

Mind The GAPP Vol. 15

Genuinely Approachable Pencil Puzzles from the CtC Discord

January 1, 2023 - January 31, 2023

Hi GAPPers!!

Counting down the year feels like yesterday, but we're already a month into 2023 and time is still ticking one second per second, and it doesn't really look like it's going to slow down anytime soon. That's a weird thought: would we even notice if the rate of passing time changes? Like, think about it for a second, what if instead of one second per second, half a second passed per second?! What would that feel like? Would we still perceive in units of seconds in the second part of that phrase, i.e. "per second"? Wait.. Second part is a second... Hold on one second... If a second is two times half a second, should we call half a second a first? 🤯

I need a minute...

Okay.. Let's continue that wild showerthought. If a first is what we would perceive as a second, are we actually perceiving a first? Wouldn't we still be perceiving a second, but in the previous unaltered frame of perceiving, it would have been a first, but it is still a second. Alternatively, if what we're perceiving is a first in a second, is it about us or what's the reference of the second now being first? Who feels the first second first? Who realises that the first first second is perceived?

Anyway, that... whatever that was aside, we hope you enjoyed this month as it was a month very heavy on new genres! As we present you with this printable document containing January's puzzles, we made sure to include bonus puzzles (such is the tradition) at the end. Those are a little more advanced, and we hope you enjoy solving them. If anyone needs help about any bonus puzzles, feel free to ping me on the discussion channel or send a private message - I will make sure to do my best to help unstick you.

With love from team GAPP (and daddypao),

-riri pebbly

January 1, 2023: Sum Connection

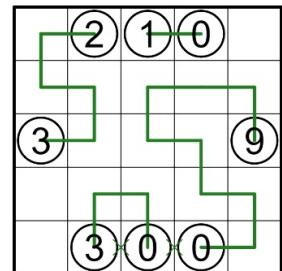
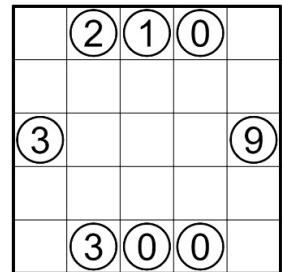
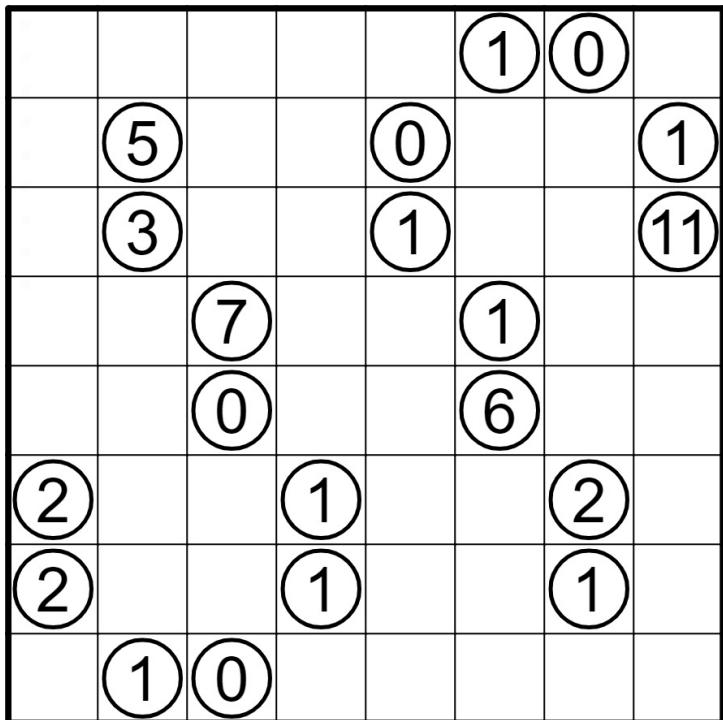
Eric Fox

Happy New Year everybody! 🎉 💥

For this intro, I'd like to draw *some connection* between the occasion and today's genre, but I can't seem to come up with one... Oh wait.

Enjoy this **Sum Connection** :)

Rules: Draw paths through the centers of cells connecting each number to exactly one other. Paths may not cross each other or themselves. The length of a path must equal the sum of the numbers it connects.



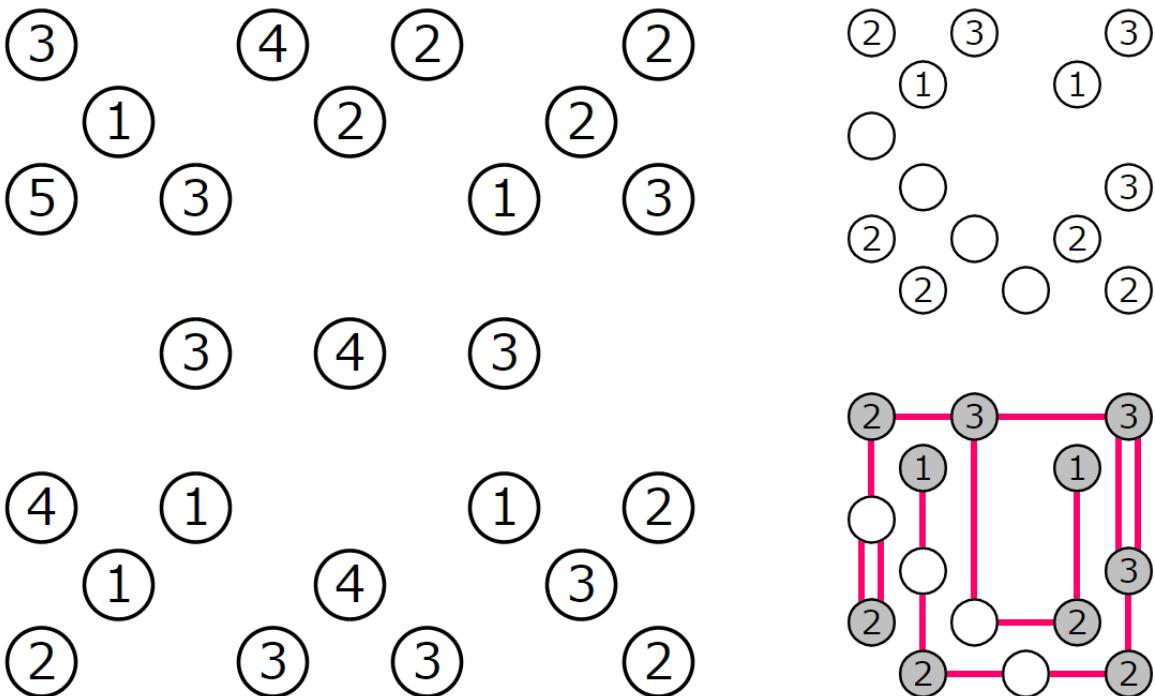
Example (Penpa+): <https://tinyurl.com/2lukczsl>
GAPP (Penpa+): <https://tinyurl.com/2z6kfhwa>

January 2, 2023: Hashiwokakero

shye

Ironic that my **Hashi** that I have for you today, a puzzle all about connections, is being posted while having internet connection issues... >_> I made this one as a backup for myself for the coming holidays in case i needed some extra time as a break, and its proven to be useful! The Puzzling Gods really don't want to make it easy on me to post lately 🧑‍🎨📏

Rules: Connect pairs of circles horizontally or vertically so that all circles form one connected network. Connections may not cross one another, and any pair of circles may have at most two connections between them. Numbers in circles represent the amount of connections extending from them.



Example (Puzz.link): <https://tinyurl.com/395z9ffr>

GAPP (Puzz.link): <https://tinyurl.com/239ephwu>

January 3, 2023: Sukoro

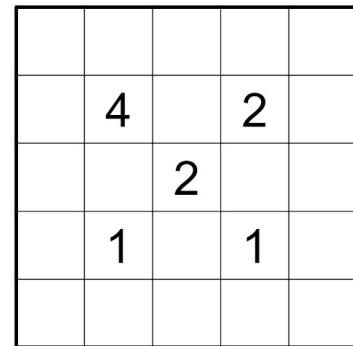
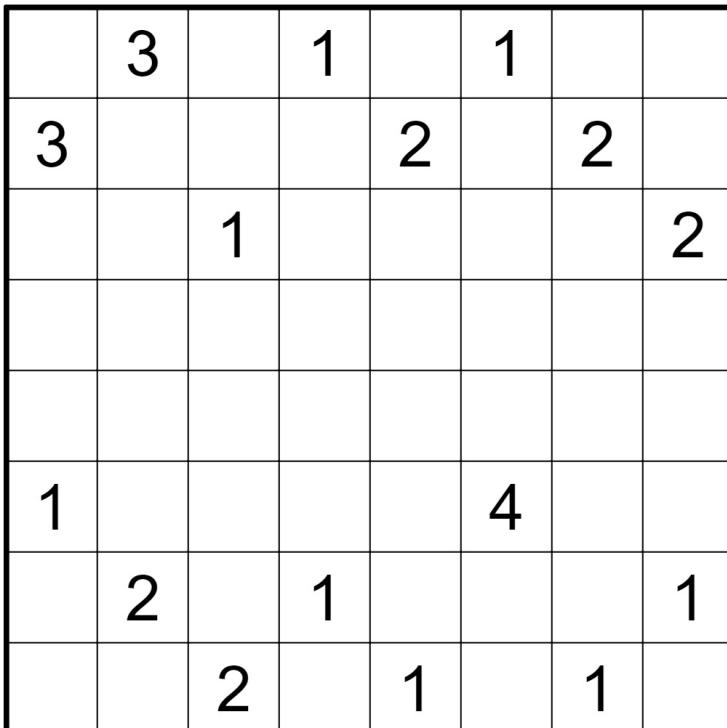
jovi_al

Hi everyone! Today's puzzle is a **Sukoro**, a number placement genre that we haven't covered in GAPP for quite some time!...

...Despite it *officially* being a number placement genre, I've found it very helpful to consider it as something closer to a shading genre! Regardless, I hope you find today's puzzle fun! Answer check will trigger on numbers and disregards shading, so feel free to use whatever combinations of colors you'd like (or none at all)!

Rules: Place a number into some cells so that all cells with numbers form one orthogonally connected area. Numbers represent how many of the (up to) four orthogonally adjacent cells contain numbers. No two orthogonally adjacent cells may contain the same number.

(Side note: It took me about two minutes to read this bird as `shear+tail` and not `s+heart+tail`. Then when I realized, I laughed and knew it had to be today's bird.)



Example (Penpa+): <https://tinyurl.com/2p5u3xmy>

GAPP (Penpa+): <https://tinyurl.com/2gexjuqd>

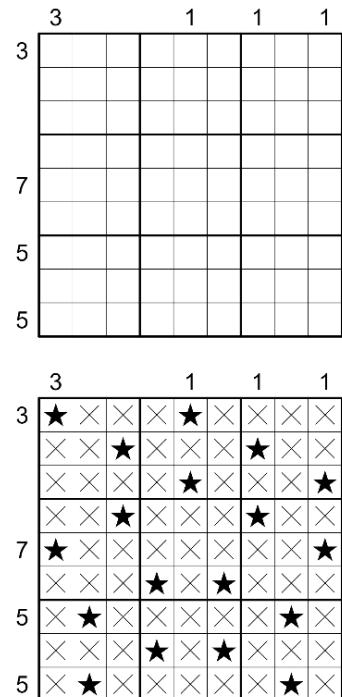
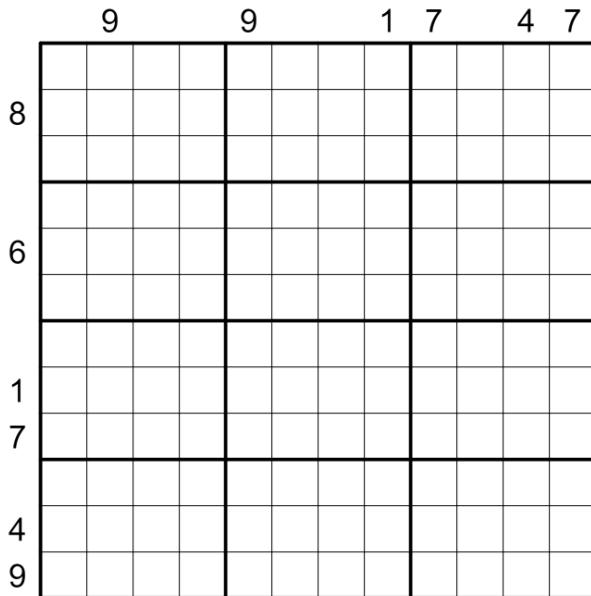
January 4, 2023: Star Battle (Gaps)

Tyrgannus

So, as many of you know, I'm a big fan of squiggly regions. A lion's share of the odd shaped regions in GAPP were by me. They speak to me on a personal level. But today I'm going to throw you a bit of a curve ball. I'm going to have a main genre that **ALWAYS** has funny regions, but with a variant that makes it so that you don't have to use squiggly regions. I took the squiggle out of a squiggly genre!

Rules: Place stars into some cells such that each row, column, and outlined region contains exactly 2 stars. Stars may not touch one another, not even diagonally. A clue outside the grid indicates the number of empty cells located between the two stars in the corresponding row or column.

I'm a purist myself, so default setting is on star battle mode. However, it was brought to my attention that surface might be more accessible on mobile. As such, answer check should work if you place stars or if you place grey shades.



Example (Penpa+): <https://tinyurl.com/exym2zny>

GAPP (Penpa+): <https://tinyurl.com/5km3kfbx>

January 5, 2023: Touch Slitherlink

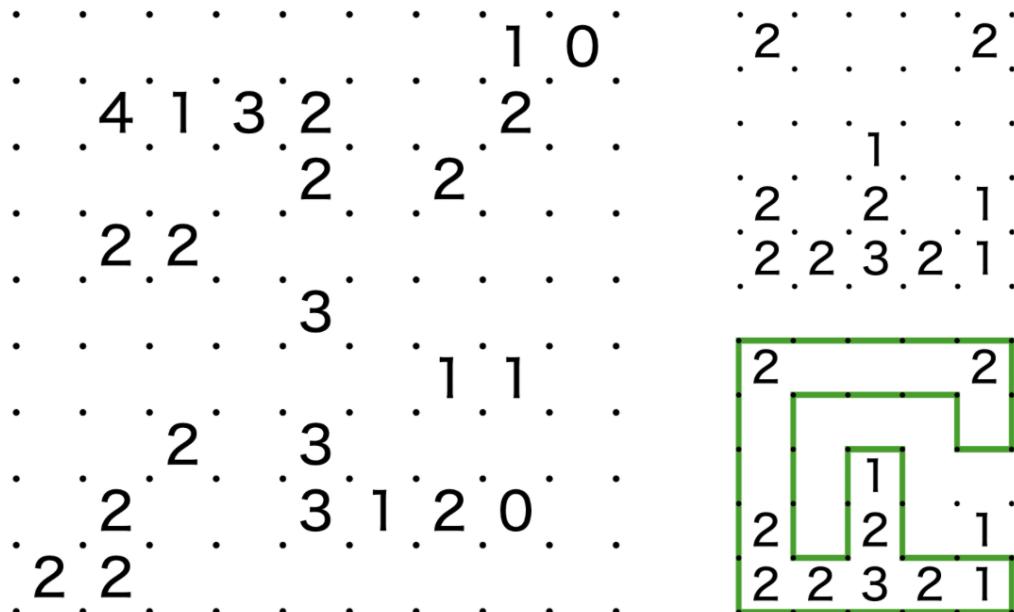
Freddie Hand

Once again I find myself in a festive quandary. Is Twelfth Night today or tomorrow? In any case I wasn't separated from a twin sister by a shipwreck, and I'm pretty sure Eric wasn't either. Except that's what I would say if I were pretending to be a man. 

