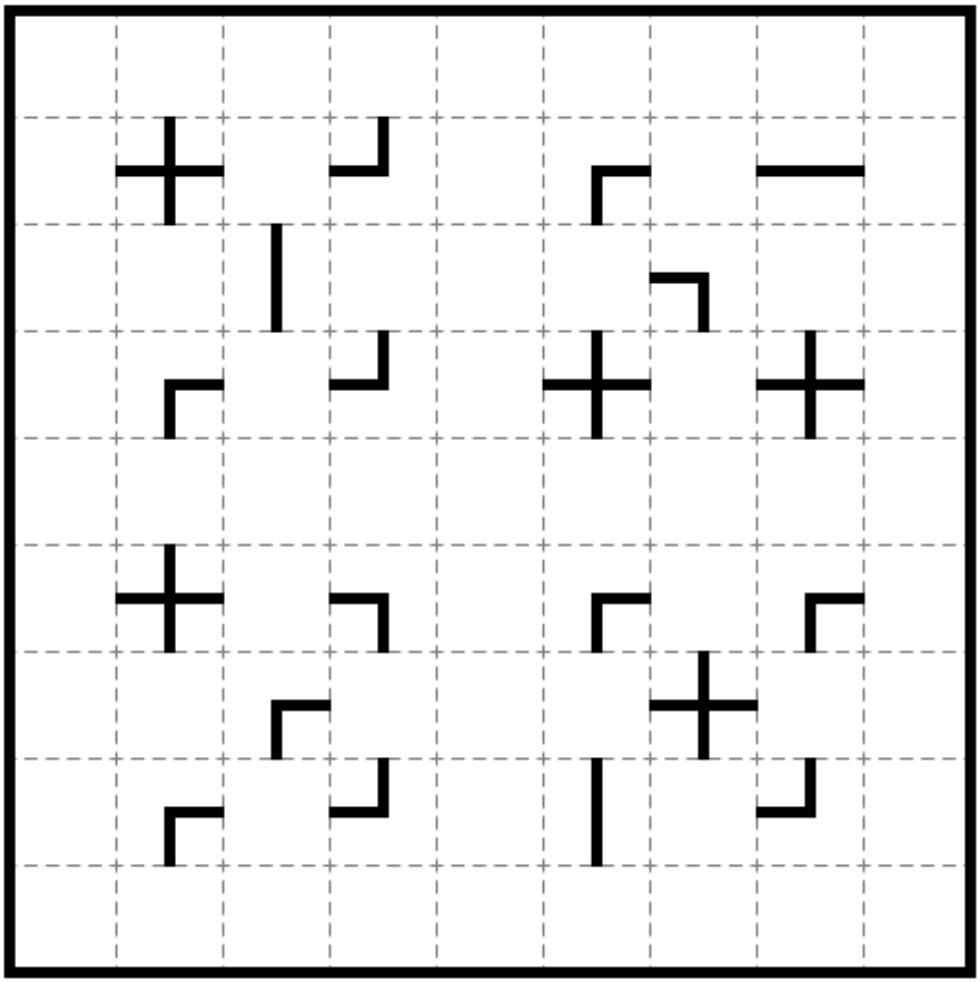
Just wait until I tell you there are MORE genres that both use all cells and cross lines in a confusing and unintuitive manner!! Ah, my favorite!!

That's right! Today's genre is **Pipelink**!!

Rules: Draw a loop through the centers of all cells. Two perpendicular line segments may intersect each other, but not turn at their intersection or otherwise overlap. A clue shows how the loop crosses through the cell it’s in.

Note that the loop can cross itself at any point *except* on a given clue if a cross is not given. That is why the X's in the example puzzle solution are there. To place those yourself, simply right click a cell border.

Note about the interface: it draws lines only if you start from the center of the cell, so on the given clues you have to start from the center of that cell (or an adjacent cell, and drag into the given clue).



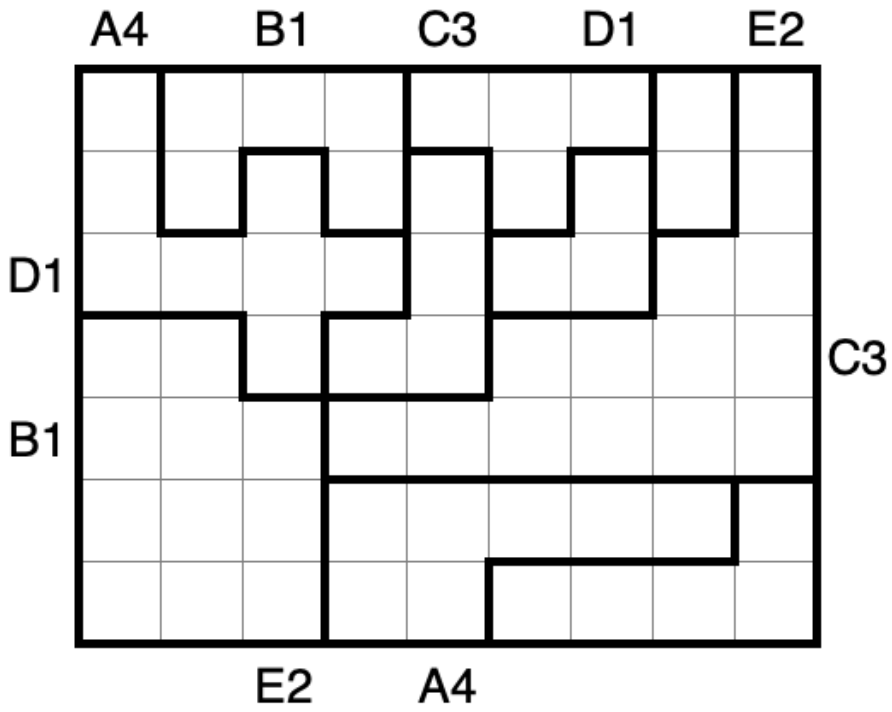
Puzz.link: https://tinyurl.com/2p9em7a3

January 18th, 2022: Kin-Kon-Kan
Tyrgannus

Did you know that today is a milestone? Today is the 84th day of GAPP and the 74th genre covered, but neither of these seem common milestones to celebrate. How about 100 though? Counting 6 each from both Mind the GAPP documents as well as the 5 puzzles instead of the usual 1 on Christmas, this is actually the 100th puzzle that the GAPP team has released (not counting example puzzles) I thought today would be a good opportunity to reflect upon where we've come in the channel, and what better way to reflect than with mirrors?

Today's GAPP is a **Kin-Kon-Kan**!

Rules: Place a diagonal line into some cells, connecting two opposite corners. Each region must contain exactly one diagonal line. A beam of light enters the grid from each letter outside the grid and travels in a straight line, reflecting off of any diagonal lines it runs into, until it exits the grid. Each beam must exit the grid at a position marked with the same letter as its entrance, and if that letter is accompanied by a number, the number indicates how many diagonal lines the beam reflects off of. Every diagonal line must be used by at least one beam.



Puzz.link: https://tinyurl.com/4yu4mdj7

January 19th, 2022: TomTom
Freddie Hand

Ladies and Gentleman, *Name That Genre!*

* intro music rolls *

Yes, the show where lucky contestants could win over 1680 cells in puzzles!

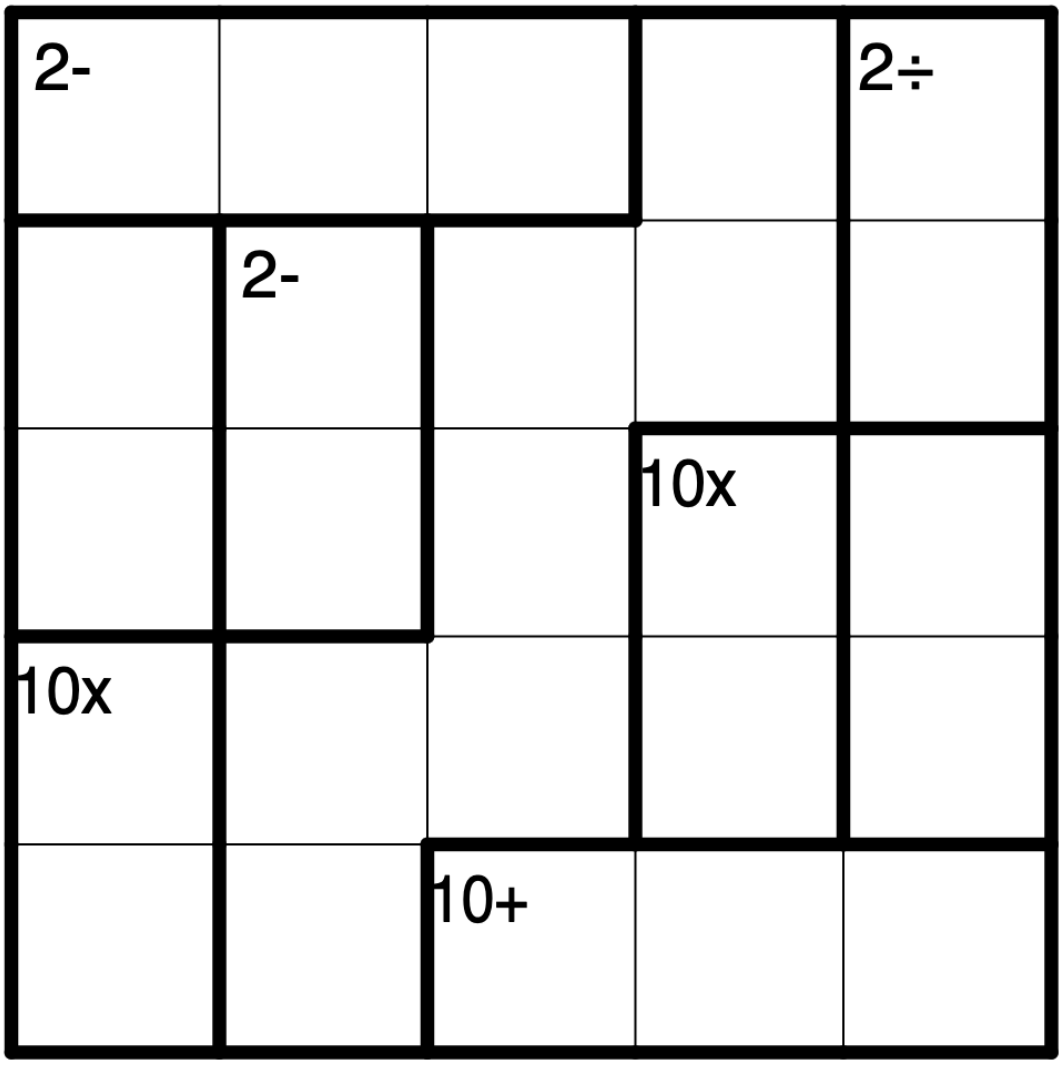
Now, for 25 cells, *name that genre!*

"A Latin square puzzle with cages containing a number and an operation"
"KenKen!", you exclaim.

