

# **Mind The GAPP 9**

Genuinely Approachable Pencil Puzzles from the CtC Discord

Volume 9: July 1, 2022 - July 31, 2022

## **Introduction**

So here it is. Another month of GAPP, another volume of Mind the GAPP. But it's not every month that marks 75% of a year of genuinely approachable pencil puzzles. So we owe a big thank you to all solvers who have stuck along for the journey (or just started a few days ago!)

This month also saw the debut of a doppel (a puzzle whose clues work for two different genres) appearing as a GAPP, promptly one-upped by jovi\_al with a doppel GAPP *and* example. Who knows what's in store for next month...?

There are some instances of text which would be preferentially spoiled on discord. These have been encoded in rot13, which can be deciphered using this website: <https://rot13.com>. There is one unmarked instance of rot13 - can you identify it and win a bonus otter?

As usual, time standards are in a table at the end of the document, after the bonus puzzles.

*Eric Fox*

**Rules:** Place a number from 1 to 9 into some cells so that no number is repeated in any row or column. Numbers outside the grid represent the sums of the numbers in blocks of consecutive numbered cells in the corresponding row or column, in order. Sums must be separated by at least one empty cell.

The diagram shows a 6x6 grid with row and column sums. The row sums are: 17, 8, 9, 14, 12, 6. The column sums are: 30, 10, 2, 16. The grid is partially filled with numbers in a 4x4 subgrid (rows 2-5, columns 1-4).

	1	2	3	4	5	6
1						
2						
3						
4						
5						
6						

Row sums: 17, 8, 9, 14, 12, 6  
Column sums: 30, 10, 2, 16

Partially filled grid (rows 2-5, columns 1-4):

3	1	4	
7	8	2	
	7		1
6	9		8

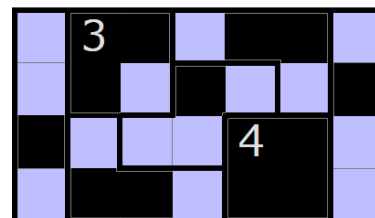
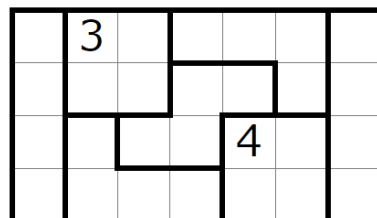
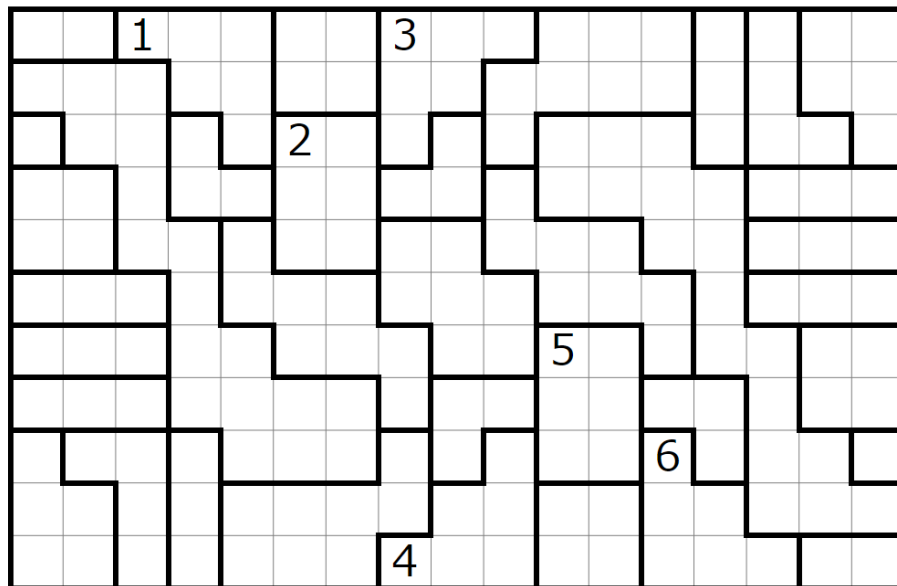
Puzzle (Penpa+): <https://tinyurl.com/234pq88k>