Unrelated, here is a **Touch Slitherlink**. And just to check, you don't see 🚨 in the example solution, do you? You don't see 🚨 in the example solution, do you? :concerned padmé face:

Rules: Connect some pairs of orthogonally adjacent dots to form a single non-intersecting loop. A clue represents the number of times the loop visits the group of vertices adjacent to the clue. (Note that this is **not** the same as the total number of vertices adjacent to the clue that are visited!)

Hint: (rot13) Ab 3'f va gur pbearef nyybjrq va guvf inevnag, ohg jung pna lbh fnl nobhg n 2 va gur pbeare?



Example (Puzz.link): <https://tinyurl.com/yeynxrf>

GAPP (Puzz.link): <https://tinyurl.com/mr34svyf>

January 6, 2023: Sea Serpent

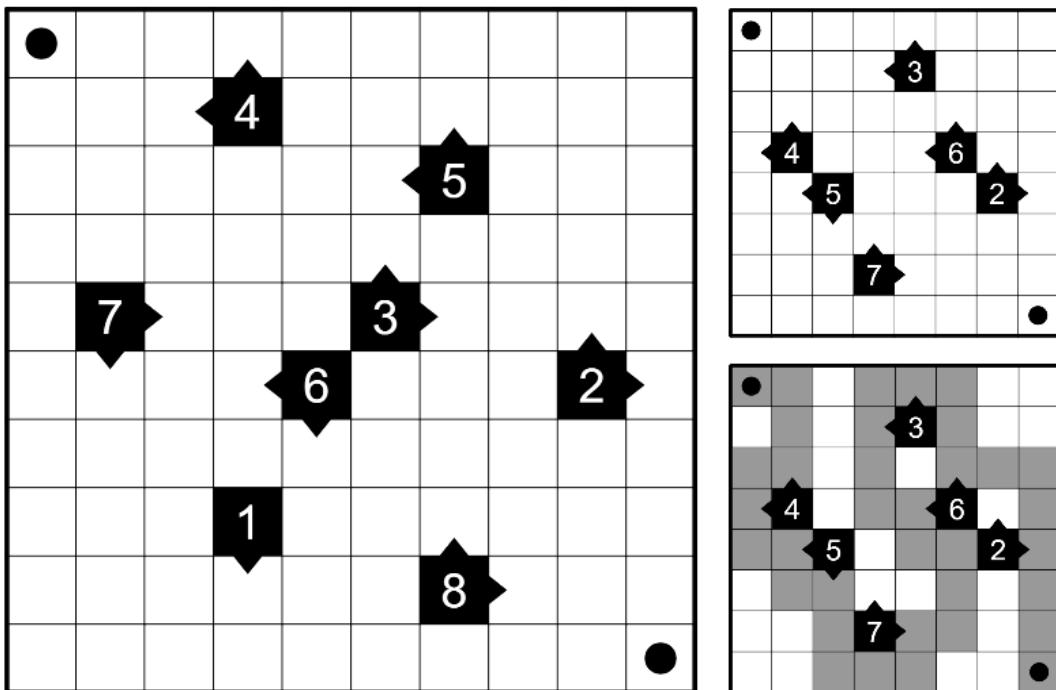
bakpao

Thanks for your patience as today's puzzle is a bit later than usual. It's time for another baklog puzzle!

Today's GAPP is a variant of Snake: **Sea Serpent!**

Rules: Shade some cells to form a non-intersecting path which does not touch itself orthogonally. Circles mark the ends of the path. Clues cannot be shaded, and represent the total number of shaded cells that appear in the indicated directions.

⚠ **Important reminders:** In this variant, the snake is allowed to touch itself diagonally. Also, clues see through other clues. Note that the 6 clue in the example puzzle also sees r4c1. Lastly, shaded cells aren't necessarily required to appear in all directions a clue points towards (i.e. if a clue has an up and left arrow, it is allowed to satisfy the clue by only having shaded cells above it and none to the left).



Example (Penpa+): <https://tinyurl.com/2o5oc3hy>

GAPP (Penpa+): <https://tinyurl.com/2hqqeju>

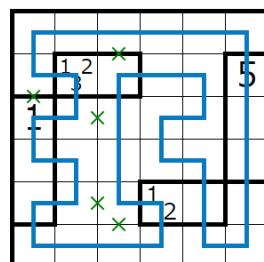
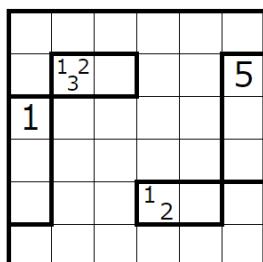
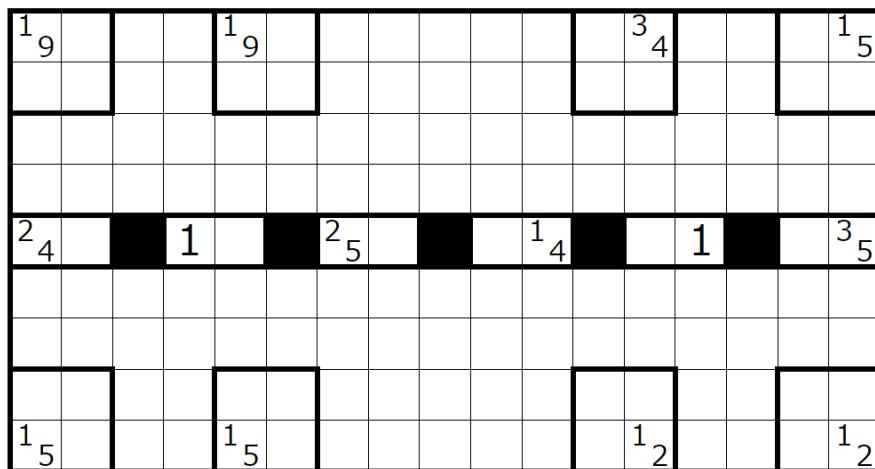
January 7, 2023: Rail Pool (Supersized)

shye

It's the first **Supersized Saturday** of the year! 🎉 What are the chances, I got the first one of last year too. With so many genres now covered in GAPP, it's gotten to the point where it's hard to decide what to enlarge next, so I went with a request. It's a genre Prasanna Seshadri will be happy to see more of, we're revisiting **Rail Pool** today! 🚂🎱

And as a side note, for Philip Newman slandering us the other day: The US Dinosaur Day is June 1st, care to tell why that wasn't mentioned by you guys last year?

Rules: Draw a non-intersecting loop through the centers of all empty cells. Clues represent the different lengths of all the straight line segments that are at least partially contained within the region. Each number within a region must be represented by at least one line segment.



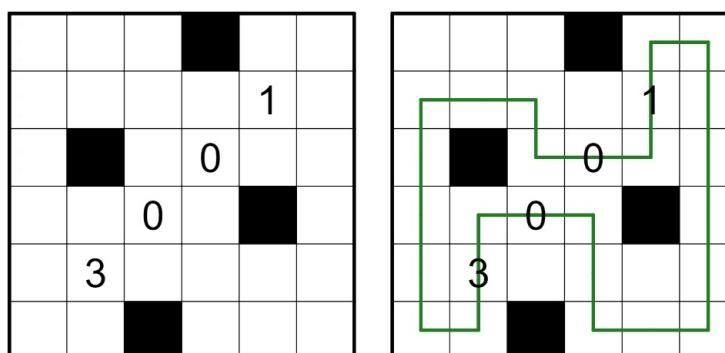
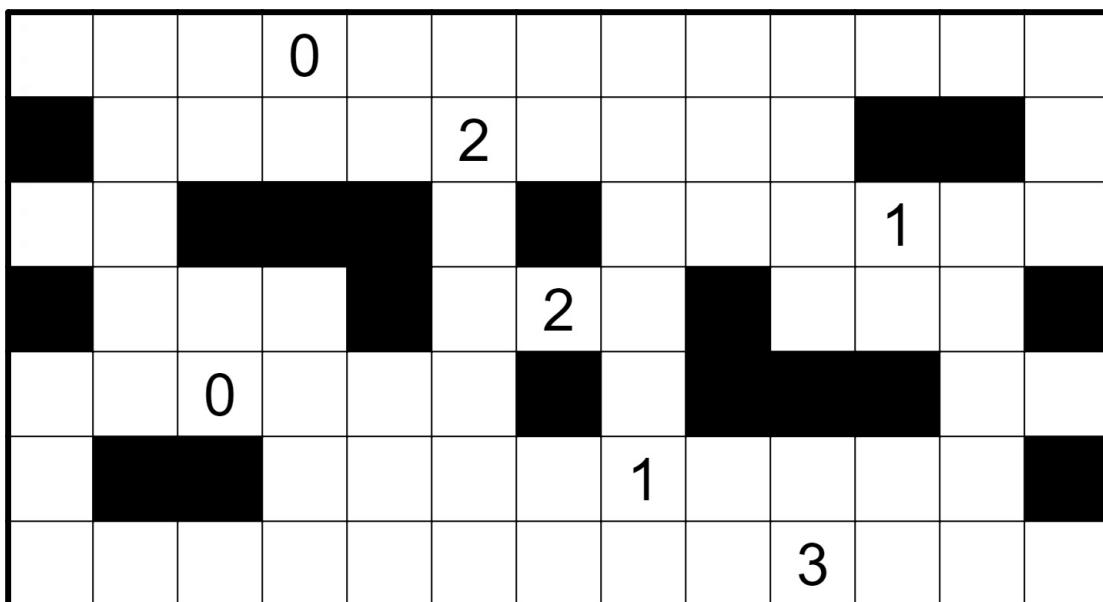
Example (Puzz.link): <https://tinyurl.com/2p9s2ast>
GAPP (Puzz.link): <https://tinyurl.com/266nj34h>

January 8, 2023: Parrot Loop

Eric Fox

This genre is a very new one, invented last month by Zachary Talis: **Parrot Loop**. Can you puzzle your way through this challenge all about parallel lines? ||

Rules: Draw a non-intersecting loop through the centers of some cells. The loop may not go through black cells, and must pass straight through cells with numbers. A number indicates how many other cells in the same row (in the case of a vertical line) or column (in the case of a horizontal line) contain a straight line parallel to the one in the numbered cell.



Example (): <https://tinyurl.com/2gp3rbdn>

GAPP (): <https://tinyurl.com/2es2pmtu>

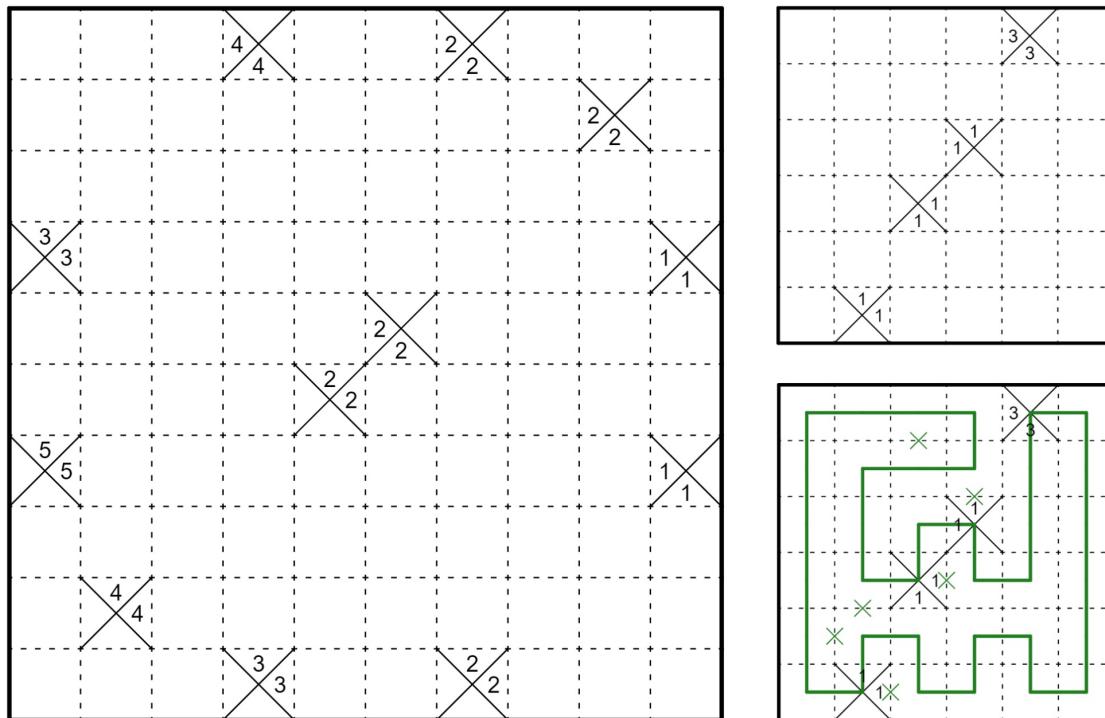
January 9, 2023: Mukkonn Enn (a.k.a Four Directions Loop)

jovi _ al

On Saturday we had Prasanna Seshadri's current obsession featured in GAPP-- *Rail Poo!* Today we have one of his original genres, **Mukkonn Enn** (also known as **Four Directions Loop**)!

Rules: Draw a single, non-intersecting loop that moves orthogonally through the centers of all cells, including clue cells. Each clue cell is divided into four sections. If a number is present in a section and the loop travels in that direction, then the number represents the length of the straight loop segment in that direction, measured from the clue cell to the cell where the loop turns. If the loop does not travel in that direction, then the number means nothing.

PLEASE NOTE that the segment length is measured by *clue cell to the cell where the loop turns*, NOT *clue cell until the next clue* NOR *turn until next turn*-- this rule seems to be a common assumption, so hopefully this makes it extra clear (issues with this exact rule were had on both *Shingoki* and *Balance Loop* in the past, and probably more).