"I'm afraid that is incorrect. Other wrong answers include KenDoku, Calcudoku, Mathdoku, Square Wisdom and BarbieBarbie"

The correct answer (and the genre you will be solving today) is **TomTom**!

Rules: Place a number from 1 to N into each cell so that each row and column contains every number from that range with no repeats, where N is the side length of the grid. A clue represents the value obtained by applying an operation iteratively on the numbers in the region the clue is in. If no operation is given, it may be any of +, -, ×, or ÷. Subtraction and division in regions with more than two numbers are handled by taking the largest number and subtracting/dividing all the others. Notably, the underlined part of the rules is chiefly where this genre differs from KenKen.

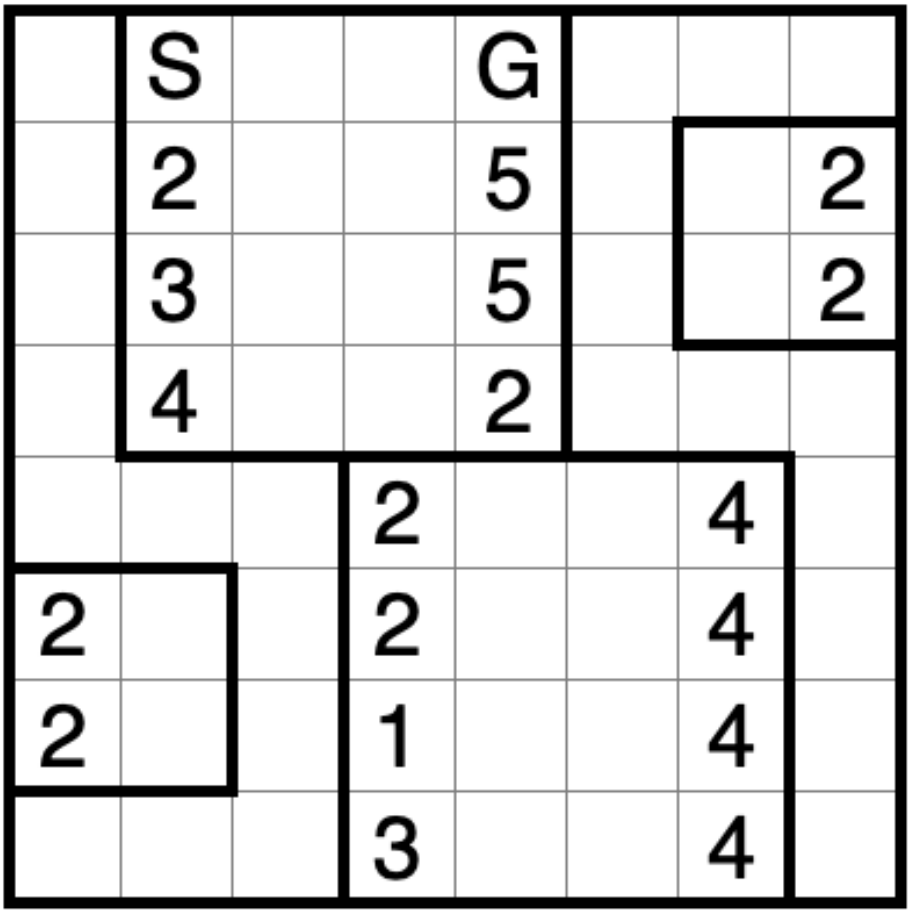


Penpa+: https://tinyurl.com/2p8dh4sm

January 20th, 2022: Haisu
Eric Fox

As a delivery driver, you have to visit neighborhoods in the order you're assigned to make sure everyone's packages get delivered on time. The map you've been given seems a bit confusing, but you don't want any packages arriving late! Can you work out the path to take in this **Haisu** puzzle to travel around correctly?

Rules: Draw a non-intersecting path through the centers of cells, visiting every cell, starting from the S (start) and finishing at the G (goal). Each clued cell must be traveled through on the path's Nth visit to the region the clue lies within, where N is the value of the clue.



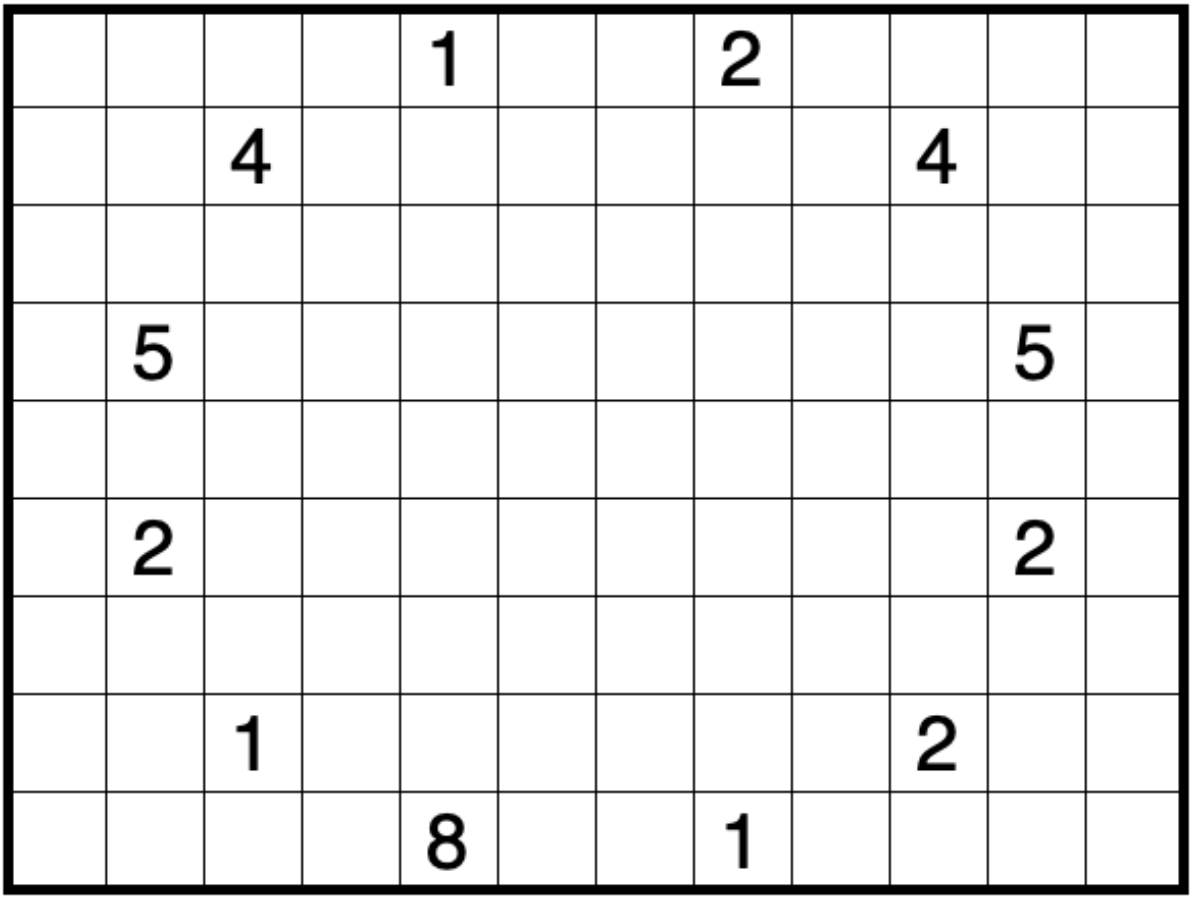
Puzz.link: https://tinyurl.com/bp6n6ayu

January 21st, 2022: Mochikoro
shye

There have been a bunch of more unconventional genres lately, so to compensate today's GAPP was chosen to hopefully be one with more familiar and conventional rules.
It's a **Mochikoro**!

Rules: Shade some cells so that all areas of orthogonally connected unshaded cells are rectangular. The unshaded rectangles must all be connected diagonally. Clues cannot be shaded, and represent the number of cells in the unshaded area they belong to. An unshaded area of cells cannot contain more than one clue. No 2x2 region may be entirely shaded.