## July 2, 2022: SUPERSIZED Shimaguni/Islands

*shye*

I need to relax a bit when it comes to puzzle themes, today's **Supersized Saturday** GAPP had me up all night (seriously, 15 hours) because I was too stubborn to give up on the desired aesthetics. Maybe I should take some time off on vacation, an island getaway perhaps... which segues us into the genre for today nicely, it's a **Shimaguni!** (a.k.a. **Islands**)

**Rules:** Shade a single group of orthogonally connected cells in each region. Shaded groups may not share a bold border. Regions with numbers must contain the indicated amount of shaded cells. Each region must contain at least one shaded cell, and no two adjacent regions may contain the same number of shaded cells.



Example (Puzz.link): <http://tinyurl.com/4ba3zu6v>

Puzzle (Puzz.link): <http://tinyurl.com/5n97mxny>

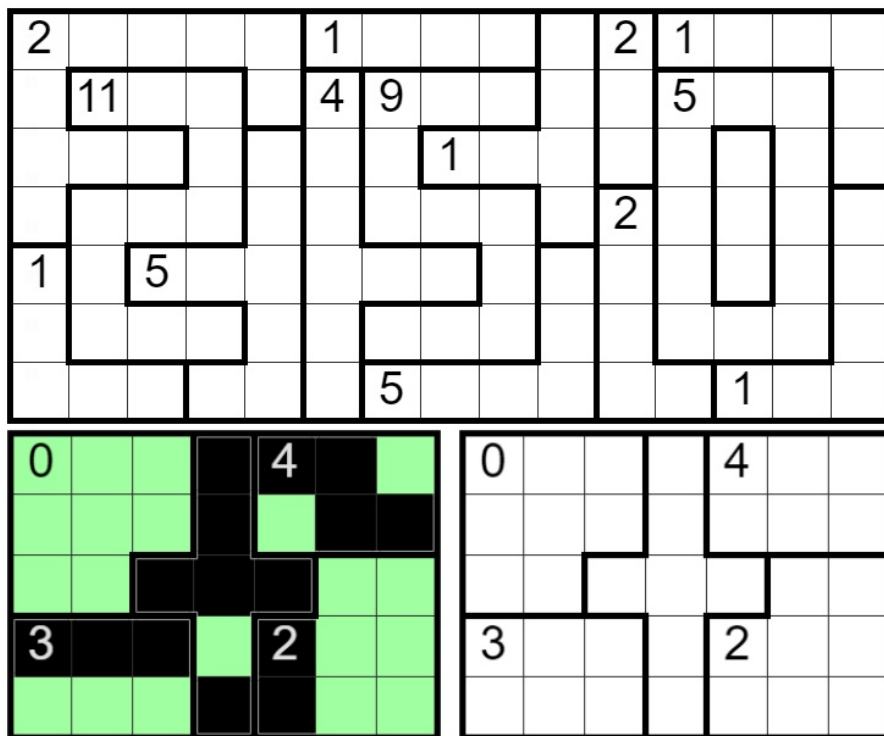
## July 3, 2022: Aqre

*jovi\_al*

Today is GAPP day #250. The reason I ended that sentence with a period and not with an exclamation mark is extremely apparent if you've been around the puzzling community for any length of time. I promise I'm super excited about this milestone though, and to celebrate, today's GAPP is an **Aqre**, and it's Aqre #2! (Hah, I'm safe!) Feel free to visit the first time we covered this genre when shye set one (way back when GAPP was a wee baby!):

<https://discord.com/channels/709370620642852885/911691996366786600/911697154597330974>

**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 four or more consecutive shaded *or unshaded* cells horizontally or vertically anywhere in the grid. If you solved my Fobidoshi GAPP from a few weeks ago then this might be a bit familiar to you!