Example (Penpa+): <https://tinyurl.com/2gyyevg7>

GAPP (Penpa+): <https://tinyurl.com/2husspd9>

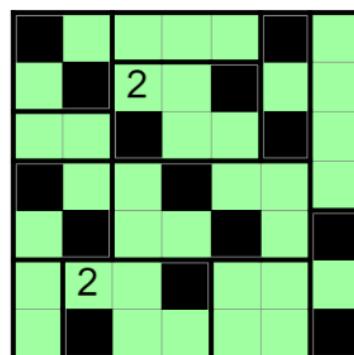
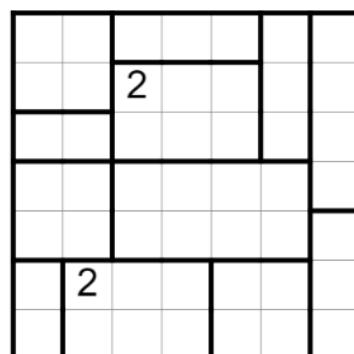
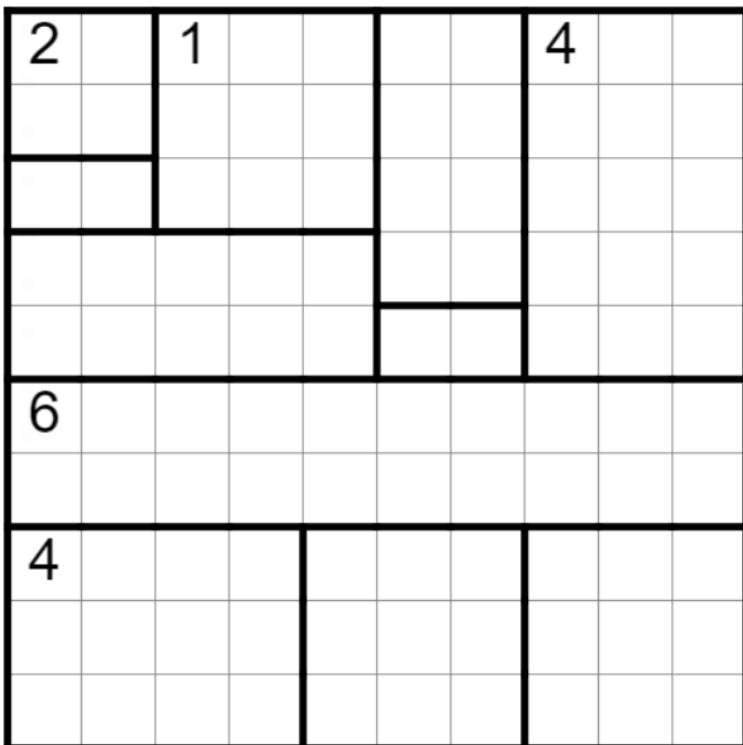
January 10, 2023: Ayeheya

Tyrgannus

Sometimes we draft puzzles that don't pass approval because they're deemed too difficult. If we've covered the genre before, it's no problem since we have been known to include in that month's Mind the Gapp document. I, unfortunately, made multiple too difficult puzzles in a genre totally new for GAPP. There's my backstory on why you're getting this repeat genre from me, but in the end it all works out. Now both setters who have made main gapps with this ruleset have two a piece which is oddly thematic for the genre.

Rules: Shade some cells so that no two shaded cells are orthogonally adjacent and the remaining unshaded cells form one orthogonally connected area. Numbered regions must contain the indicated amount of shaded cells. A line of consecutive unshaded cells may not cross more than one bold border.

Variant: The shaded cells within a region must have 180° rotational symmetry around the region's center.



Example (Puzz.link): <https://tinyurl.com/yc6x4wzk>

GAPP (Puzz.link): <https://tinyurl.com/32nkfxsk>

January 11, 2023: Ichimaga

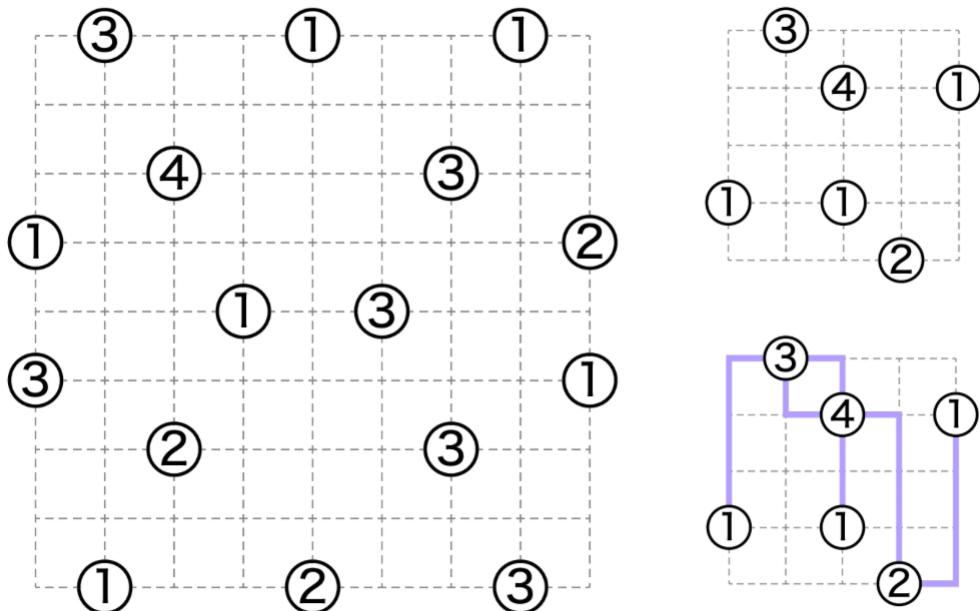
Freddie Hand

Thanks to ChatGPT for this intro. (Not so much thanks for the rest of the intro where I was fed a description of the nonogram ruleset)

Ichimaga puzzles can vary in difficulty, from relatively simple to quite challenging. They are a fun and engaging way to flex your brainpower and improve your problem-solving skills. Whether you're a seasoned puzzle solver or new to the game, we hope you'll enjoy working through our ichimaga puzzles. Give it a try and see how you do!

Rules: Draw paths along the grid lines connecting pairs of circles such that *all circles form one connected network*. Paths may not cross each other or themselves, and a path may not turn more than once. A number in a circle indicates how many paths are connected to it.

⚠ Note ⚠: Pay careful attention to the fact that **all** circles must be connected in a single network!



Example (Puzz.link): <https://tinyurl.com/4u9bcupd>

GAPP (Puzz.link): <https://tinyurl.com/3e8a8j3c>

January 12, 2023: Catloop

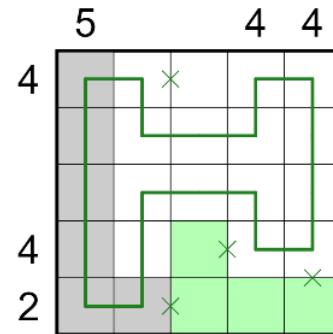
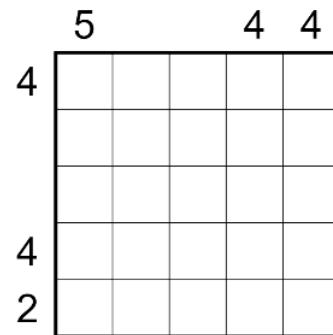
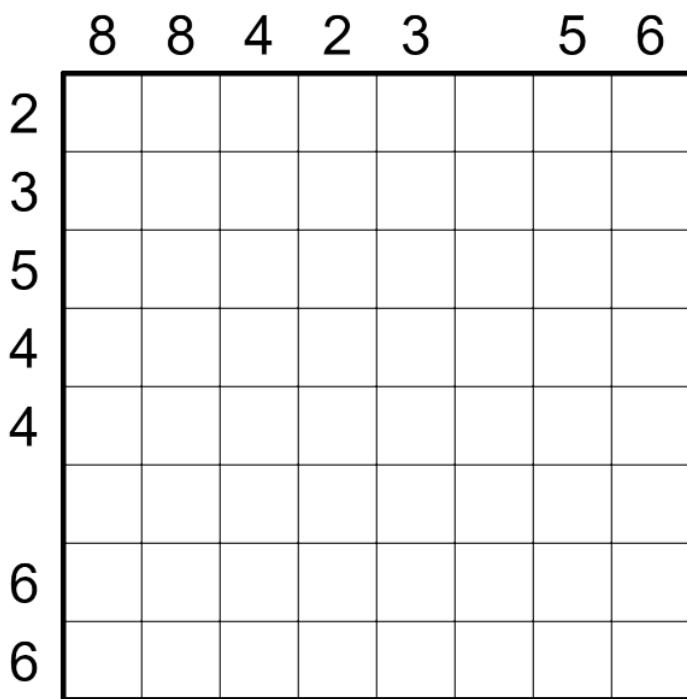
Tyrgannus

I'm back already! I missed multiple posts in December due to computer issues and the rest of the team picked up the slack. In return, I volunteered to cover for a setter today. Balance! Well, today is not a balance loop. Well, it is a loop. It also is named after an animal that has quite good balance 😊

Today's GAPP is a **Catloop!**🐱

Rules: Draw a non-intersecting loop through the centers of some cells. A clue outside the grid indicates how many cells are used by the loop in the corresponding row or column.

Line is the only thing checked on answer check. Shading can be used to help visualize if you want but it is not necessary for the solve (nor will it cause a problem for answer check).



Example (Penpa+): <https://tinyurl.com/3fycm4se>
GAPP (Penpa+): <https://tinyurl.com/2t2c4vh>

January 13, 2023: Lohkous

Lavaloid

Today I'm substituting for shye,
So I have a chance to say "hi".
Because I joined of late,
as a GAPP tester, mate,
I hope you enjoy this one. Bye!

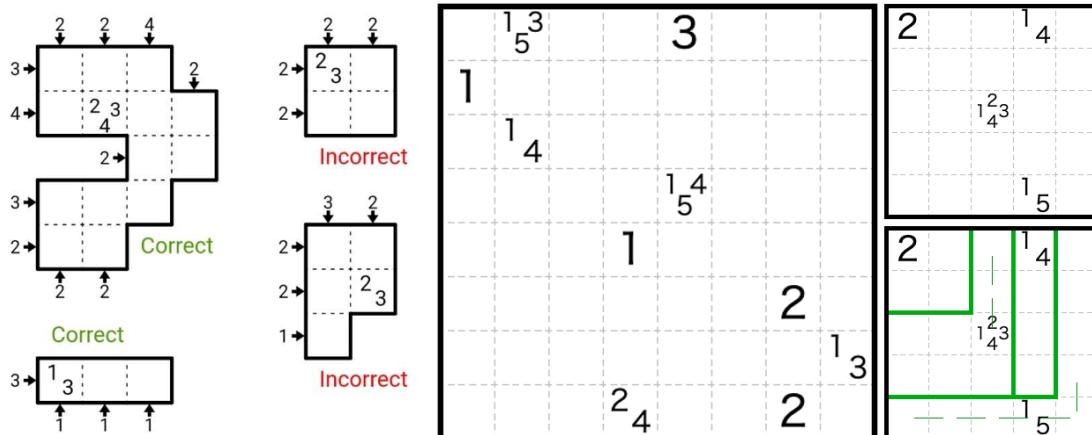
Today's GAPP is a **Lohkous**, a genre created by Hempuli. Here are the rules:

Rules: Divide the grid into regions along dotted lines such that each region contains exactly one clued cell. When dividing a region into rows or columns, each continuous segment length must be represented by one of the numbers. **Each number in the clue must be represented by at least one segment length.**

A question mark may be replaced with any number, as long as all numbers in a cell are of unique values. (This rule is not used in the example or main puzzle.)

This genre may be quite confusing, so I've included some examples in the image. If you're stuck, the following hint might help:

GAPP 101: (rot13) Nyy fvatyr-ahzorerq pyhrf zhfg or fdhnerf. To prove this, Pbafvqre jung unccraf jura lbh rkgraq gur pryyf va gur gbc ebj bs gur ertvba qbjajneqf.



Example (Puzz.link): <https://tinyurl.com/49c75z4c>

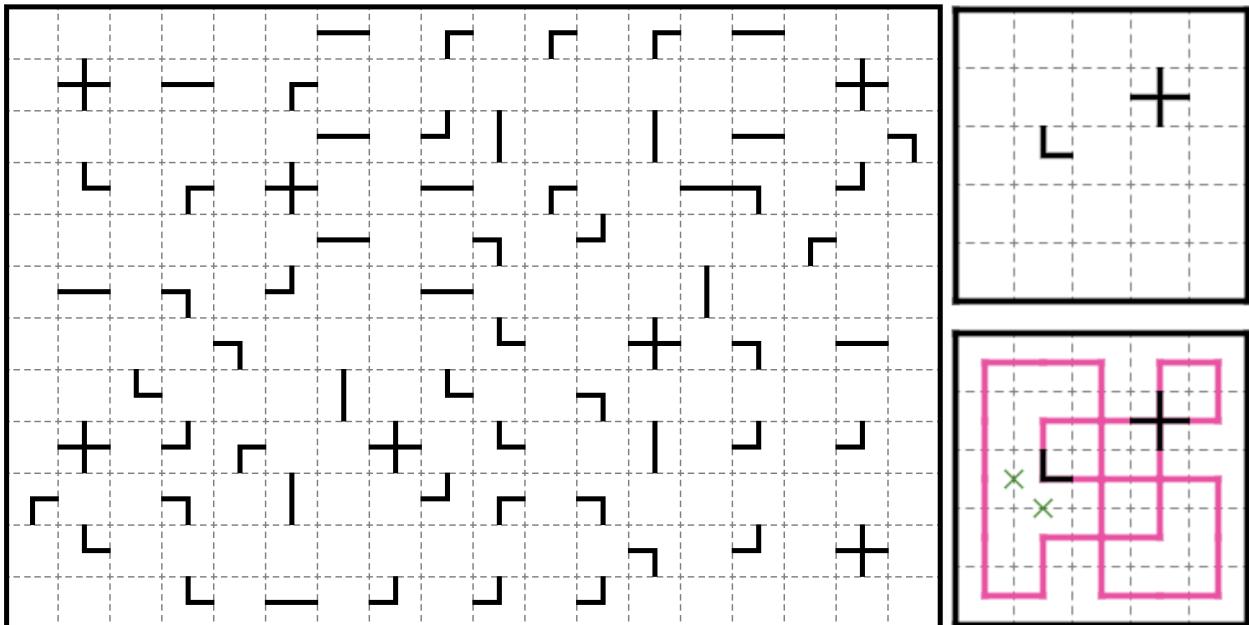
GAPP (Puzz.link): <https://tinyurl.com/y2yswsz7>

January 14, 2023: Pipelink (Supersized)

jovi_al

Hello everyone! *Big* spinny spin loopy loop crossy cross loop spinny spin. Spin, loop loop spin loopy spin. Loop loop crossy cross spin. It's a **Pipelink!** ***The "Color each line" feature is essentially mandatory to solve this.*** Enjoy!

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.



Example (Puzz.link): <https://tinyurl.com/s8vv4csh>

GAPP (Puzz.link): <https://tinyurl.com/3b6f33nd>

January 15, 2023: Box (a.k.a. Kakurasu)

Tyrgannus

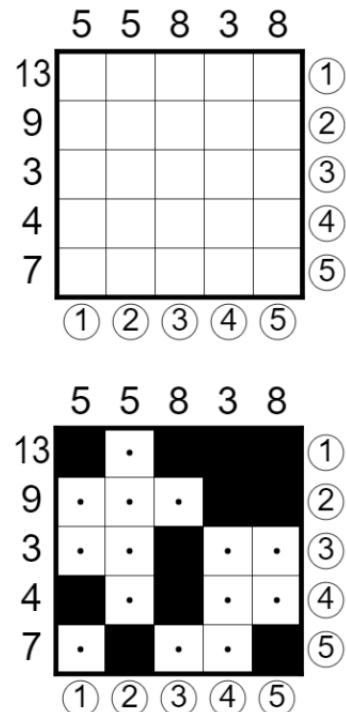
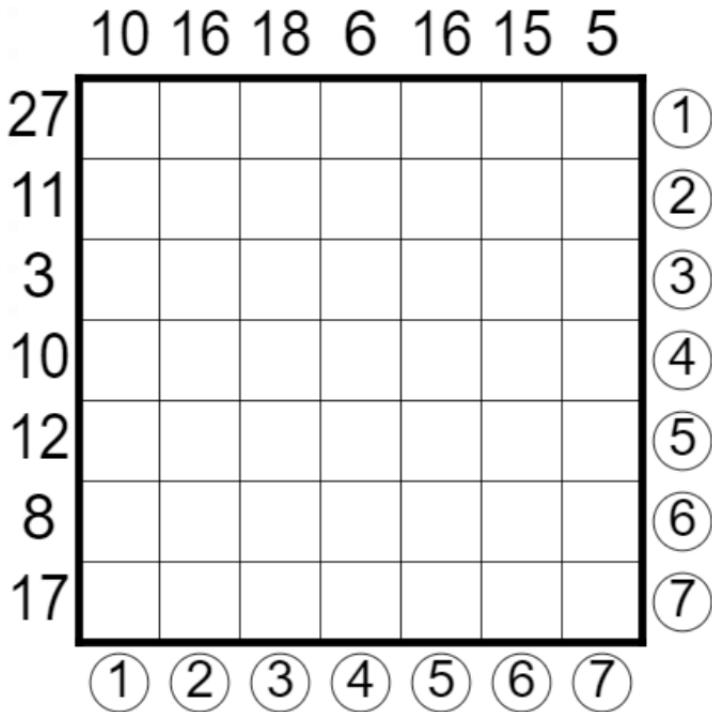
Third post in the span of a week woo! No worries, I'm not expecting to have another for five days 😅 Today we're going to do the only thing more dreaded than counting...