Puzz.link: https://tinyurl.com/yavmvdve



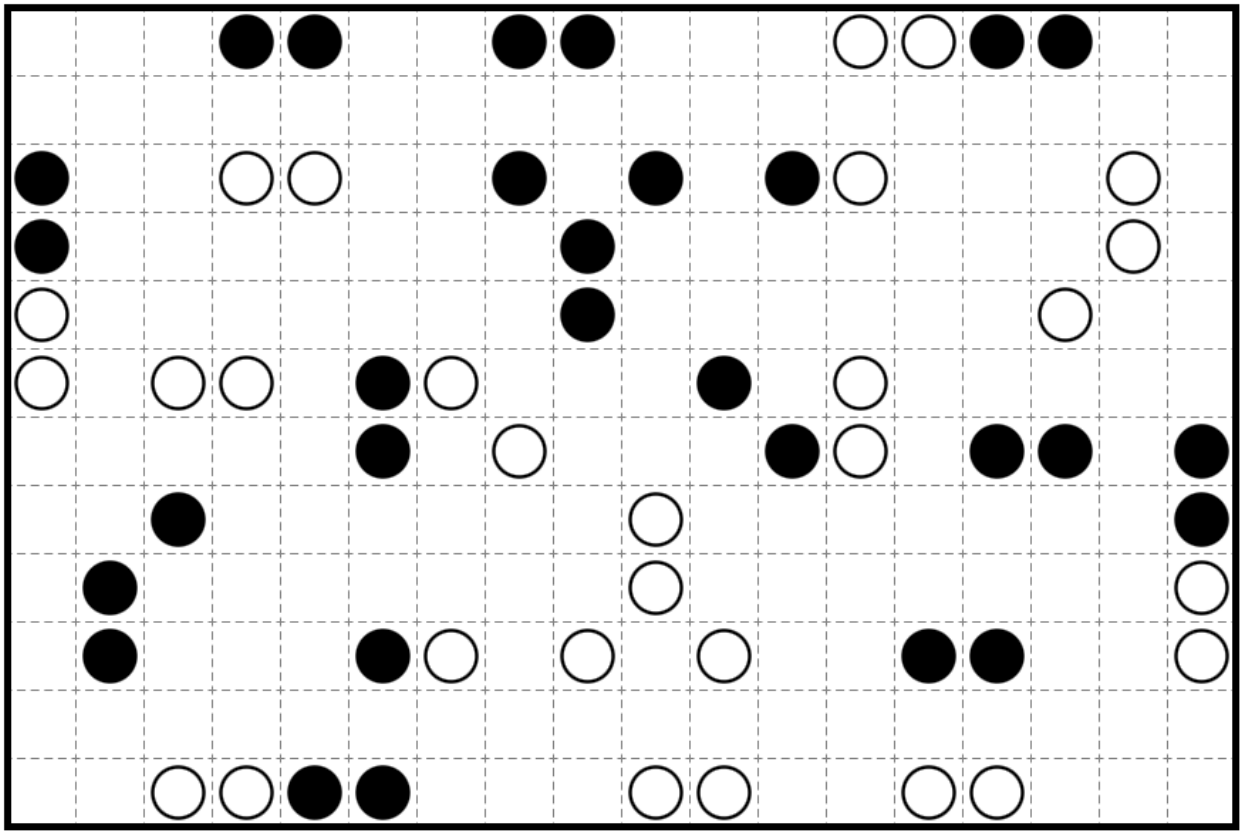
January 22nd, 2022: Supersized Masyu
jovi_al

Don't mind me-- just cementing my status as the most predictable GAPP setter. Much like the Pipelink from earlier this week, if you've been around me at all recently...

I think you can see where this is going.

Today's ***Supersized Saturday*** genre is **Masyu**!!

Rules: Draw a non-intersecting loop through the centers of some cells that passes through every circle. The loop must turn on black circles and travel straight through the cells on either side. The loop must go straight through white circles, and turn in at least one of the cells on either side.



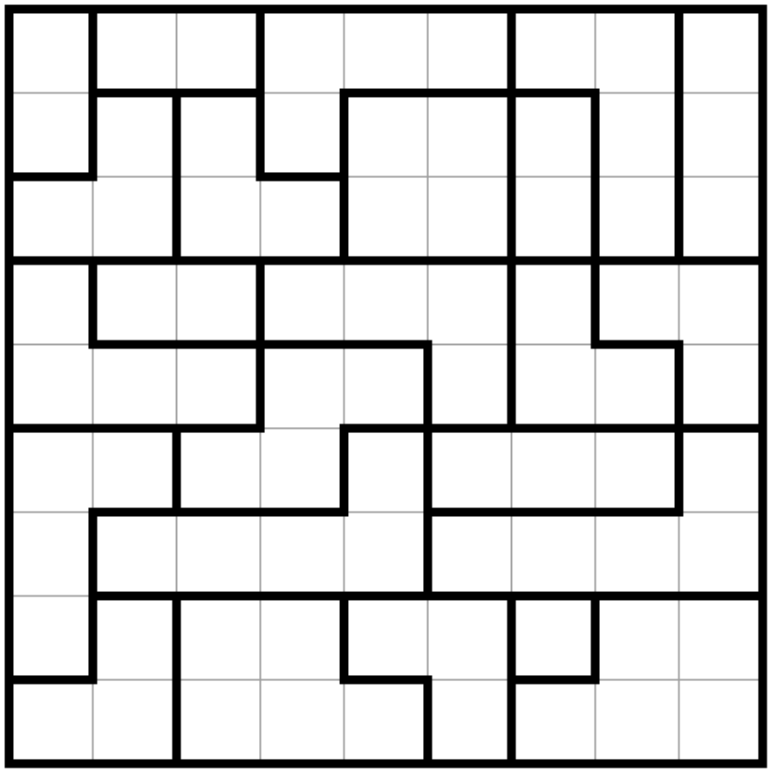
Puzz.link: https://tinyurl.com/yckmhuzu

January 23rd, 2022: Putteria
Tyrgannus

Ok, ok, I admit it. I like wonky regions. It all started doing irregular sudoku, often called jigsaw back in the day. Since then you've seen me post Star Battle and Norinori as well. Something about wiggly noodly regions just makes me heart warm, y'know? Well, I'm back to my old tricks, and in a genre I think is very much underrated. Truth be told, this is a top 10 genre for me and I hope you fall in love with it as I have!

Today's GAPP is a **Putteria**!

Rules: Label exactly one cell in each region with the number of cells the region contains. Two orthogonally adjacent cells may not both be labeled. Every labeled number in a row or column must be different and thus cannot repeat, in other words, no two cells which share a row or column may be labeled with the same number.



Puzz.link: https://tinyurl.com/2p96wcfd

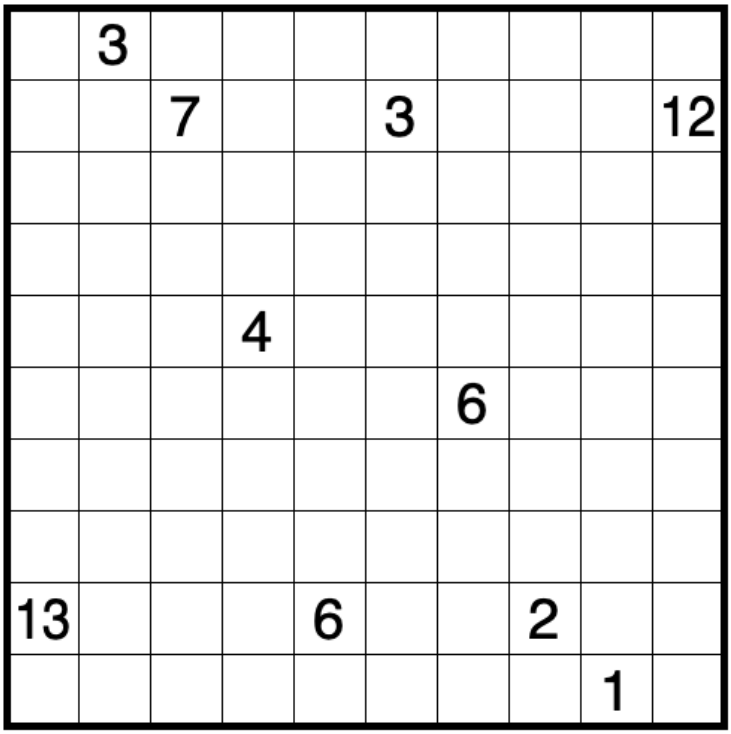
January 24th, 2022: Nuribou
Freddie Hand

Today's puzzle may look like a Nurikabe, but don't be fooled! It's hiding behind a wall , masking its identity, ready to leap out at any moment with a cry of **Nuribou**! But fear not, for by solving this puzzle you can subdue the mischievous spirit.

(NB: the 'bou' of 'nuribou' is not actually pronounced like 'boo')

Rules: Shade some cells so that each orthogonally connected area of shaded cells is in the shape of a one-wide rectangle. Rectangles of the same length may not touch diagonally. Clues cannot be shaded, and every orthogonally connected area of unshaded cells contains exactly one clue, the value of which represents the size of the area.

(Note that the shaded regions do not all have to be diagonally connected)



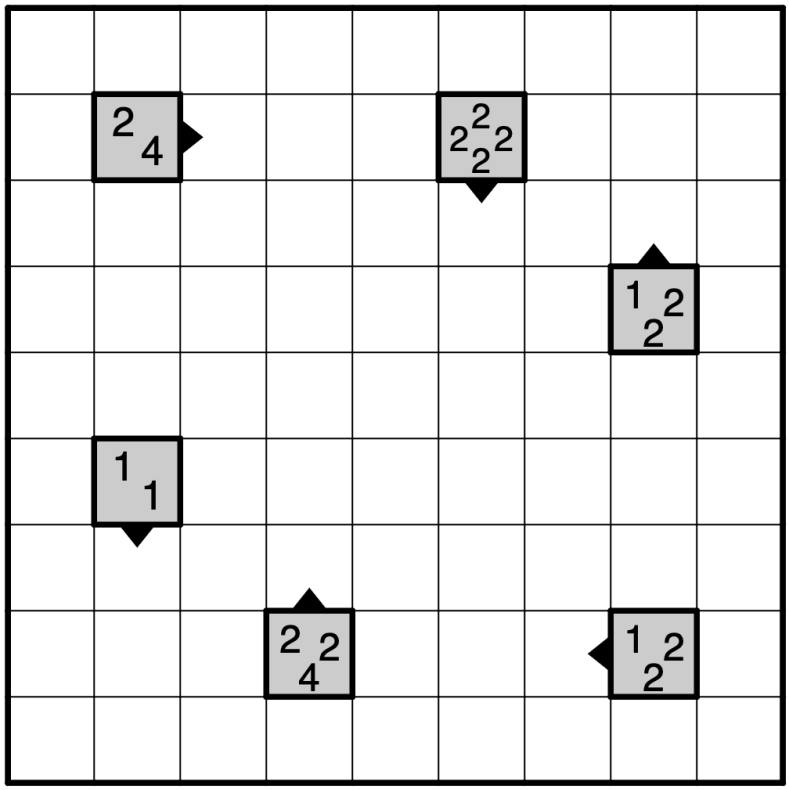
Puzz.link: https://tinyurl.com/2p967ufb

January 25th, 2022: Disorderly Loop
Eric Fox

Last time you saw me, we were delivery drivers solving a Haisu puzzle where numbers needed to be visited in the right order. This time around, order is thrown right out the window.