Example (Puzz.link): <https://tinyurl.com/yayv6utu>

Puzzle (Puzz.link): <https://tinyurl.com/m5ax7ffj>

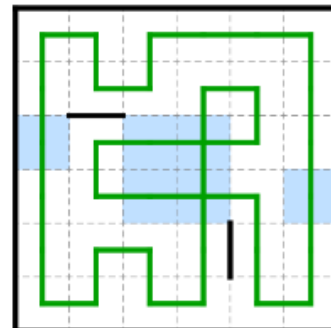
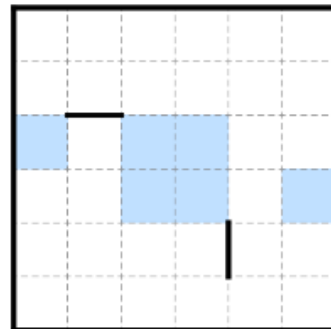
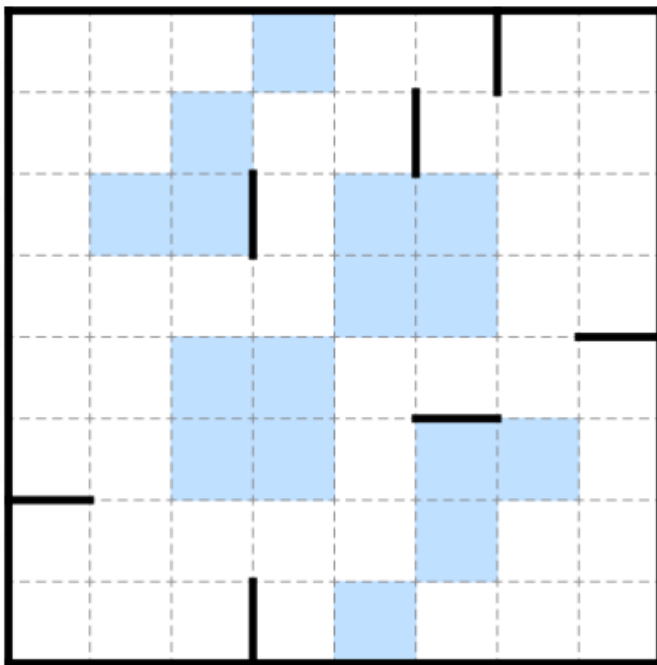
## July 4, 2022: Barns

*Tyrgannus* (Tyrgshammus)

Salutations on this most auspicious of *crimson, egg shell, and cerulean* days! *Eagle-eyed* puzzlers may have already noticed something odd about the colours chosen today, but I'm simply using my *freedom* of expression which isn't necessarily a *revolutionary* concept. While no doubt a few would suspect I would cover a genre with explosions, I personally don't think that would be very safe. These are pencil puzzles after all, and I personally like to be more than a pencil length away from *fireworks* myself. So let's gather round and reach into this refreshing cooler for a revitalizing, cold puzzle.

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

**Rules:** Draw a loop through the centers of all cells, which may not pass through bold borders. Two perpendicular line segments may intersect each other but only on icy cells. The loop may not turn on icy cells.