Adding! 🦸‍♂️

Today is a puzzle with simple enough rules but tasty logical potential. While technically a shading puzzle by nature, you may find some of the deductions familiar from some number place genres. Put on your thinking caps, because...

Today's GAPP is a **Box** aka **Kakurasu**!

Rules: Shade some cells such that each clue outside a row represents the sum of the column numbers in which the row contains shaded cells and each clue outside a column represents the sum of the row numbers in which the column contains shaded cells.



Example (Puzz.link): <https://tinyurl.com/3fu6mkcu>

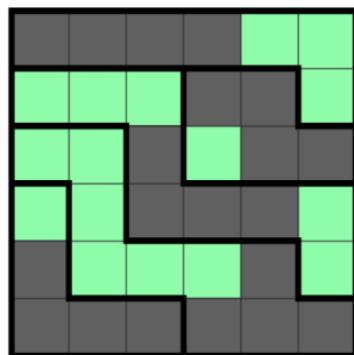
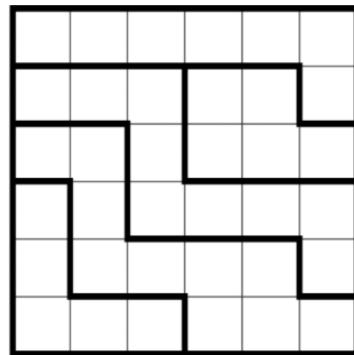
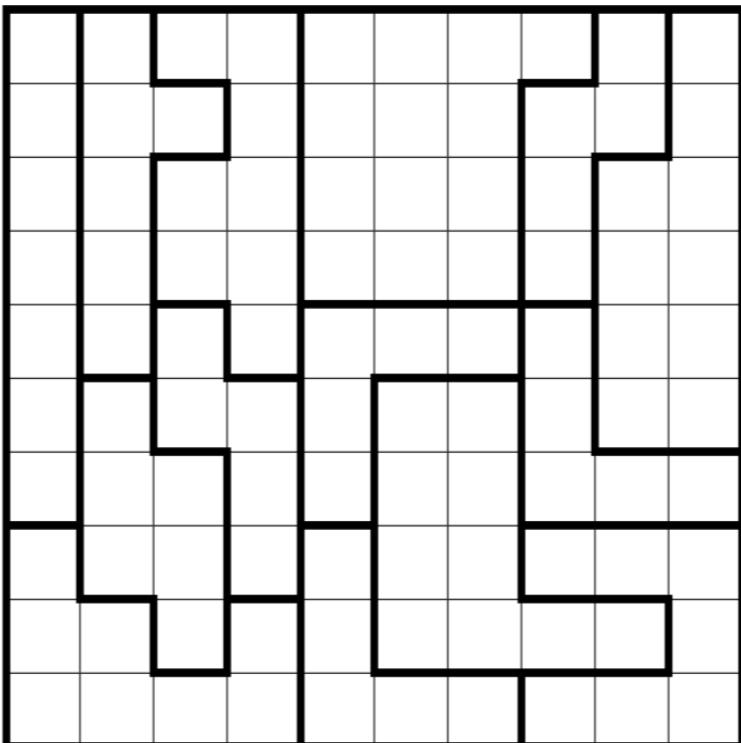
GAPP (Puzz.link): <https://tinyurl.com/5pc4v7js>

January 16, 2023: LITS

Freddie Hand

In this day and age, staying connected online is crucial. And staying connected also might be useful in this LITS puzzle.

Rules: Shade one tetromino of cells in each region so that all shaded cells form one orthogonally connected area. Two tetrominoes of the same shape may not share a bold border, counting rotations and reflections as the same. No 2x2 region may be entirely shaded.



Example (Puzz.link): <https://tinyurl.com/4pzu52as>

GAPP (Puzz.link): <https://tinyurl.com/39zhzkuy>

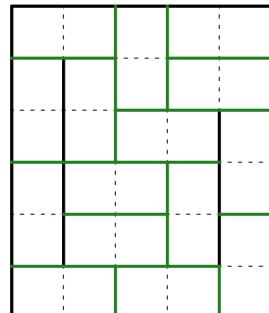
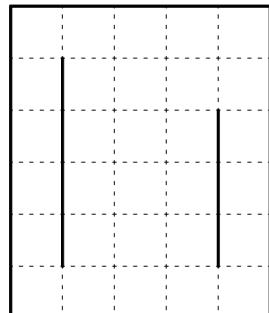
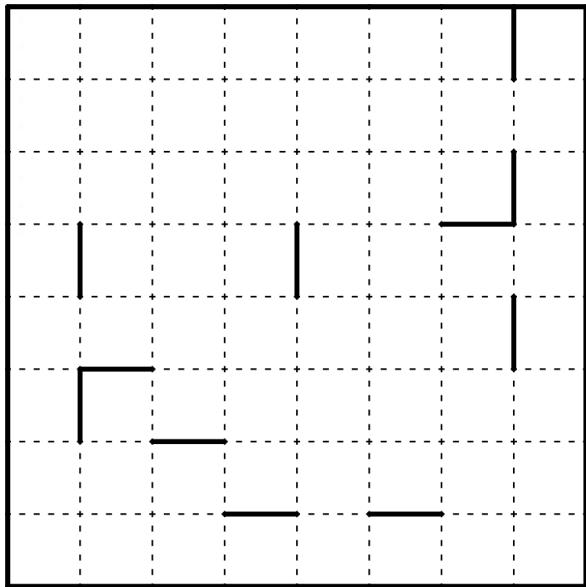
January 17, 2023: Bricklayer

Eric Fox

Hello everyone! Today we have a genre created by @Jordyn a while back which I think leads to fun casual puzzles which flow like a river 

This is **Bricklayer!** 

Rules: Divide the grid into two-cell regions. Borders must separate two different regions. There may not exist a line of borders from one edge of the grid straight to the opposite edge.



Example (Penpa+): <https://tinyurl.com/2jd5mgrg>
GAPP (Penpa+): <https://tinyurl.com/2mzm58fs>

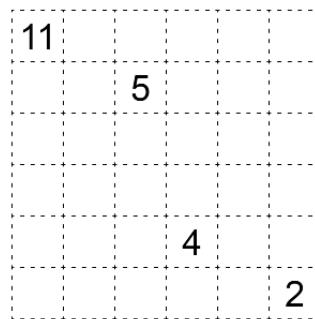
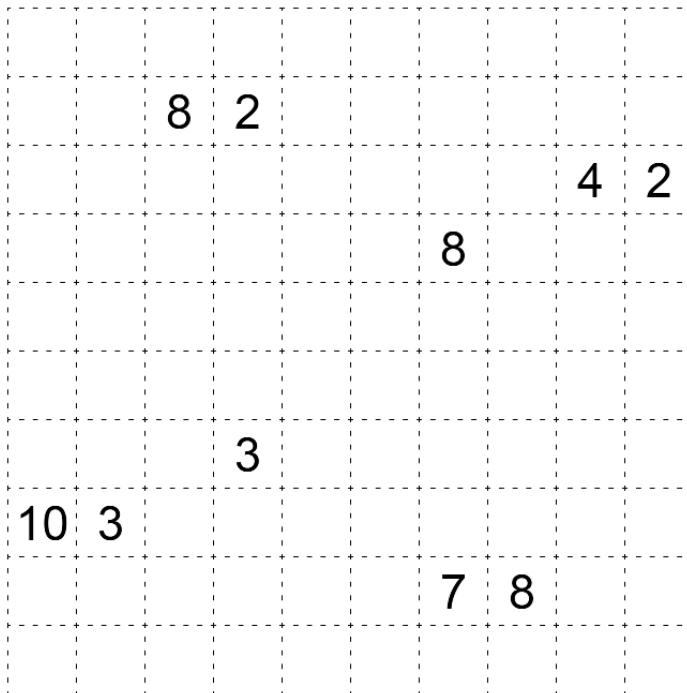
January 18, 2023: City Space

shye

I'm off to the big city Ma, this country life ain't for me! I belong in the bustling streets, I'm gonna make a name for myself with my puzzling business, just you see!   And I know exactly what the first issue will be, a puzzle that is sure to be a hit, it's called **City Space!** 

(You wouldn't mind giving it a look-over before I go would you? Pretty please?)

Rules: Shade some cells so that each orthogonally connected area of shaded cells is in the shape of a one-wide rectangle of at least two cells. All unshaded cells must form one orthogonally connected area, which contains no complete loops of cells (this includes 2x2s). Clues cannot be shaded, and represent the total number of unshaded cells that can be seen in a straight line vertically or horizontally, including itself.



Example (Penpa+): <https://tinyurl.com/43tdrb72>

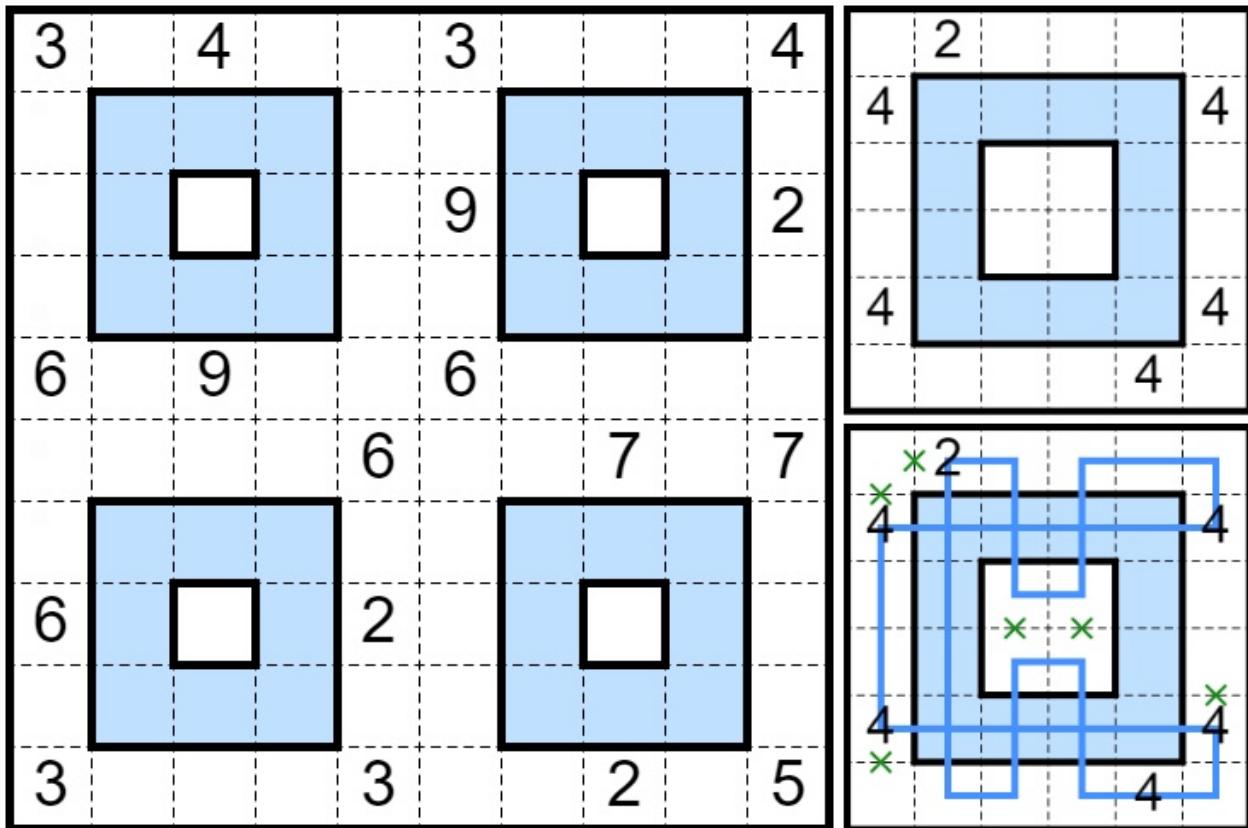
GAPP (Penpa+): <https://tinyurl.com/4bfa43wd>

January 19, 2023: Ice Walk

jovi_al

January weather has caused a lot of slipping and sliding! The other day, I had to walk outside in the snow (a rare occurrence where I live)! Thematically, today's genre is an **Ice Walk**, a relatively new one on puzz.link that I've found myself enjoying immensely! Yes, I am aware that this does make two crossing loop genres from me in a row. What can I say? They're some of my favorites!

Rules: Draw a loop through the centers of some cells which passes through each numbered cell. Two perpendicular line segments may intersect each other only on icy cells, but they may not turn at their intersection or otherwise overlap. The loop may not turn on icy cells. A number indicates how many cells make up the continuous non-icy section of the loop that the number is on.



Example (Puzz.link): <https://tinyurl.com/5287ybvx>

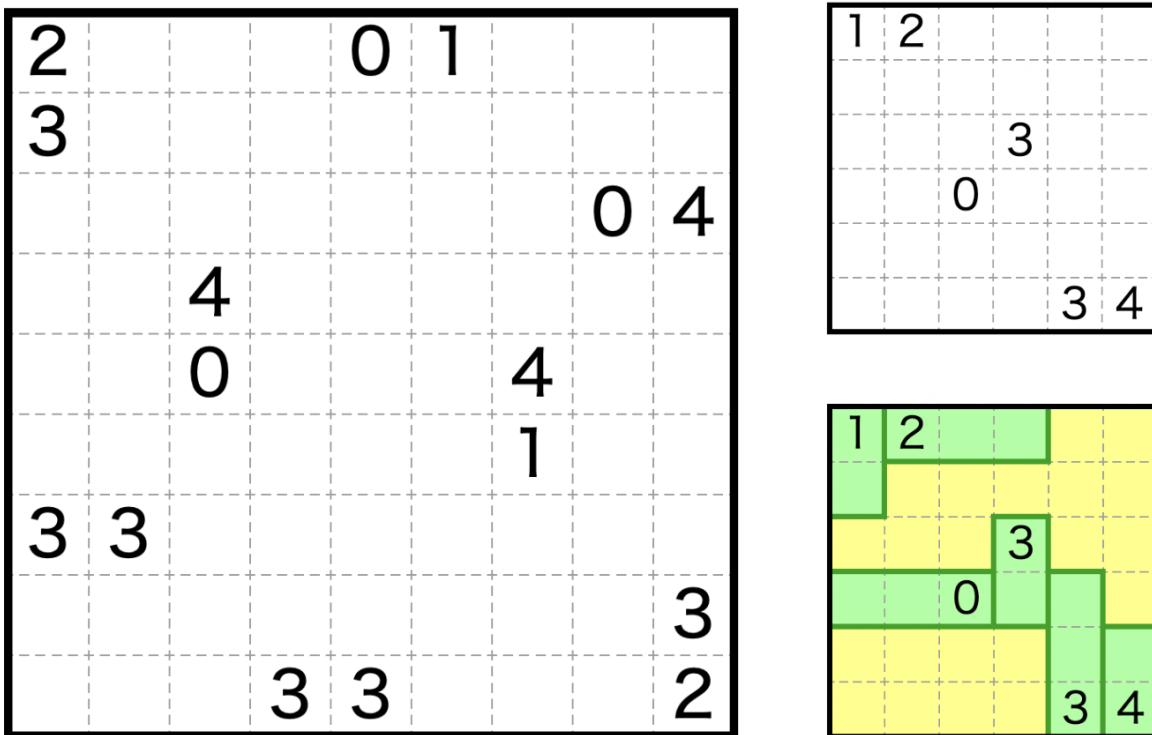
GAPP (Puzz.link): <https://tinyurl.com/4u79xwt9>

January 20, 2023: Tren

Freddie Hand

Nowadays, travelling by **Tren** is touted as environmentally friendly and trendy. But it certainly brings some inconveniences, particularly for the poor passengers of the 0 carriages in this puzzle at rush hour. (See what I did there?) I did always prefer the safari version with 2x2 squares as well... maybe a potential cursed variant? 😊

Rules: Locate some train carriages in the grid, each of which is either 1x2 or 1x3 in size, which may not overlap each other. *Each clue must be used by a carriage and each carriage must contain exactly one clue*, the value of which represents how many different locations to which the carriage can be moved by sliding it in either direction of the short end without overlapping another carriage or going out of the grid. Staying stationary does not count as one of these locations.