Today's puzzle is a **Disorderly Loop**, a genre I created last November!

Rules: Draw a non-intersecting loop through the centers of some cells. Clued cells may not be used by the loop. Clues represent the lengths of the next N line segments appearing in the loop, not necessarily in order, starting with a line in the cell adjacent to the clue in the direction of its arrow and moving in the direction of the arrow, where N is the amount of numbers in the clue.

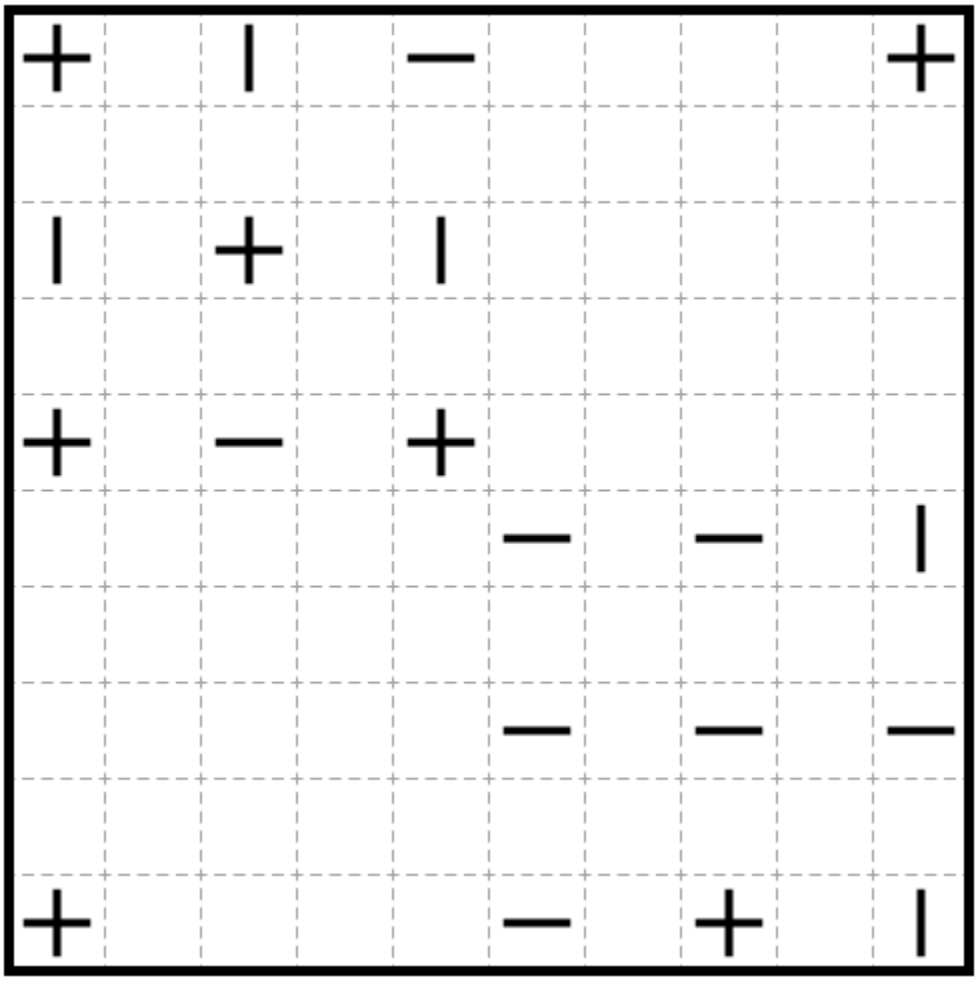


Penpa+: https://tinyurl.com/22efwjcu

January 26th, 2022: Tatamibari
shye

It's been a hot minute since the last GAPP region division puzzle. In today's **Tatamibari** we'll be arranging rectangular regions in shugijiki tiling!

Rules: Divide the grid into rectangular regions of orthogonally connected cells, each containing exactly one clue. A plus shaped clue means that the region it belongs to is a square. A line shaped clue means that the region it belongs to is a rectangle with the longer edge parallel to the line. **Four regions may never share the same corner.**



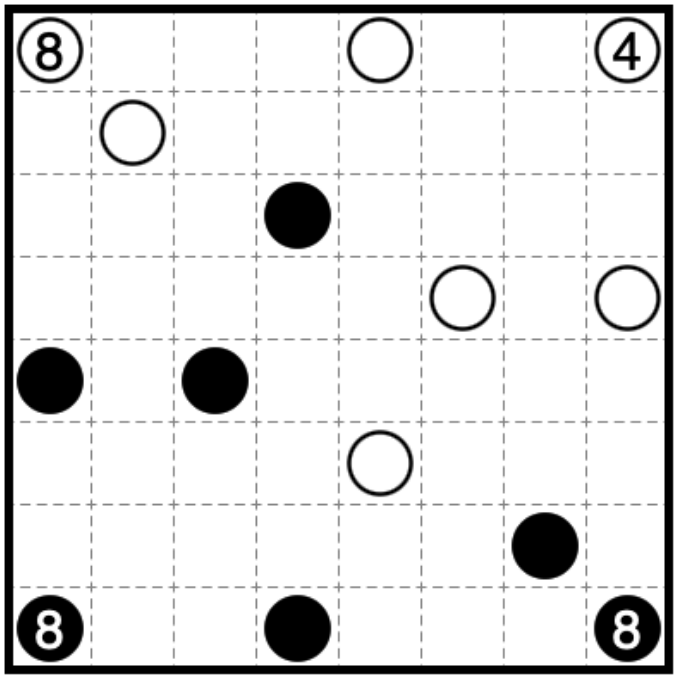
Puzz.link: https://tinyurl.com/393fs4vy

January 27th, 2022: Balance Loop
jovi_al

Remember that one movie a few years ago? Something something "Eternity Bracers"? Think it was called "Captain Revengers: Eternity Rocks" or something like that. Anyways, to commemorate the effect that amazing and * completely unforgettable * movie had on our culture, today's genre is a **Balance Loop**! (Thanatos was obsessed with balance, right?)

Rules: Draw a non-intersecting loop through the centers of some cells that passes through every circle. The straight line segments coming out of a white circle must have equal length, while the straight line segments coming out of a black circle must have different lengths. A clue in a circle represents the sum of the lengths of these two line segments.

Don't get it mixed up with Masyu or Dutch Loop, though! *The loop doesn't have to turn on black circles, nor does it have to go straight through white circles-- both circles could be either!*



Puzz.link: https://tinyurl.com/483hw8ys

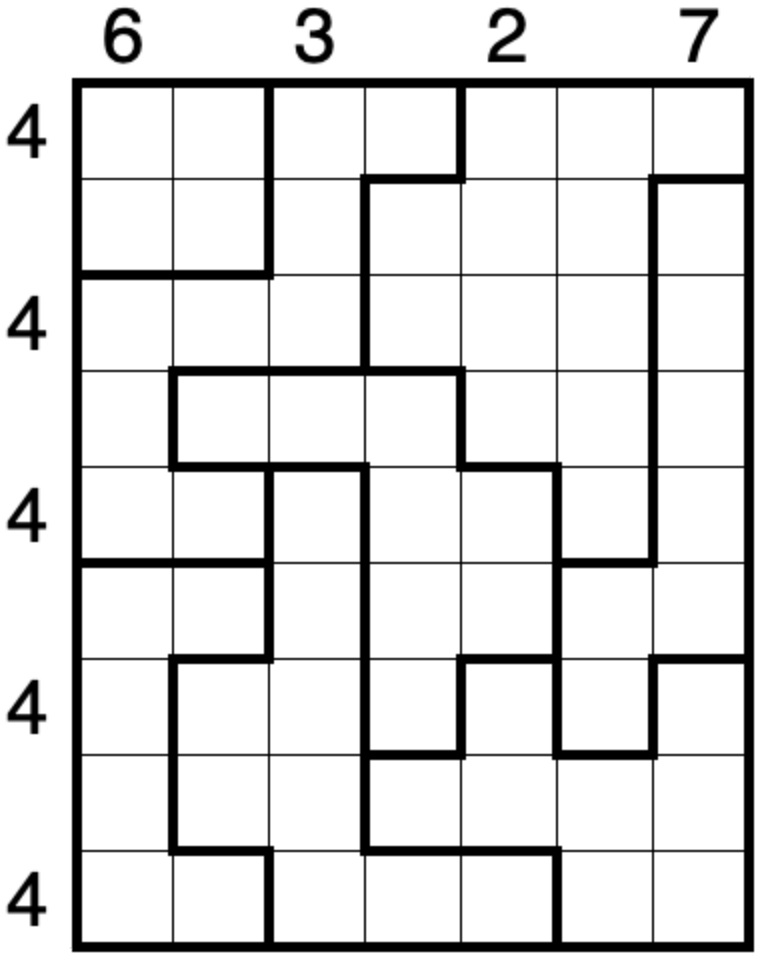
January 28th, 2022: Aquarium
Tyrgannus

First of all, if you're interested in contests and haven't checked it out already, **PANFOPCWHTTAPA 2** is currently going on! This is a contest of approachable pencil puzzles, so many of you might be interested! Head on over to https://discord.com/channels/709370620642852885/723891943284670484/935167004216803388 for details!

That being said, do you know just how much snow is at my place? A lot. Honestly, I'm getting quite sick of it. I wish I could find a way to just melt all the snow. Hmmm, melted snow turns into water, and where would all that water go? Perhaps I should organize all the snowmelt water into oddly shaped fish tanks on top of each other and make it into a puzzle!

Today's GAPP is an **Aquarium!**

Rules: Fill some cells with water so that within each region, cells which are in the same row are either all full or all empty. When a row of cells within a region is filled with water, all cells below that row in that region must be filled as well. Clues outside the grid represent the number of filled cells in the corresponding row or column.