Example (Puzz.link): <http://tinyurl.com/2p8kp6nw>

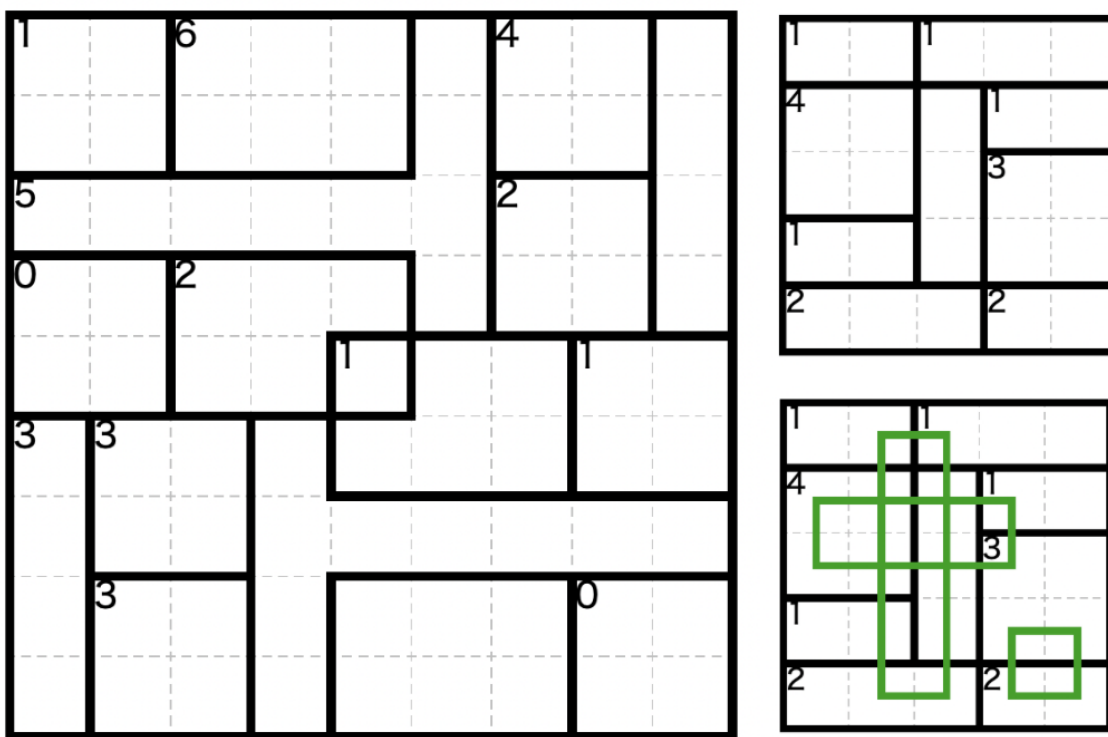
Puzzle (Puzz.link): <http://tinyurl.com/49b64bkm>

## July 5, 2022: Nagenawa

*Freddie Hand*

Today's puzzle is just a plain old **Nagenawa**. Nothing else to see here. Once you've solved the puzzle, there is little more to do than claim your animal.

**Rules:** Draw rectangular loops through the centers of some empty cells. The sides of different rectangles may intersect each other, but not turn at their intersection or otherwise overlap. A number in a region represents how many cells in the region are visited by the loops.



Example (Puzz.link): <https://tinyurl.com/2k4xdvje>

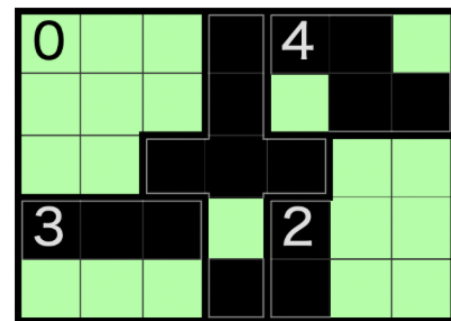
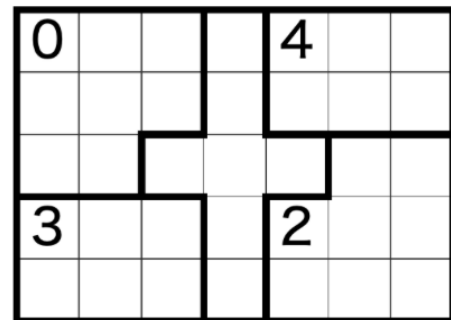
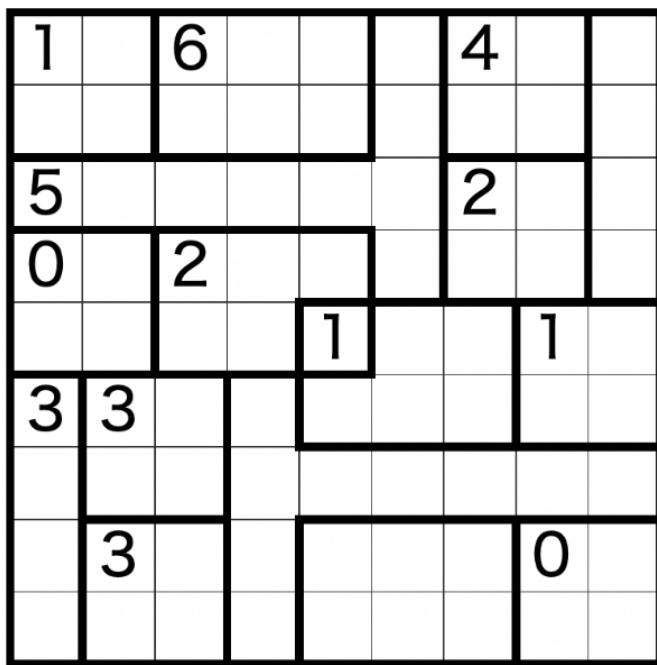
Puzzle (Puzz.link): <https://tinyurl.com/2n4prde9>