Example (Puzz.link): <https://tinyurl.com/ptd9mfk9>

GAPP (Puzz.link): <https://tinyurl.com/28w22yd8>

January 21, 2023: Pencils (Supersized)

Tyrgannus

Full disclosure, I have a dibs list of genres/variants I want to do for Saturday puzzles, but the schedule has worked out that I often don't make supersized. The calendar conspires against me! So, Freddie and I actually swapped so I can give you this pencil puzzle. This pencils pencil puzzle. And just to warn you, the other candidates for supersized are just as spicy so get ready in the coming months 😎

Today's GAPP is a supersized **Pencils!**

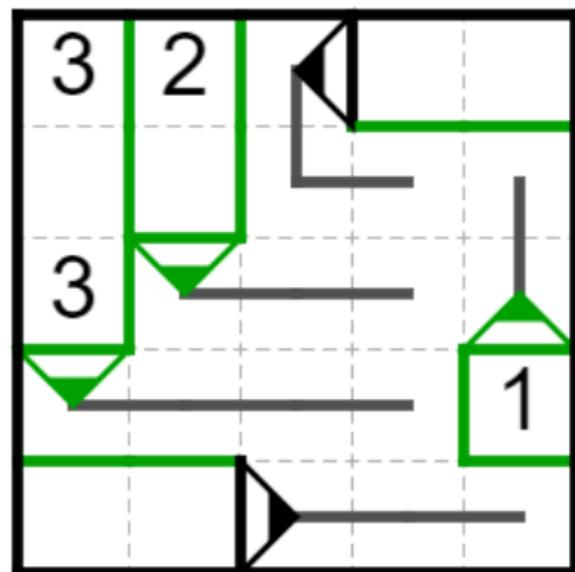
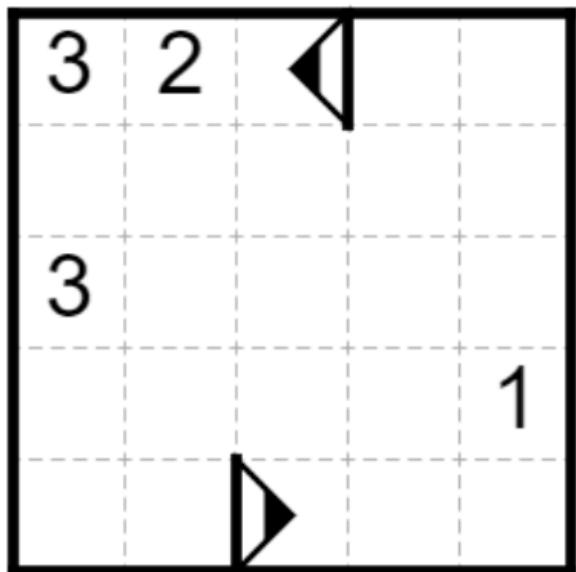
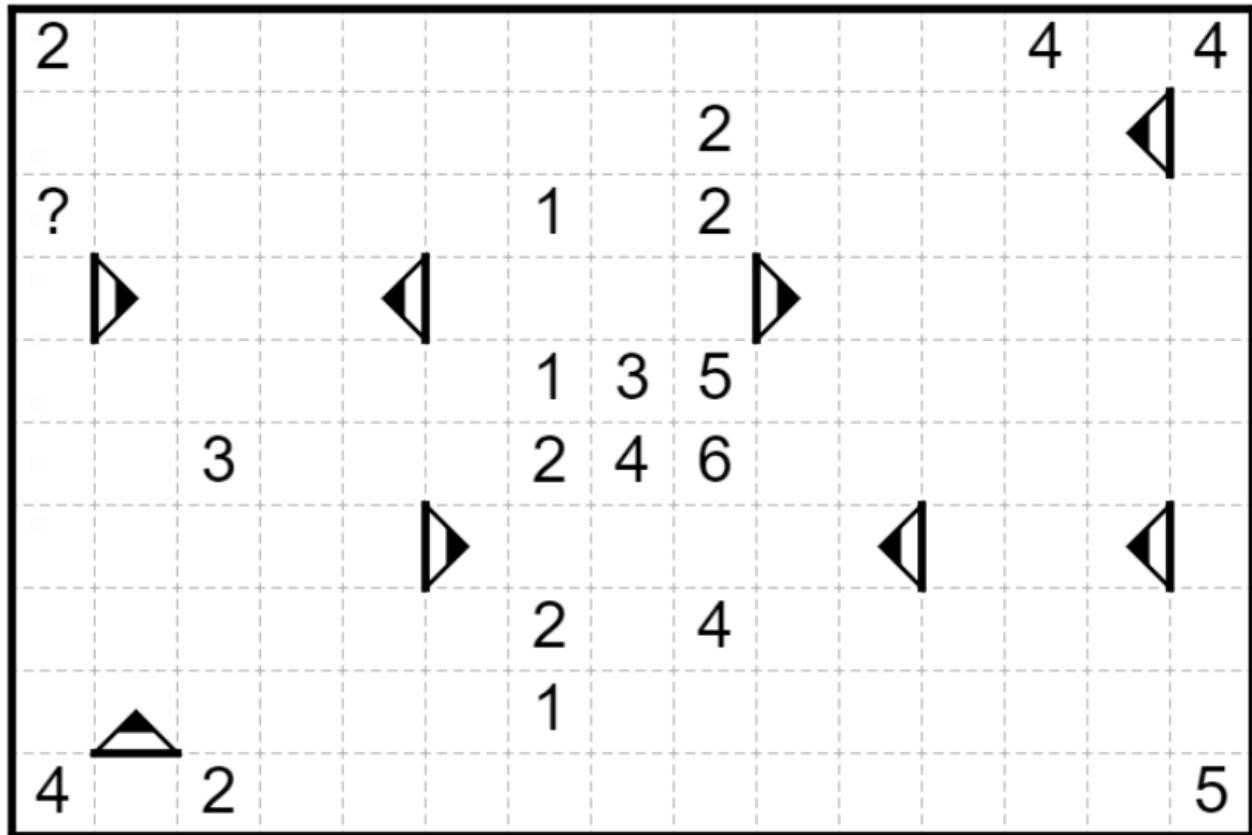
Rules: Place some pencils in the grid, each consisting of a $1 \times N$ body with a tip occupying an extra cell at one end, and draw a path of graphite which is N cells long starting at its tip. Pencils and paths must occupy every cell of the grid without overlapping one another. A cell with a number must be part of the body of a pencil of the given length. Given pencil tips must be used where they are. "?" mark clues act as number clues of unknown value.

These are the more streamlined rules, but the previous GAPP has a very thorough bullet point style for rules: (editor's note: and I have to fill the gap on the page)

- Fill every cell of the grid with either pencils or lines that extend from pencil tips.
- Lines go through the centers of cells and must move vertically, horizontally, and may optionally turn.
- The length of these lines is equal to the length of each pencil it is attached to not counting the pencil tip. For example, a length 2 pencil would have a line cross 2 cell borders.
- Pencils are always 1 cell wide and cannot bend/turn. All pencils have exactly one tip on one end.
- Number clues must always be part of a pencil and indicate the number of cells in length of that pencil NOT including the pencil tip. Multiple number clues may exist in the same pencil. ? clues are numbers of unknown value.
- Pencil tip clues act as givens and indicate the end of a pencil that must extend behind it.
- Pencils may exist without a number clue, pencil tip clue, or either clue.

↓ Puzzle is on the next page ↓

↑ Rules are on the previous page ↑



Example (Puzz.link): <https://tinyurl.com/2hrm748c>
GAPP (Puzz.link): <https://tinyurl.com/4d7ekx8d>

January 22, 2023: Hikatokage (a.k.a. Light and Shadow)

Eric Fox

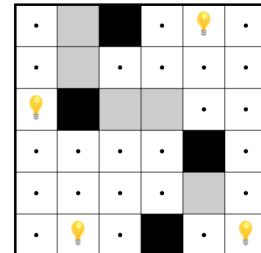
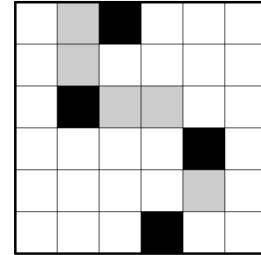
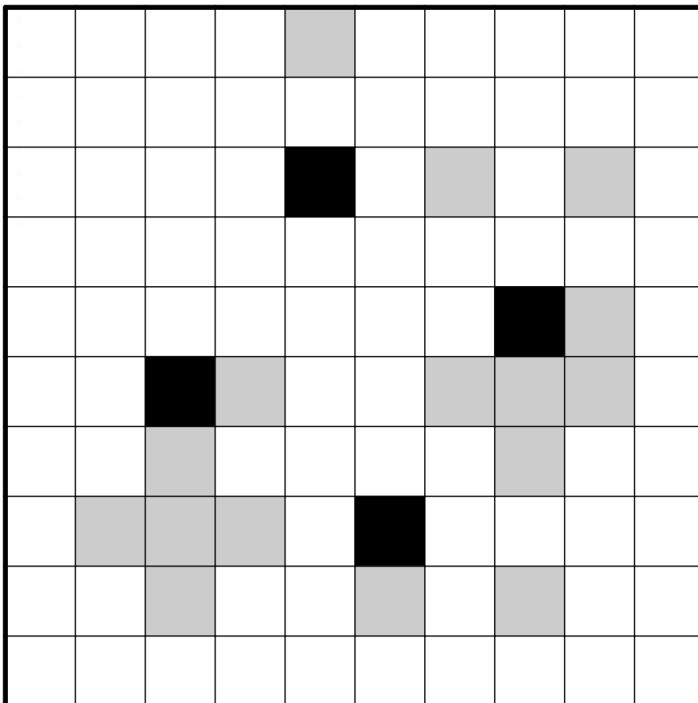
Don't get lost in the dark! 🗒️ Today I have for you a puzzle all about illumination: It's **Light and Shadow!** This genre shares a name with a completely different genre which has been covered on GAPP twice now.

To avoid confusion, today's genre can also be called **Hikatokage**.

Rules: Place lights in some cells of the grid so as to cast shadows, indicated by grey cells. 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. If a black cell is illuminated by a light, cells in a straight line behind the black cell have a shadow cast onto them, unless illuminated by another light. Shadows do not continue through other black cells.

I have a small tip for solving puzzles of this genre.

GAPP 101: (rot13) Yvtugf pnaabg or cynprq va nal pryy juvpu qverpgyl frff n funqbj. Guvf frzzf boivbhf, ohg vzzrqvngryl pebffvat bhg nyy bs gubfr pryyf znxrf n jbeyq bs qvssrerapr.



Example (Penpa+): <https://tinyurl.com/2jbggdxb>

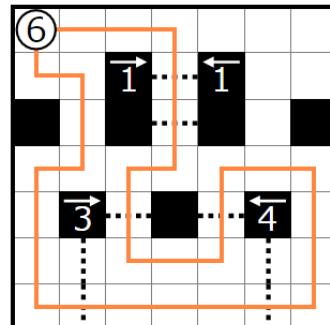
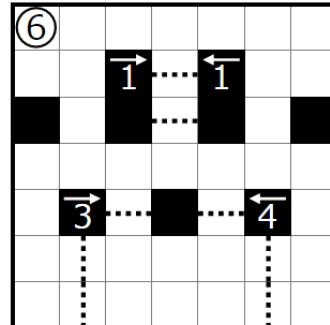
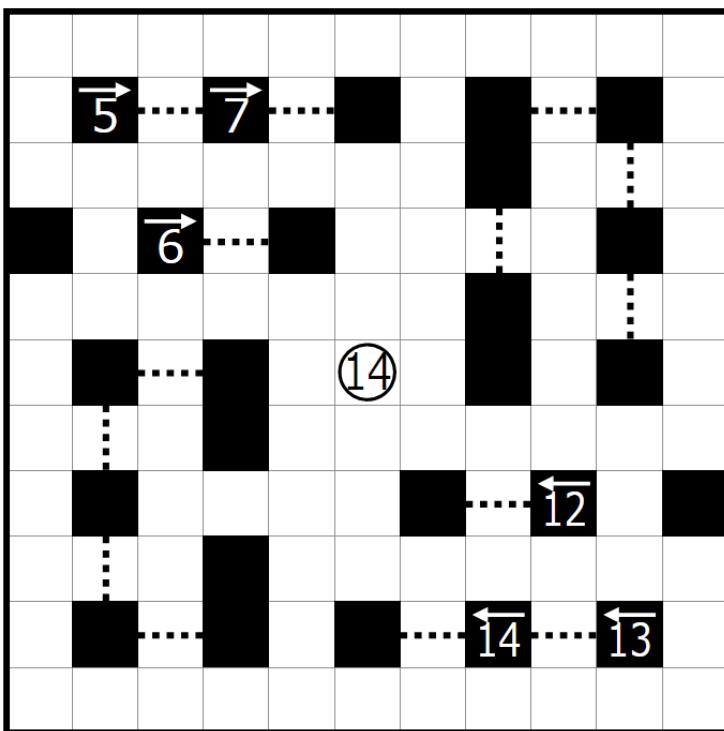
GAPP (Penpa+): <https://tinyurl.com/2ghcqljh>

January 23, 2023: Slalom

shye

It's interesting that this genre got the name **Slalom**, referring to the skiing sport  Because sure, it does have the gates and the requirement to ski through them in order... but instead of being a path puzzle, it's a loop puzzle! Well for that to work you must need some kind of Penrose staircase, a mountain you could infinitely slide down and return where you started 

Rules: Draw a non-intersecting loop through the centers of some cells, starting and ending at the circle. The loop may not enter blackened cells, and must pass straight through each gate exactly once. If a number N is pointing at a gate, it must be the N th gate visited from the circle.