Puzz.link: https://tinyurl.com/58z5nuj8

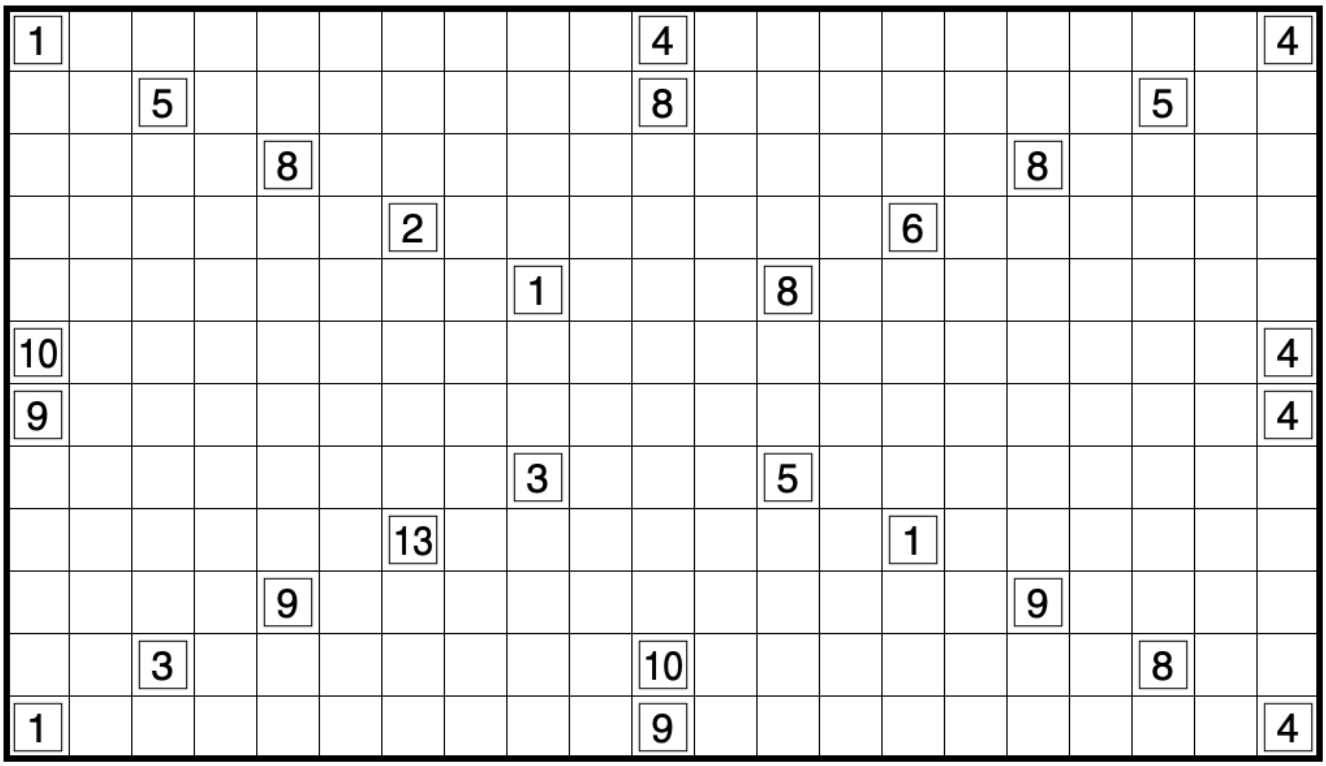
January 29th, 2022: Supersized Tasquare
Freddie Hand

To kick things off, I'd like to second Tyrgannus's recommendation of **PANFOPCWHTTAPA 2**, the second in a series of pencil puzzle contests designed to be your first competitive experience. See this post - https://discord.com/channels/709370620642852885/723891943284670484/935167004216803388 - for further details.

It's that time of the quarter-month again. That's right, it's time for ~~The Guardian Prize Crossword!!!!~~ **SUPERSIZED SATURDAY**! But for this puzzle, I haven't given you any cryptic clues, or even shaded cells! To make things easier, you only need to identify the shaded cells to claim the prize of a stuffed animal. Whether you then fill the grid with words is entirely your "Ruling is in code, strangely" (8)

Today's puzzle is a **Tasquare**!

Rules: Shade some cells so that each orthogonally connected area of shaded cells is in the shape of a square and the remaining unshaded cells form one orthogonally connected area. Clued cells cannot be shaded, and represent the total size of the shaded squares that share an edge with the clue. If a clue has no number, it must share an edge with at least one shaded square.

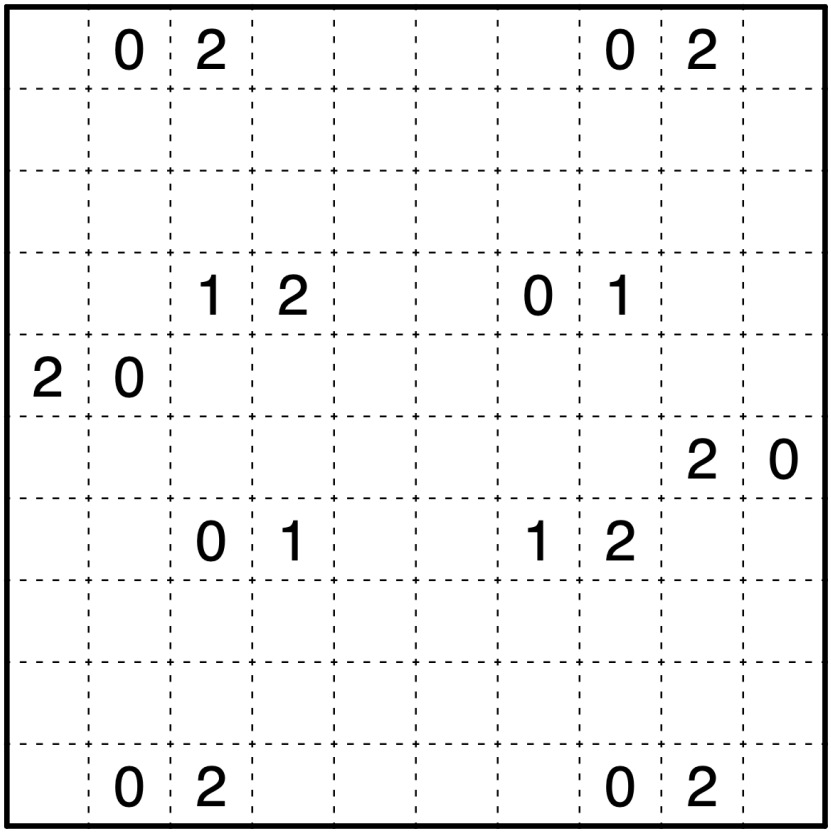


Puzz.link: https://tinyurl.com/4vdabv2b

January 30th, 2022: Wittgenstein Briquet
shye

Today Eric isn't able to make it so I'm filling in, we should hopefully see him tomorrow! For now though, our daily GAPP is a **Wittgenstein Briquet**! Not actually invented by Ludwig Wittgenstein, and not actually using real coal, although I'm sure you could perhaps try to do so for a pencil and paper solve.

Rules: Locate some 1x3 blocks in the grid which may not overlap each other or the clues. A clue represents how many of the (up to) four surrounding cells are used by blocks. All cells which aren't used by blocks must form one orthogonally connected area.



Penpa+: https://tinyurl.com/2p8twrfs

January 31st, 2022: Hitori
jovi_al

A quick reminder that **PANFOPCWHTTAPA 2,** the second in a series of pencil puzzle contests designed to be your first competitive experience, is still active for a bit longer! See this post for more info: https://discord.com/channels/709370620642852885/723891943284670484/935167004216803388!

Oh no! This grid has given digits! Could it be that you've accidentally landed in daily-sudoku-puzzles? Oh, wait, no. All of them are given. Some repeat in rows and columns, too, so this definitely isn't any kind of Latin Square *I've* ever seen. I don't like that. Let's just... get rid of the repeats and pretend it's a normal Latin Square. Sounds good? Good! Today's genre is **Hitori**!

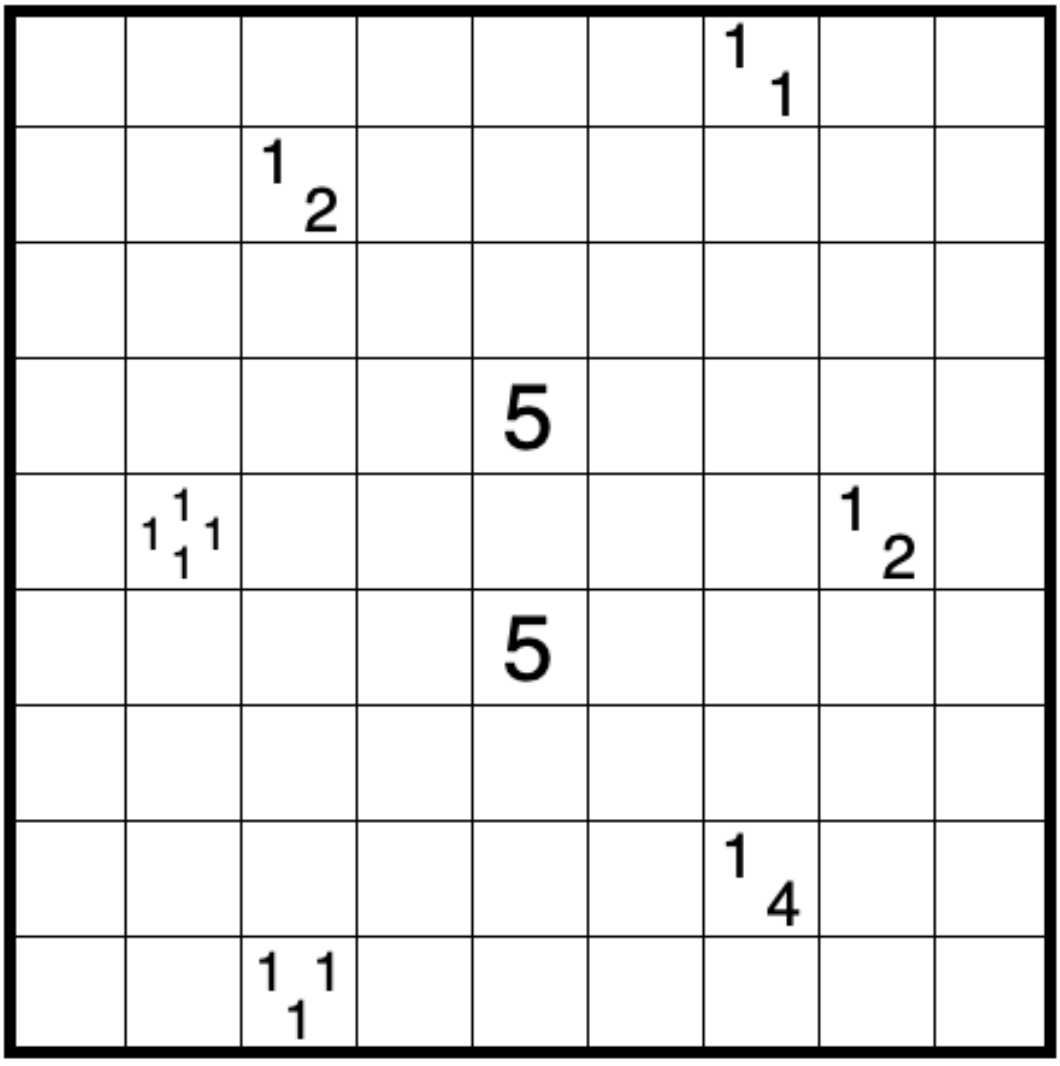
Rules: Shade some cells so that no two shaded cells are orthogonally adjacent and the remaining unshaded cells form one orthogonally connected area. No two cells in the same row or column containing the same number may both be ***unshaded.***