## July 5, 2022: Aqre

*Freddie Hand*

Some of you may have suspected that there was a little more to this puzzle than met the eye. And you would be correct! Today's nagenawa also works as an **Aqre**! (As shrewdly noted by some solvers in [daily-pencil-puzzle-discussion](#))

**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 four or more consecutive shaded or unshaded cells horizontally or vertically anywhere in the grid.



Example (Puzz.link): <https://tinyurl.com/yayv6utu>

Puzzle (Puzz.link): <https://tinyurl.com/4ct8vjk7>



## July 6, 2022: Kuroclone

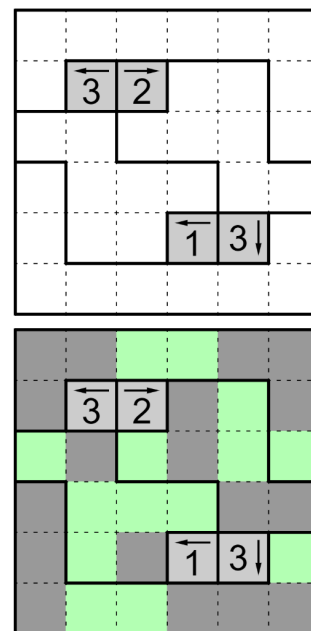
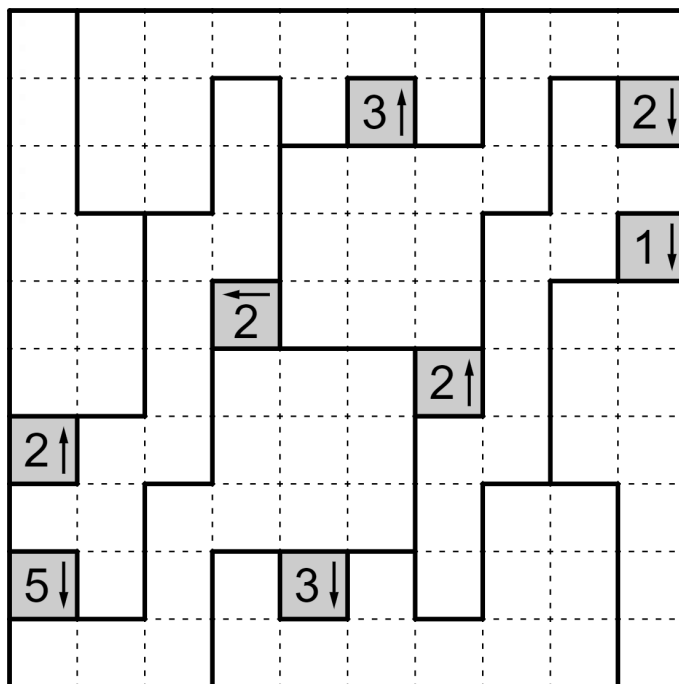
*Eric Fox*

Hello GAPP solvers! Today's genre is **Kuroclone**!