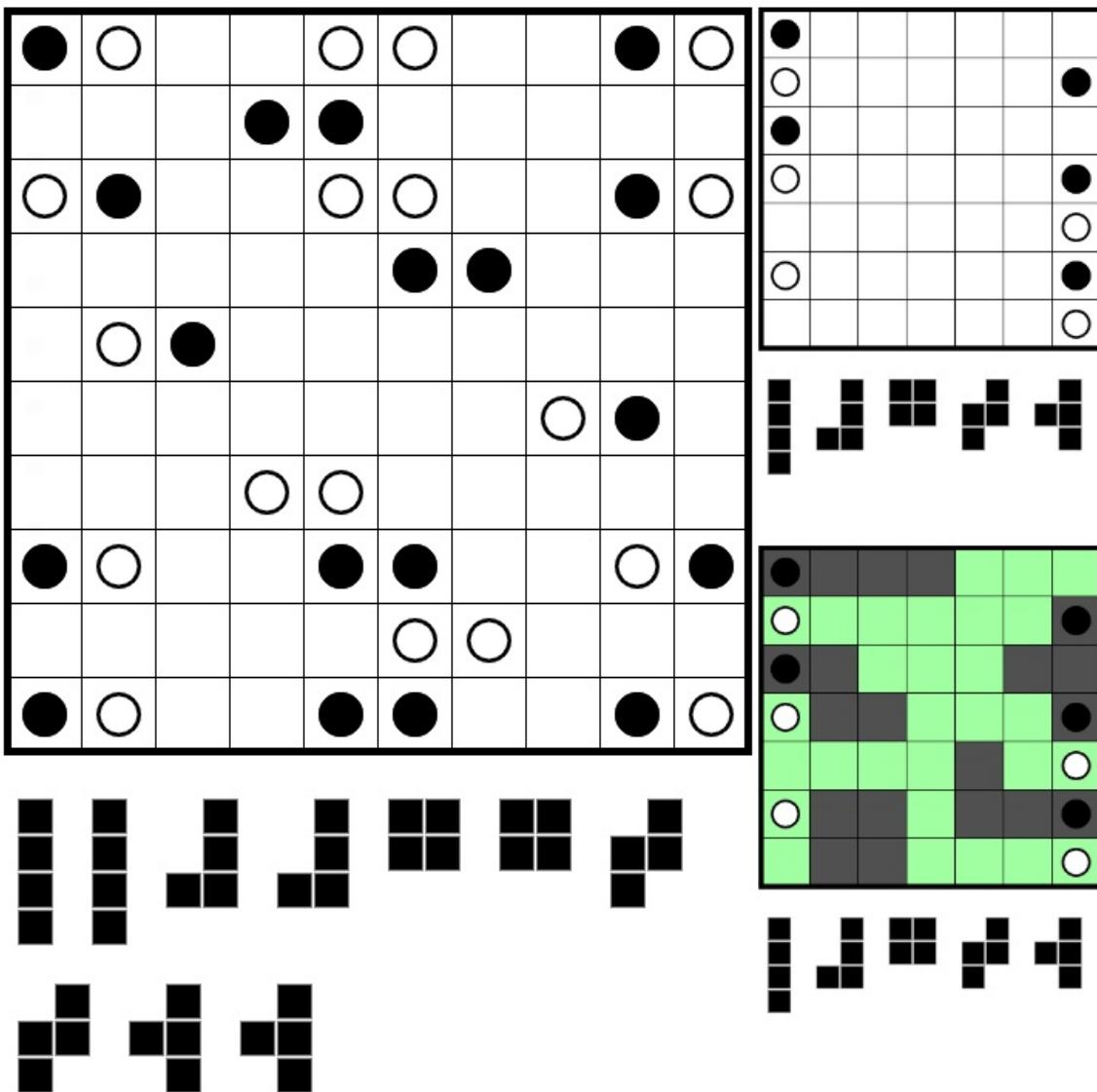
Example (Puzz.link): <https://tinyurl.com/2v4rvh48>
GAPP (Puzz.link): <https://tinyurl.com/mjzdrkb3>

January 24, 2023: Statue Park

jovi_al

Hi everyone! I'm early, and I'll keep this brief. Today's puzzle is a **Statue Park**!

Rules: Place each shape from the shape bank into the grid exactly once such that no two shapes share an edge, and all unused cells form one orthogonally connected area. Rotating and reflecting shapes is allowed. Cells containing a black circle must be used by a shape, and cells containing a white circle must not be used by a shape.



Example (Puzz.link): <https://tinyurl.com/3ywpzf57>

GAPP (Puzz.link): <https://tinyurl.com/bdzkc29x>

January 25, 2023: Hitori

Tyrgannus

Today we have a classic puzz.link genre that has only been done once before in the channel. It is often considered a bit of a scanning exercise, but there is an option to make the scanning a bit gentler if you'd like. I am aware that some may see this as hitorimiss, but I actually kind of like the genre if I'm being perfectly honest. Hopefully you do too!

Today's GAPP is a **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.

Solver's Note: As mentioned before, there is a way to potentially make scanning a bit gentler. You can select the "Show overlapped numbers as red" option so you can see duplicates in rows/columns. It is not necessary for the solve so it's up to you if you want to use it!

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

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

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

Example (Puzz.link): <https://tinyurl.com/29tn2e6v>

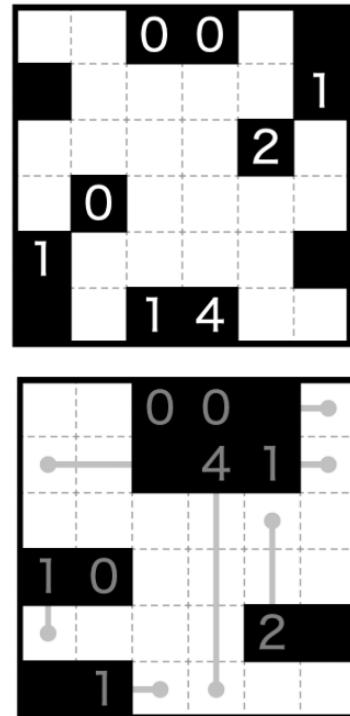
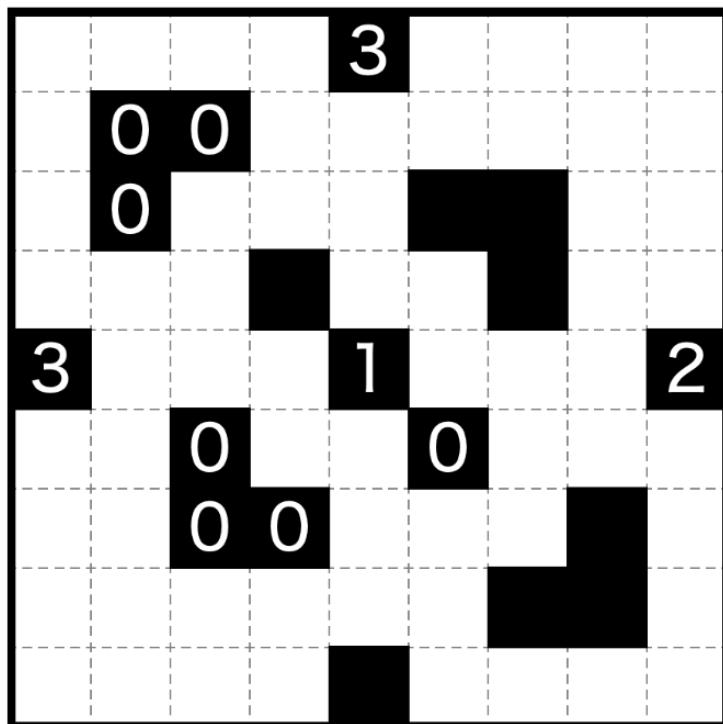
GAPP (Puzz.link): <https://tinyurl.com/36xdn2mp>

January 26, 2023: Rectangle Slider

Freddie Hand

The first time we did **Rectangle Slider**, we were celebrating moving into this channel. But today we are celebrating... not moving anywhere? I did propose moving to count since counting with puzzles is more interesting than counting with numbers. That motion was rejected by the GAPP board.

Rules: Move some black squares (1×1 's, and not necessarily all of them) so that each group of orthogonally adjacent squares is rectangular in shape, and no square is left isolated as a 1×1 . A square may only move in one straight line vertically or horizontally. Squares' paths may not cross each other, other squares, or other squares' starting points. Squares containing clues must be moved exactly the indicated number of cells.



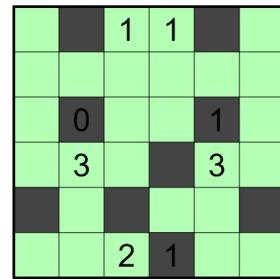
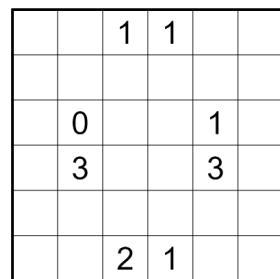
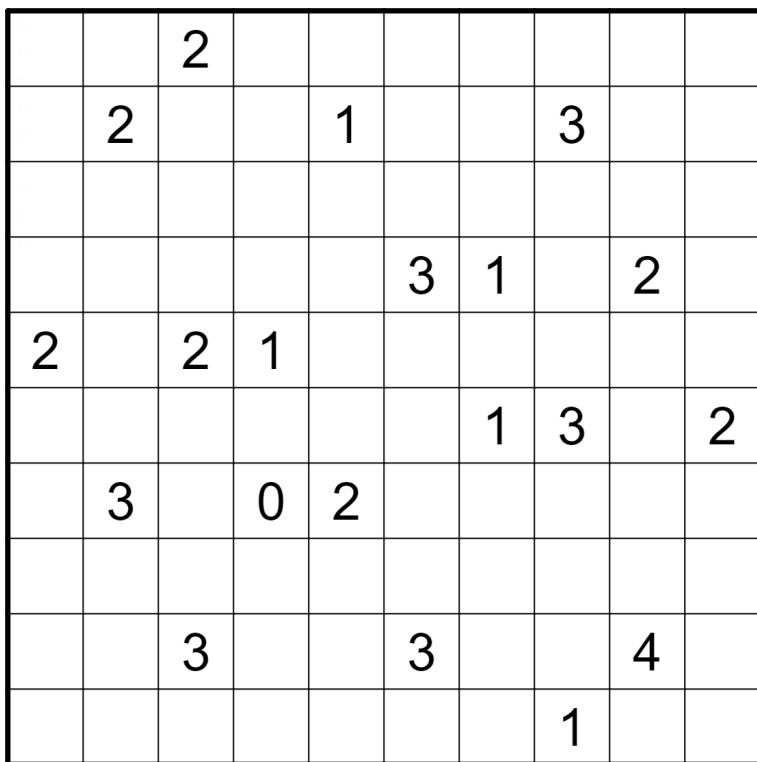
Example (Puzz.link): <https://tinyurl.com/269z8uz7>
GAPP (Puzz.link): <https://tinyurl.com/yc7yxu52>

January 27, 2023: Kurohappo

Eric Fox

I love introducing new genres to the GAPP series, and that often means venturing into the land of obscure puzzles. However, today I have another genre with a pretty simple set of rules: **Kurohappo!**

Rules: Shade some cells so that no two shaded cells are orthogonally adjacent and the remaining unshaded cells form one orthogonally connected area. Clues indicate the number of shaded cells in the (up to) eight surrounding cells. Clues which are shaded do not include themselves in their total.



Example (Penpa+): <https://tinyurl.com/2o6lsyas>

GAPP (Penpa+): <https://tinyurl.com/2jtsrq9c>

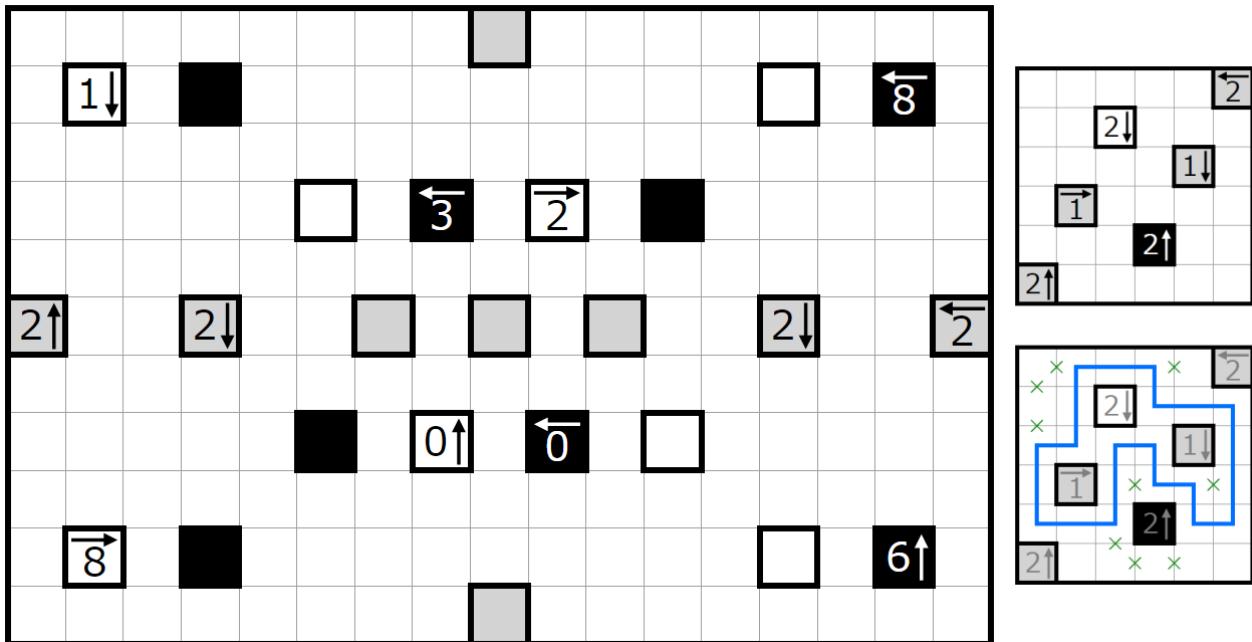
January 28, 2023: Castle Wall (Supersized)

shye

How art mine own subjects on this fine **Supersized Saturday?** 🎉 Today we has't begun to install the new **Castle Wall**, feareth not as we art not under attack and thou art all safe here. (*nervous cough*)

So why is it being built? Erm, I has't with me aye, all the great benefits of the mure! It shalt marketh the extent of our great kingdom, and provideth privacy for thee all. Its grandeur and aesthetic appeal shall striketh jealousy to all who wander past. T'will beest enchanted by the high wizard, to die lie a beshrew on all who is't enter without permission! T'will keepeth out door-to-door salesmen and unwanted photographers... (*whispering to the side*) Oh can we just get it done already! I dont think I can convince them much longer... 😰

Rules: Draw a non-intersecting loop through the centers of some cells. The loop may not enter outlined cells; Outlined white cells must lie inside the loop, while outlined black cells 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.