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

Puzz.link: https://tinyurl.com/yc3rf7vf

Bonus Puzzle #1: Tapa
Eric Fox

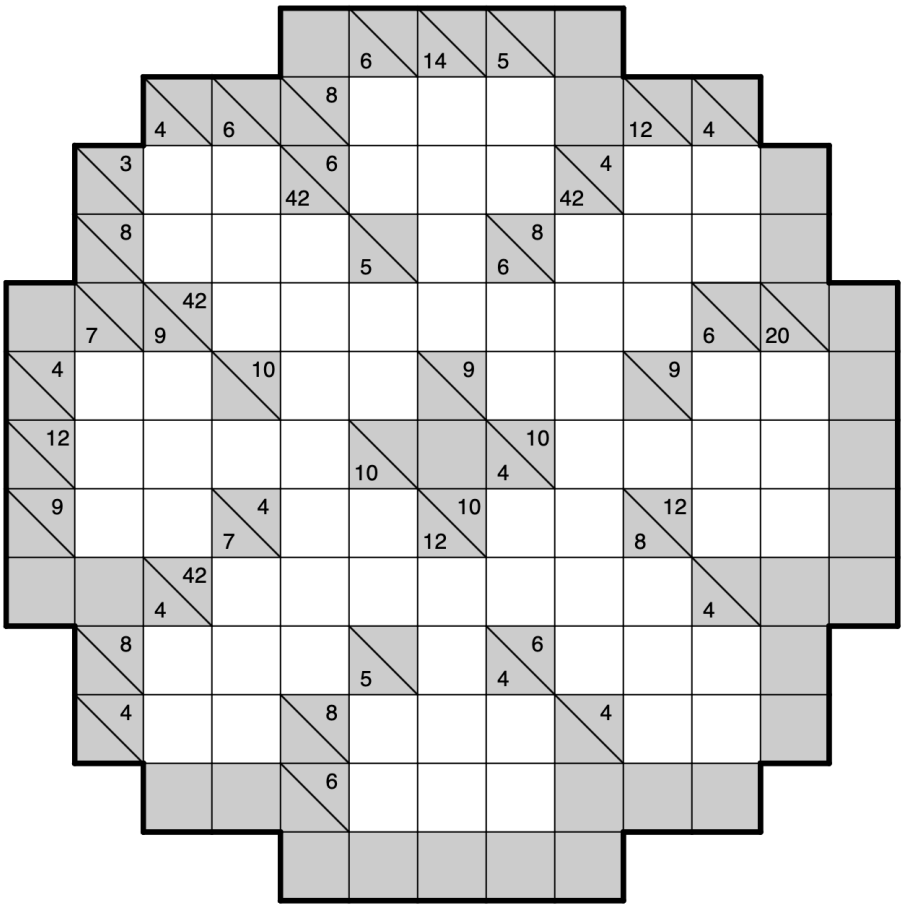
Rules: Shade some cells so that all shaded cells form one orthogonally connected area. Clues cannot be shaded, and represent the lengths of the blocks of consecutive shaded cells in the (up to) eight cells surrounding the clue. No 2x2 region may be entirely shaded.



Puzzlink: https://tinyurl.com/2p89eeuw

Bonus Puzzle #2: Kakuro
clover

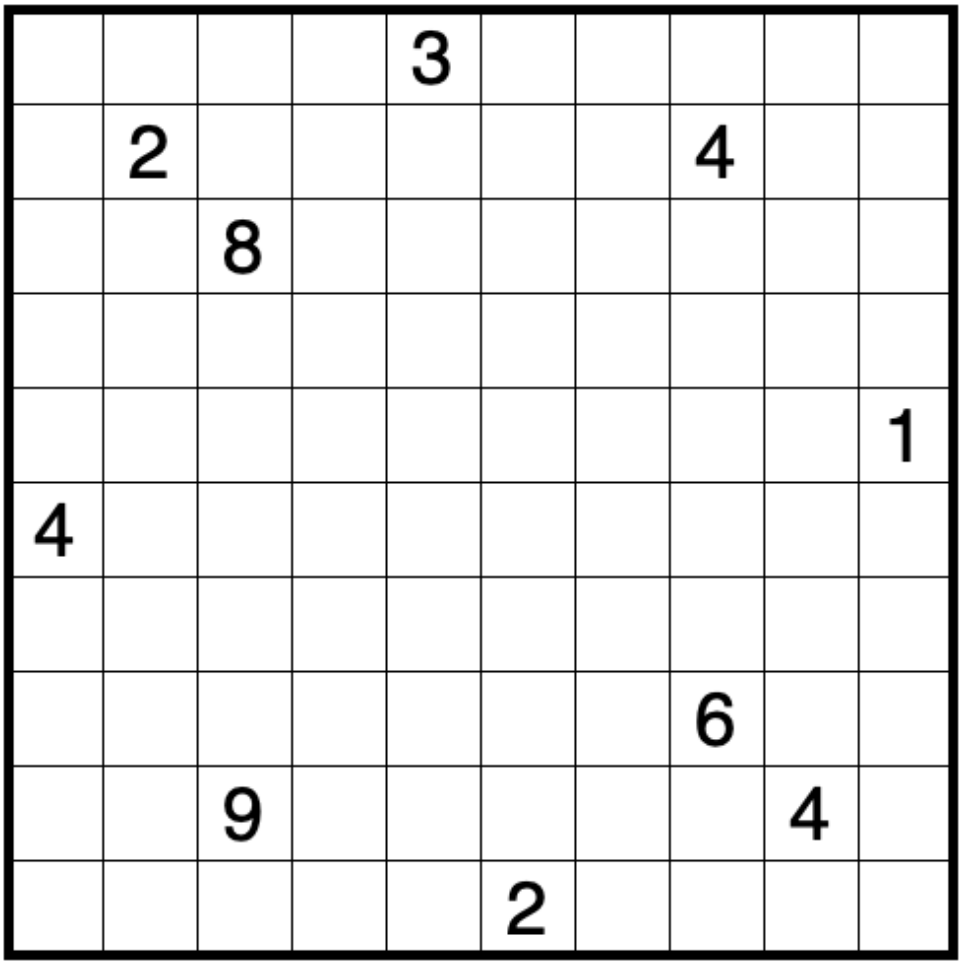
Rules: place digits (which all have to be from 1 to 9, no zeroes) in the white squares in the grid so that digits that see each other don't repeat. (But, digits can repeat within the same row or column, as long as there's a grey square in between them.) Each clue gives the sum of the digits that it sees in a straight line: a clue at the top right of its cell sees the line of digits to its right, up to the next grey cell; a clue at the bottom left of its cell sees the line of digits below it, up to the next grey cell.



Penpa: https://tinyurl.com/mt943wvr

Bonus Puzzle #3: Mochikoro
Sam Cappleman-Lynes

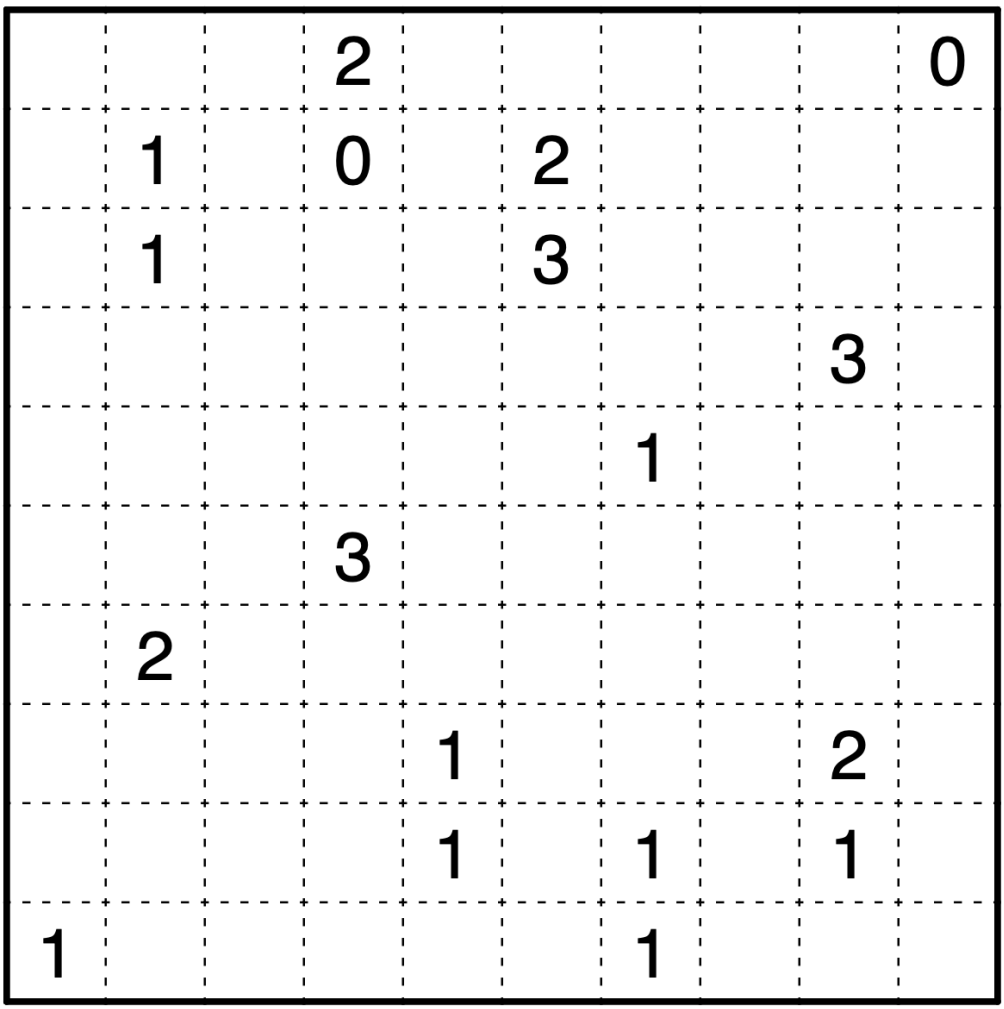
Rules: Shade some cells so that all areas of orthogonally connected unshaded cells are rectangular. The unshaded rectangles must all be connected diagonally. Clues cannot be shaded, and represent the number of cells in the unshaded area they belong to. An unshaded area of cells cannot contain more than one clue. No 2x2 region may be entirely shaded.