Example (Puzz.link): <https://tinyurl.com/3986bkuk>
GAPP (Puzz.link): <https://tinyurl.com/33pjy796>

January 29, 2023: Shakashaka (Strange-Shaped (not a series))

jovi_al

(Stick around to the end for some software tips!)

rocking back and forth 🤪 *Strange-Shaped Sunday is not a series, and will never be. Strange-Shaped Sunday is not a series, and will never be. Strange-Shaped Sunday is not a series, and will never be. Strange-Shaped Sunday is not a series, and will never be. Strange-Shaped Sunday is not a series, and will never be.* 🤪

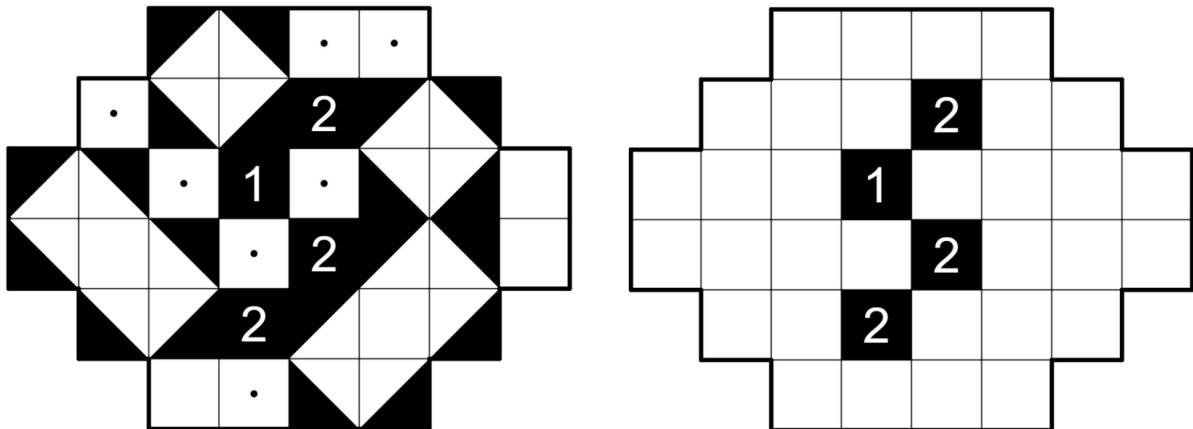
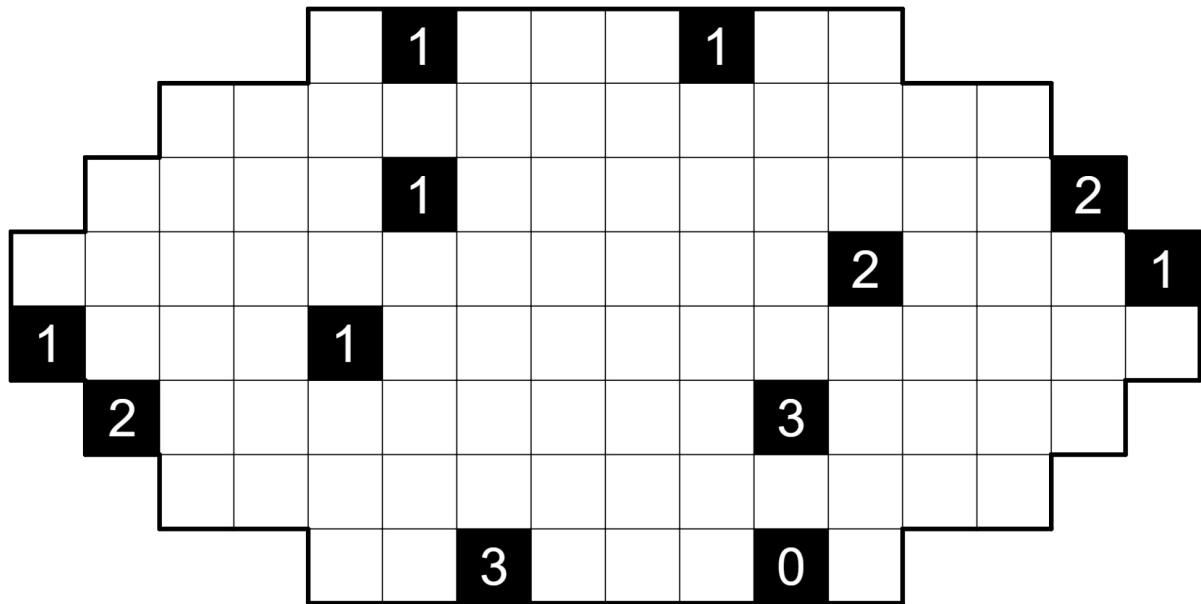
Today's **fourth** Strange-Shaped Sunday puzzle (not a series) is a **Shakashaka!** I also want to note that for 10x10 grids, I usually do an example puzzle size of 6x6. Today's puzzle has 100 cells, and today's example puzzle has 36 cells. Yes, I paid attention to that detail. I love doing GAPP so much! /gen 🎉

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.

And now some software notes: To place a triangle, click somewhere in the cell and drag perpendicularly to the hypotenuse of the triangle you'd like to place. Click in the center without dragging to place a dot. Right-click is not functional!

↓ Puzzle is on the next page ↓

↑ Rules are on the previous page ↑



Example (Penpa+): <https://tinyurl.com/2zyazhac>
GAPP (Penpa+): <https://tinyurl.com/2gelhffk>

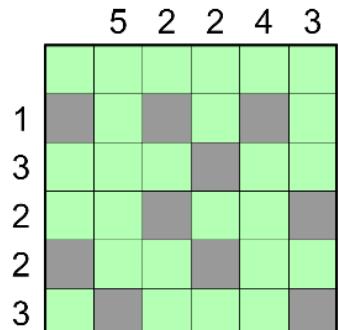
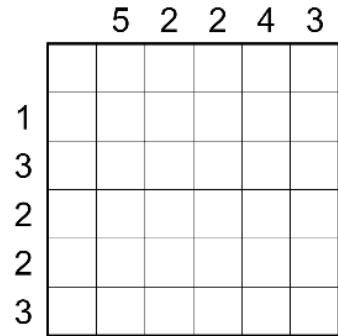
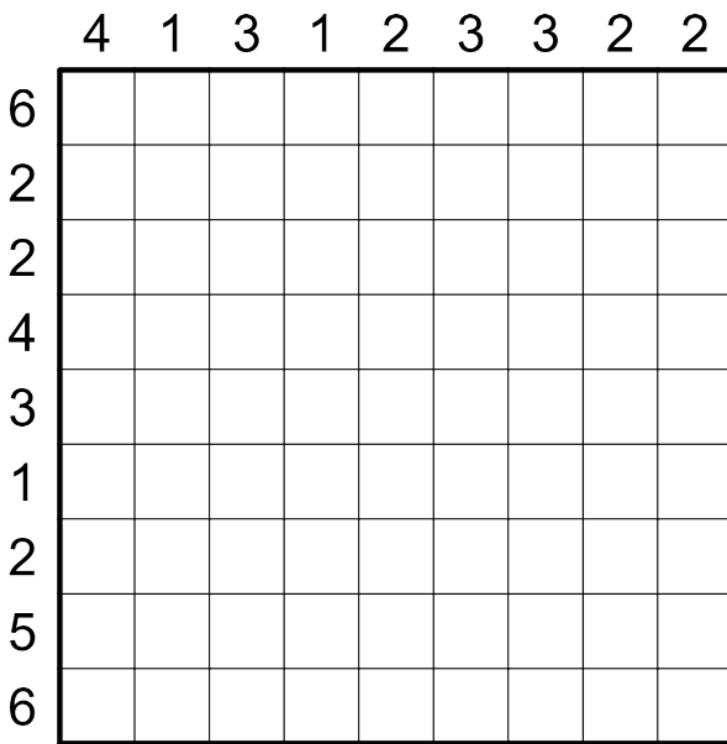
January 30, 2023: Kuromasunuri

Tyrgannus

Today marks the second time in recent memory that I'm covering a new genre to GAPP that involves numbers outside the grid and shading. Weirdly specific really, especially considering they both start with the letter K. Don't worry, this one doesn't have any addition though, but still involves it's slightly less scary sibling, Counting :dismay~1:

Today's genre is a **Kuromasunuri!**

Rules: Shade some cells so that no two shaded cells are orthogonally adjacent. A clue outside the grid indicates the length of the longest run of consecutive unshaded cells in the corresponding row or column.



Example (Penpa+): <https://tinyurl.com/3yhk75es>

GAPP (Penpa+): <https://tinyurl.com/43tu58a5>

January 31, 2023: Chat Room

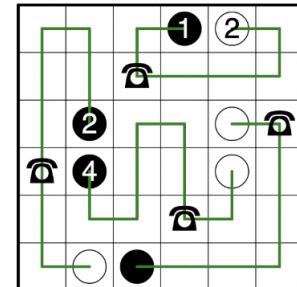
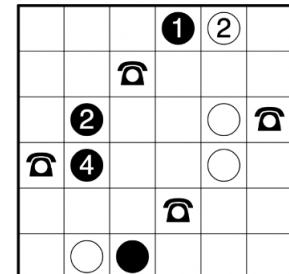
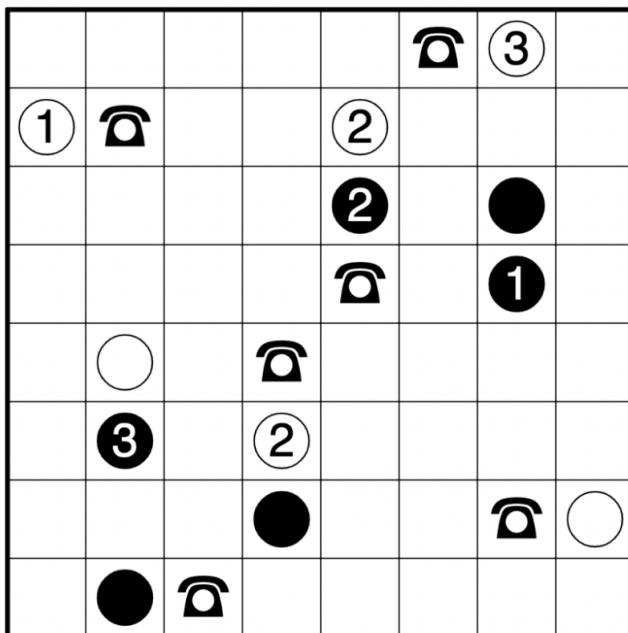
Freddie Hand

There has long been debate about what the best chat room. Many award that title to Discord. But I am here (on Discord) to tell you that the best chat room is **Chat Room!** If you want to dial in to complain, make sure you don't take too many wrong turns.

Rules: Draw paths through the centers of cells - one starting at each circle, and each ending at a phone - such that every cell is used. Paths may not cross each other or themselves. Each phone must be connected to exactly one white circle and exactly one black circle. A number in a circle indicates how many times its path turns before it reaches a phone.

Note: White and black circles **cannot** connect directly to each other! For any given phone, there must be path going from a white circle to that phone which passes through only empty cells, likewise for black circle.

GAPP 101: (rot 13) Erzrzore gung rirel cubar unf gjb yvar frtzragf pbzvat bhg bs vg!



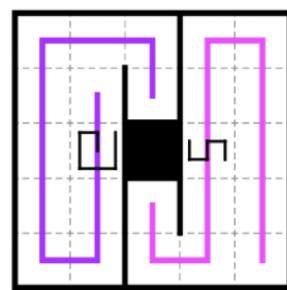
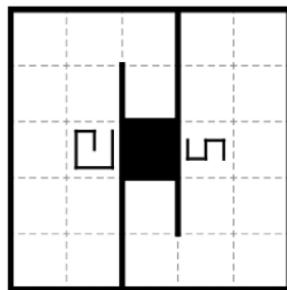
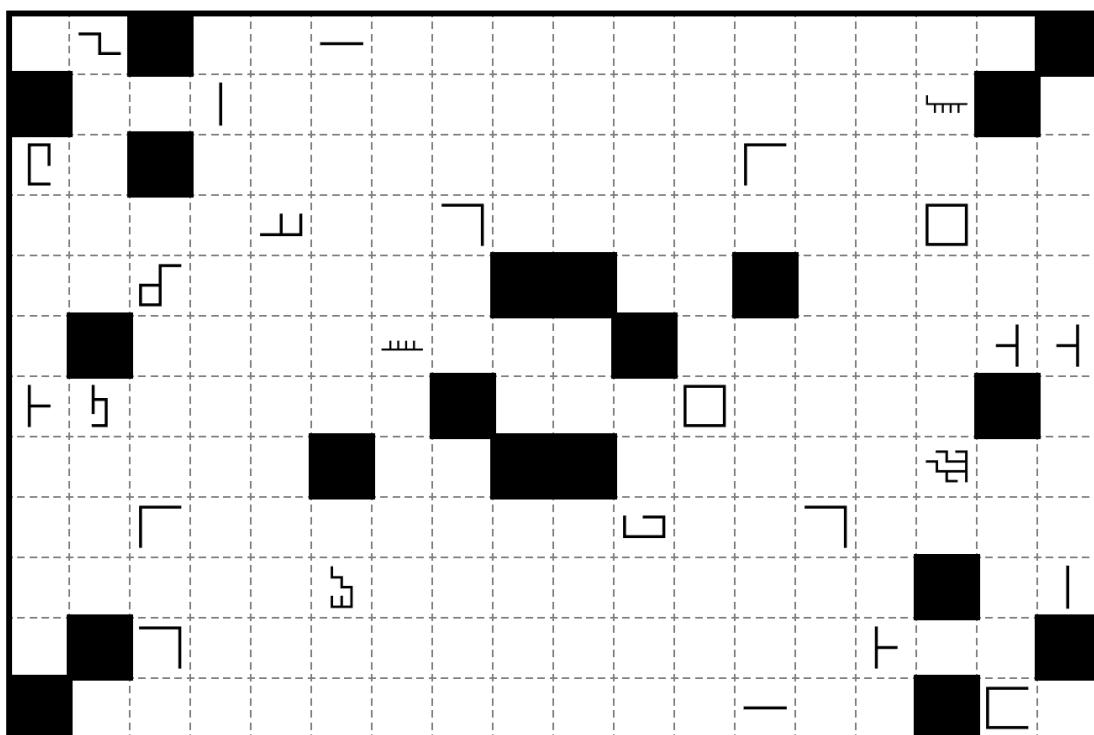
Example (Penpa+): <https://tinyurl.com/2y728k79>
GAPP (Penpa+): <https://tinyurl.com/53nrh553>

Bonus 1: Curve Data

jovi_al

Rules: Draw lines between the centers of cells so that each connected figure goes through exactly one clue, and all cells are used by a figure. Clues show how their figures turn and connect with themselves, not allowing rotation or reflection, but do not indicate the lengths (or relative positions) of the line segments.

Editor's note: Think of drawing in this genre as putting your pencil down at one end of a clue shape and drawing for an undetermined amount of cells until you need to turn according to how the clue looks. This is why clues can be a little bit different than the actual shape in the completed grid. Left clue in the example is doing something wacky!