Puzzlink: https://tinyurl.com/2ys2r4xs

Bonus Puzzle #4: Wittgenstein Briquet
shye

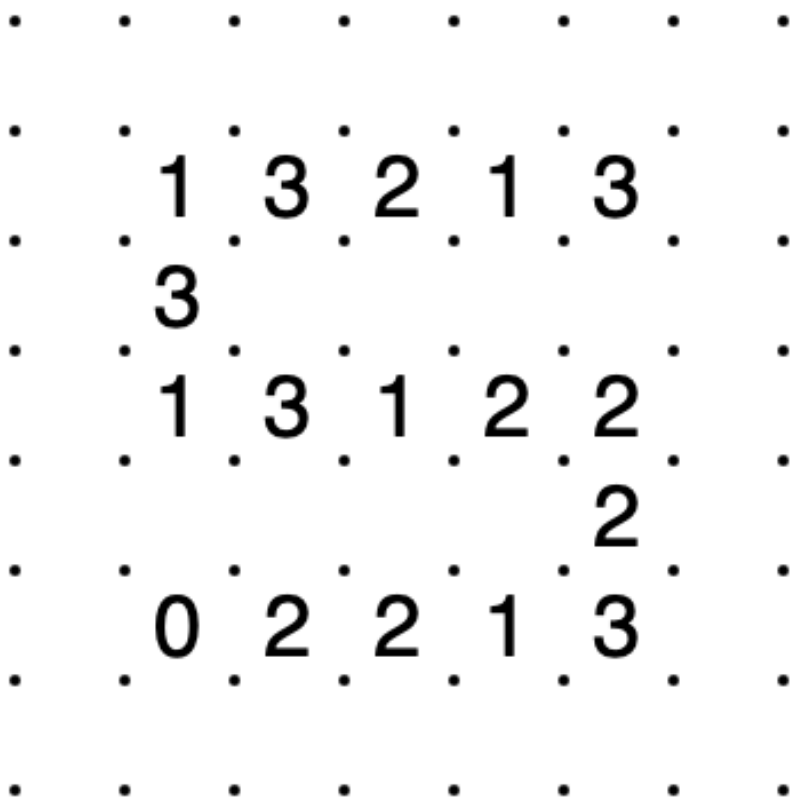
Rules: Locate some 1x3 blocks in the grid which may not overlap each other or the clues. A clue represents how many of the (up to) four surrounding cells are used by blocks. All cells which aren't used by blocks must form one orthogonally connected area.



Penpa: https://tinyurl.com/2p8swzkd

Bonus Puzzle #5: Slitherlink
jovi_al

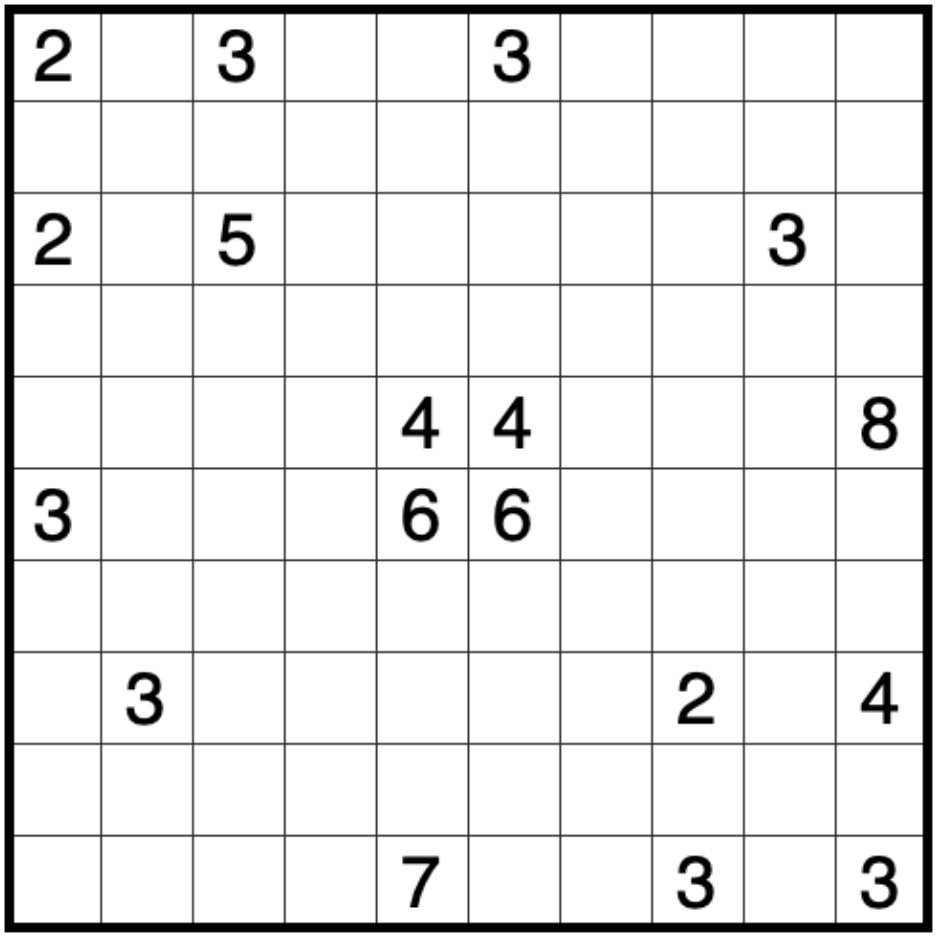
Rules: Connect some pairs of orthogonally adjacent dots to form a single non-intersecting loop. To be clear, all line segments are horizontal or vertical, *not* diagonal. Clues represent the number of edges drawn surrounding the clue (up to four).



Puzz.link: https://tinyurl.com/mstmfjds

Bonus Puzzle #6: Chocolate Banana
bakpao

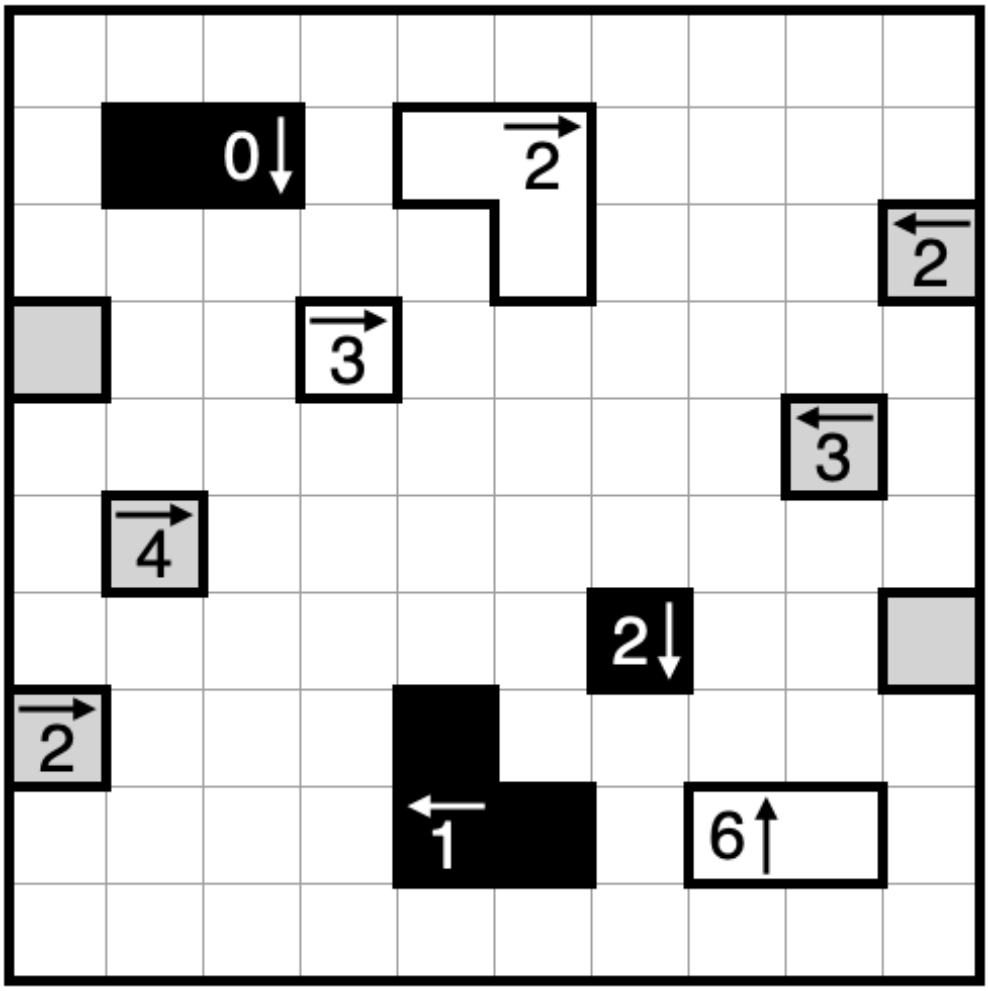
Rules: Shade some cells so that all areas of orthogonally connected shaded cells are rectangular and all areas of orthogonally connected unshaded cells are not rectangular. A clue represents the number of cells in its group of shaded/unshaded cells.