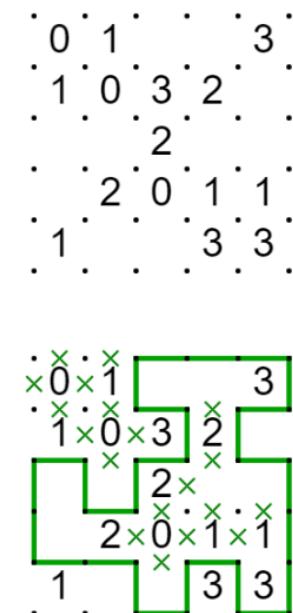
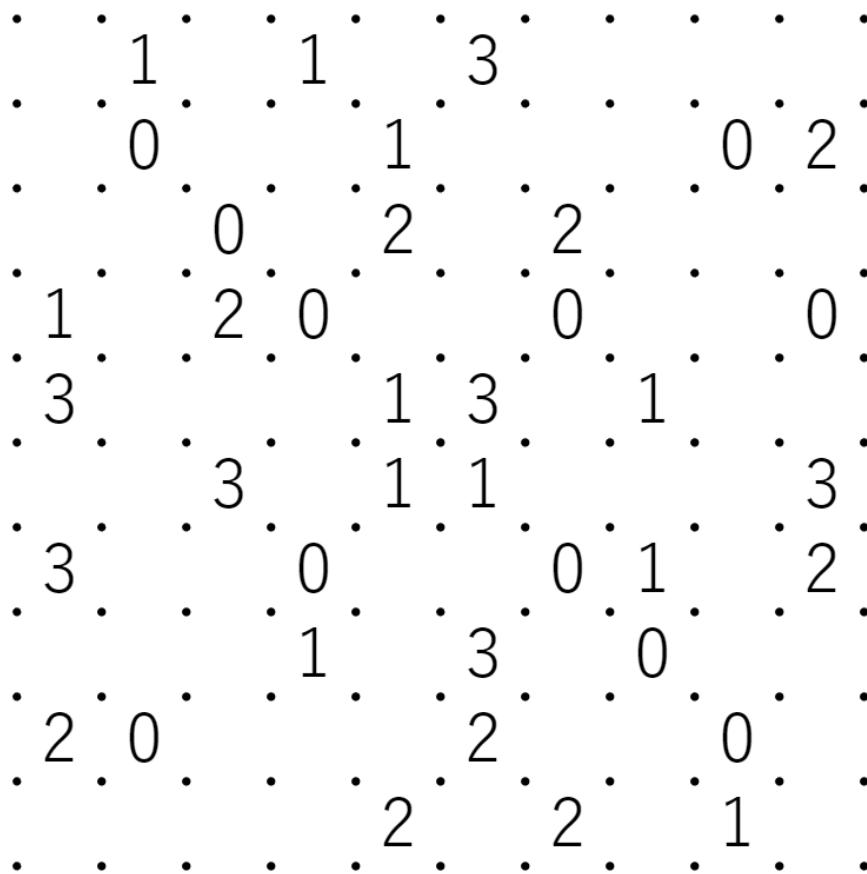
Example (Puzz.Link): <https://tinyurl.com/bdfrsx5>

Puzzle (Puzz.Link): <https://tinyurl.com/mr3fep2r>

Bonus 2: Slitherlink

Tyrgannus

Rules: Connect some pairs of orthogonally adjacent dots to form a single non-intersecting loop. Clues represent the number of edges drawn surrounding the clue (up to four).



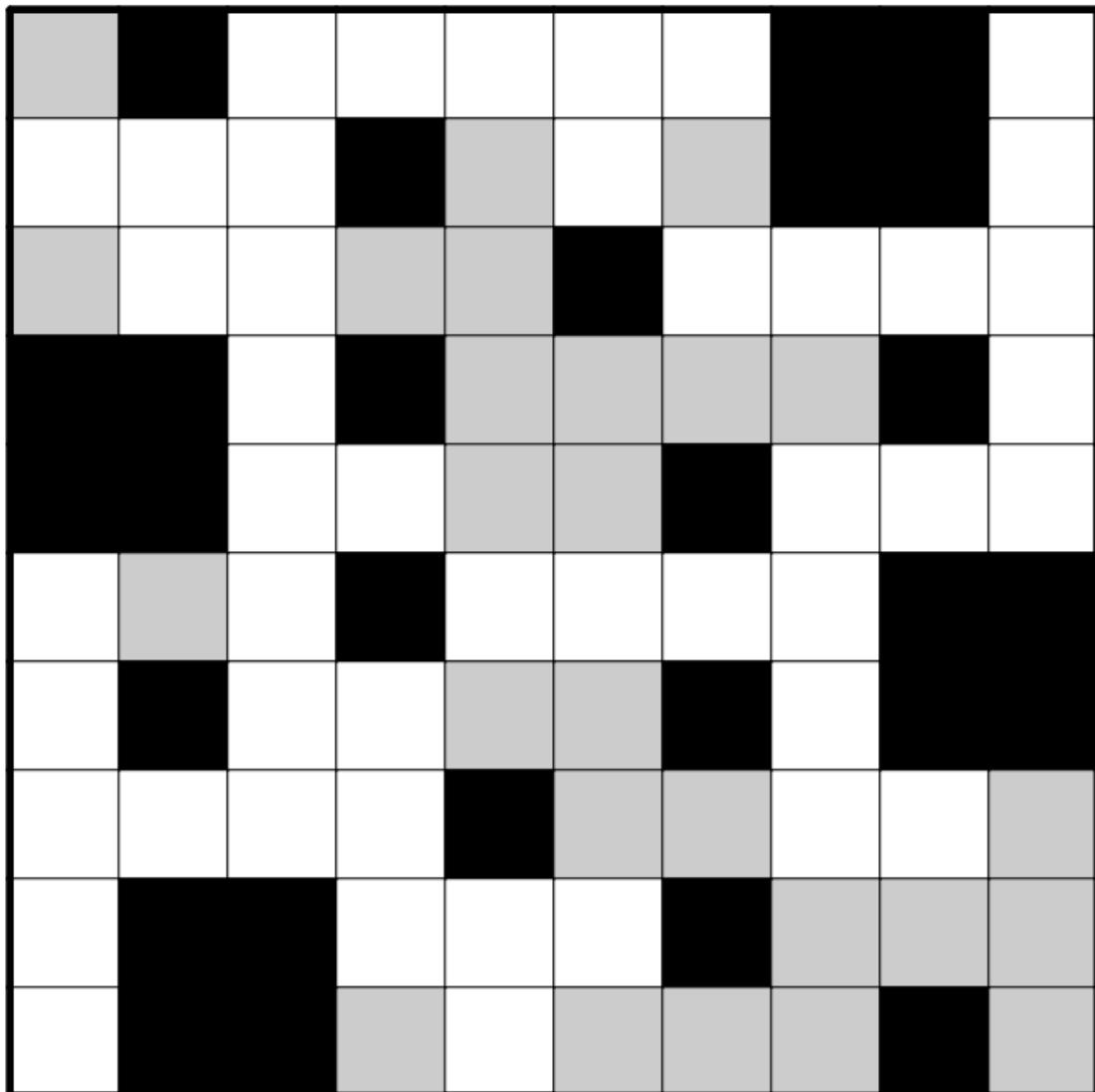
Example (Puzz.Link): <https://tinyurl.com/ycd65n4r>

Puzzle (Puzz.Link): <https://tinyurl.com/2p83hbc>

Bonus 3: Hikatokage (a.k.a. Light and Shadow)

Eric Fox

Rules: See January 23.

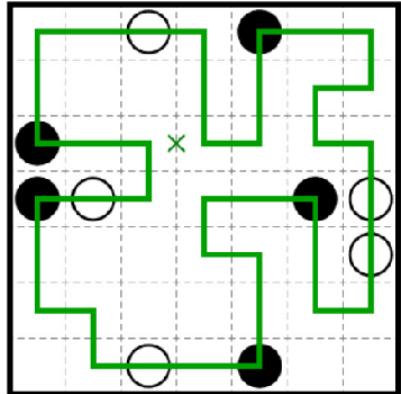
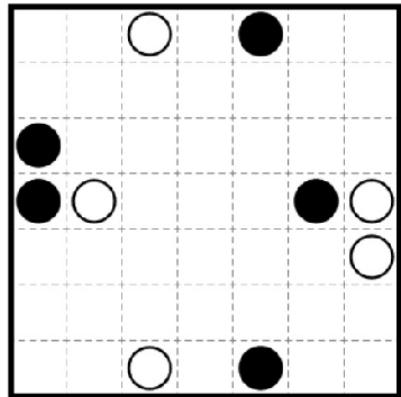
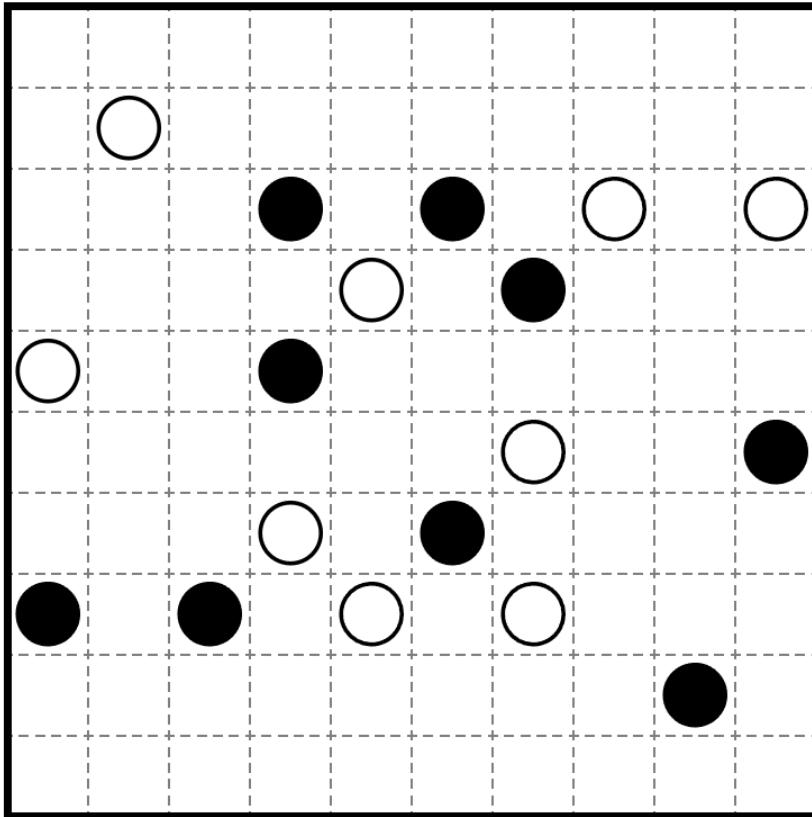


Example (Penpa+): See January 23
Puzzle (Puzz.Link): <https://tinyurl.com/2o2o84ow>

Bonus 4: Masyu

Eric Fox

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.



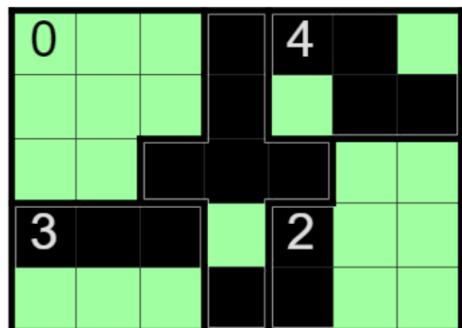
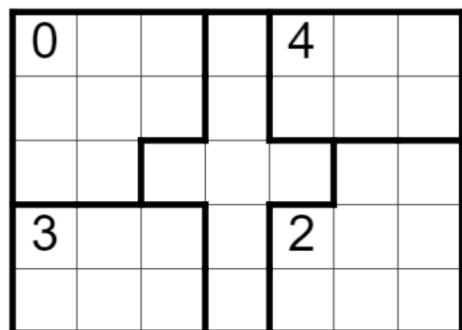
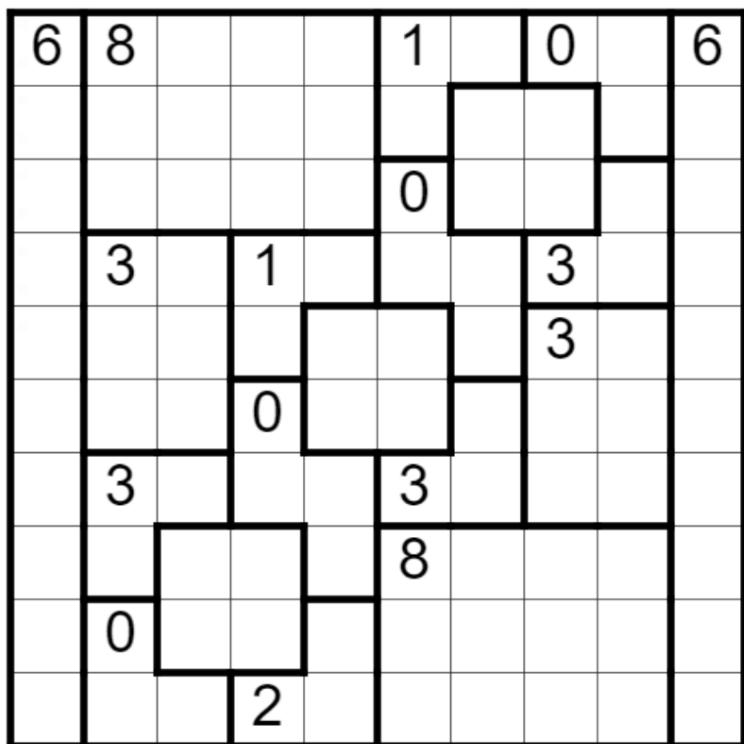
Example (Puzz.Link): <https://tinyurl.com/2p8mycb4>

Puzzle (Puzz.Link): <https://tinyurl.com/345vbt76>

Bonus 5: Aqre

shye

Rules: Shade some cells so that all shaded cells form one orthogonally connected area. Regions with numbers must contain the indicated amount of shaded cells. There may not exist a run of more than three consecutive shaded or unshaded cells horizontally or vertically anywhere in the grid.



Example (Puzz.Link): <https://tinyurl.com/39uedafh>

Puzzle (Puzz.Link): <https://tinyurl.com/2bxa45dk>

Sloth/Crab times & Birb names

Date	Sloth Time	Crab Time	
01 Jan 2023	4:00	8:00	Summing Smew
02 Jan 2023	1:25	2:50	Bridge-Linked Bobolink
03 Jan 2023	3:30	8:45	Sleepy Sheartail
04 Jan 2023	3:30	7:30	Parsec Parakeet
05 Jan 2023	3:30	7:00	Visiting Vivid Niltava
06 Jan 2023	2:30	5:00	Daunting Darter
07 Jan 2023	7:00	14:00	Upscaled King Rail
08 Jan 2023	4:00	8:30	Parrot
09 Jan 2023	3:00	7:30	Cardinal Cardinal
10 Jan 2023	2:30	5:30	Reflective Wren nerW
11 Jan 2023	2:15	5:15	Linkage Lizard Buzzard
12 Jan 2023	3:15	6:00	Feline Fernwren
13 Jan 2023	4:30	10:00	Wacky Wallacean Whistler
14 Jan 2023	6:00	15:00	I cannot think of any clever alliterations whatsoever as I've had a long and stressful day bird
15 Jan 2023	3:45	7:45	Arithmetic Arafura Fantail
16 Jan 2023	3:00	6:00	Tetragram Tolima Dove
17 Jan 2023	1:11	2:22	Brickbird 
18 Jan 2023	3:20	7:00	Mascot Puzzling Pigeon
19 Jan 2023	3:00	7:30	Slippery Smew
20 Jan 2023	4:00	8:30	Locomotive Lafresnaye's Vanga
21 Jan 2023	4:45	10:00	No. 2 Nightingale
22 Jan 2023	2:00	4:00	Black-and-White Warbler

23 Jan 2023	2:00	4:00	Impossible Impeyan Monal
24 Jan 2023	1:45	4:15	Michelangelean Millerbird
25 Jan 2023	1:45	3:45	Scanning Scaup
26 Jan 2023	1:20	3:00	Quadrangle Quitbanana
27 Jan 2023	2:10	4:30	Happo Feet
28 Jan 2023	4:00	9:00	Rotund Rook
29 Jan 2023	2:00	5:00	Wonky Warbler
30 Jan 2023	2:30	5:30	Curious Currawong
31 Jan 2023	3:00	6:15	Bavardage Brant