Puzz.link (pzprxs): https://tinyurl.com/2p8ekret
Penpa: https://tinyurl.com/2p9xrp97

Bonus Puzzle #7: Castle Wall
Tyrgannus

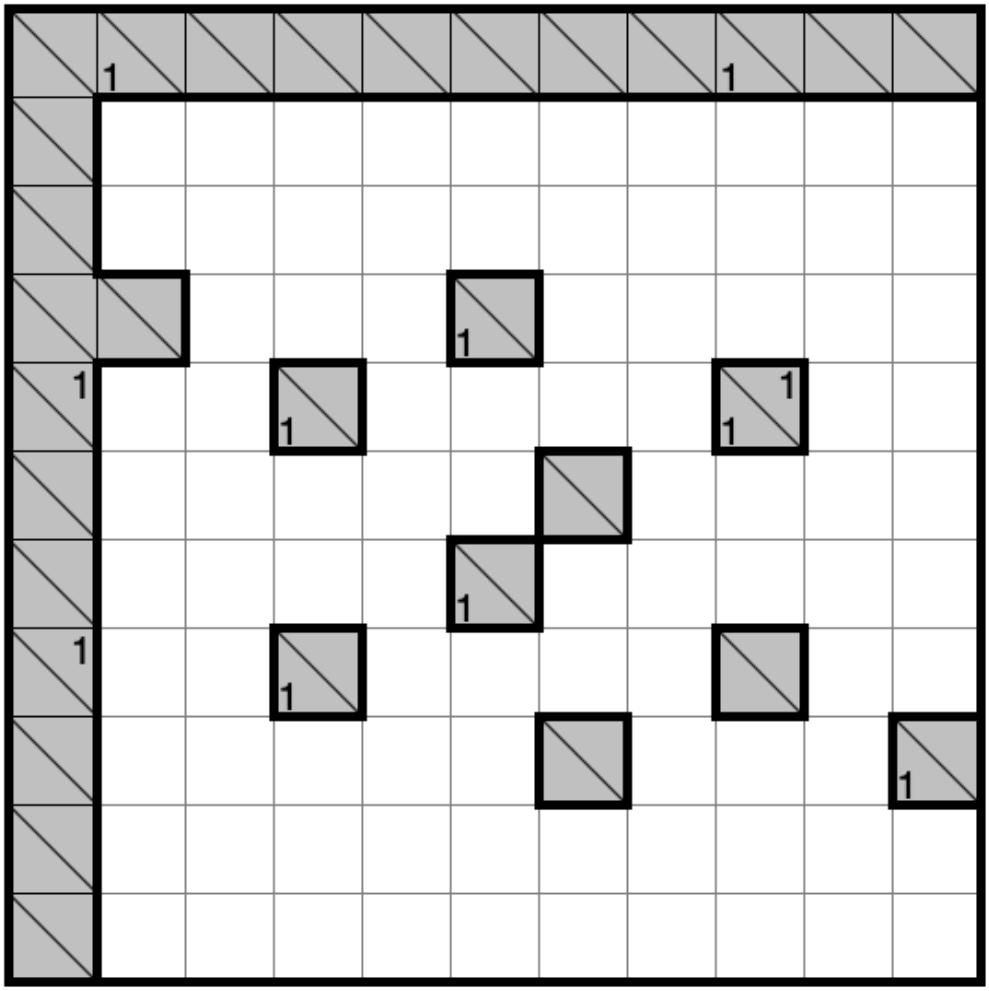
Rules: Draw a non-intersecting loop through the centers of some cells. The loop may not enter outlined cells or cells containing clues. White cells with outlines must lie inside the loop, while black cells with outlines must lie outside the loop. Grey cells may either be inside or outside the loop. A number represents the sum of the lengths of loop segments in the indicated direction.



Puzz.link: https://tinyurl.com/mrbactr3

Bonus Puzzle #8: Tri-place
Freddie Hand

Rules: Divide the grid into regions of three orthogonally connected cells. A clue on the bottom of a blocked cell represents the number of rectangular regions in the vertical line below it. A clue on the right side of a blocked cell represents the number of rectangular regions in the horizontal line to its right. (This is analogous to how the clue directions work in Kakuro). *Clues cannot see regions through other blocked cells.*

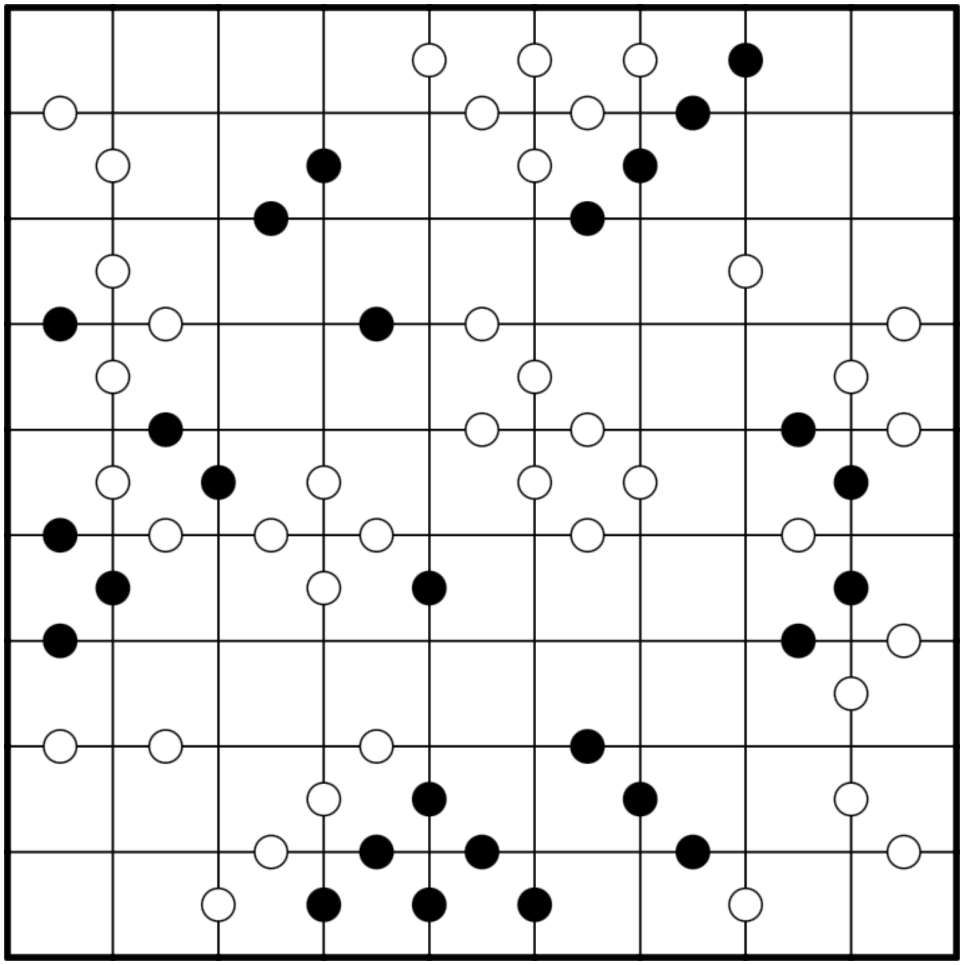


Puzz.link: https://tinyurl.com/2p8d72v2

Need a hint to get going on this one? (Rot13) fgneg ng gur gbc yrsg

Bonus Puzzle #9: Kropki
Philip Newman

Rules: Place numbers in the grid where each cell in each row and column is a different number. Numbers used are from 1 to the length of the rows and columns (1 - 9 for this puzzle). Cells separated by a white dot contain consecutive digits whereas cells separated by a black dot contain digits with a 1:2 ratio. **All kropki (dots) are given, meaning that there IS a negative constraint.**



F-puzzles: https://f-puzzles.com/?id=y76fo2hv

DATE	GENRE	SLOTH TIME	CRAB TIME
January 1st, 2022	Yosenabe (supersized)	2:02	6:47
January 2nd, 2022	Fillomino	1:45	6:00
January 3rd, 2022	Dutch Loop	4:00	10:00
January 4th, 2022	Shakashaka	2:00	6:00
January 5th, 2022	Disco	2:30	7:00
January 6th, 2022	Kakuro	3:00	7:00
January 7th, 2022	Tapa	2:00	4:30
January 8th, 2022	Nurikabe (supersized)	4:00	9:00
January 9th, 2022	Chocolate Banana	3:00	7:00
January 10th, 2022	Milk Tea	1:20	3:00
January 11th, 2022	Chained Block	2:50	7:30
January 12th, 2022	Mejilink	1:20	4:00
January 13th, 2022	Norinori	1:25	3:35
January 14th, 2022	Fillomino	3:00	7:00
January 15th, 2022	Akari (supersized)	1:30	4:00
January 16th, 2022	Taj Mahal	3:00	7:20
January 17th, 2022	Pipelink	1:30	5:30
January 18th, 2022	Kin-Kon-Kan	1:40	4:20
January 19th, 2022	TomTom	3:00	7:00
January 20th, 2022	Haisu	2:10	4:30
January 21st, 2022	Mochikoro	2:00	6:00

DATE	GENRE	SLOTH TIME	CRAB TIME
January 22nd, 2022	Masyu (supersized)	4:30	11:00
January 23rd, 2022	Putteria	2:15	6:25
January 24th, 2022	Nuribou	2:45	7:00
January 25th, 2022	Disorderly Loop	1:45	4:15
January 26th, 2022	Tatamibari	2:30	6:15
January 27th, 2022	Balance Loop	2:00	5:30
January 28th, 2022	Aquarium	1:45	5:00
January 29th, 2022	Tasquare (supersized)	3:15	7:00
January 30th, 2022	Wittgenstein Briquet	1:45	4:45
January 31st, 2022	Hitori	1:23	3:45