**Rules:** Shade two groups of orthogonally connected cells in each region. Both of a region's groups must have the same size and shape, but may be rotated or reflected. Shaded groups may not share a bold border. Clued cells may not be shaded, and indicate the size of a group of shaded cells which occupies the adjacent cell in the indicated direction.

Hello GAPP solvers! Today's genre is **Kuroclone**!

**Rules:** Shade two groups of orthogonally connected cells in each region. Both of a region's groups must have the same size and shape, but may be rotated or reflected. Shaded groups may not share a bold border. Clued cells may not be shaded, and indicate the size of a group of shaded cells which occupies the adjacent cell in the indicated direction.



Example (Penpa+): <https://tinyurl.com/23ryxmva>

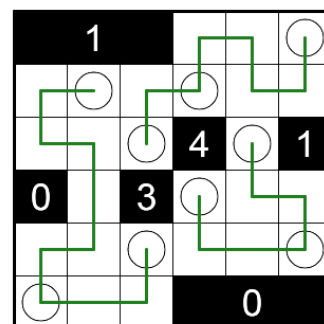
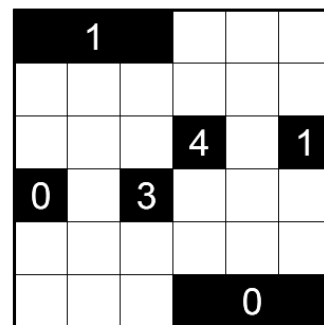
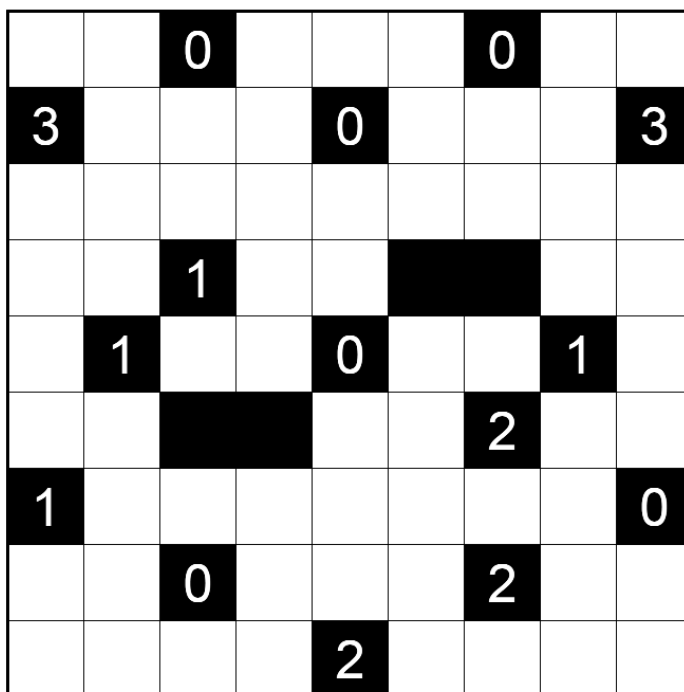
Puzzle (Penpa+): <https://tinyurl.com/28p7qwt>

## July 7, 2022: Takoyaki

*shye*

Hope you're hungry, today's GAPP is a **Takoyaki**! Based off the Japanese dish, a ball-shaped snack made using octopus. This genre combines path drawing with object placement to make for an exotic little treat, itadakimasu!

Rules: Draw non-overlapping, non-intersecting paths through the centers of white cells. Each white cell must be occupied by a path. On each path, place three circles: one on each end and another somewhere in the middle. No two circles on the same path may share a row or column. No two circles may be orthogonally adjacent, even if they're on different paths. A clue indicates the number of circles which are orthogonally adjacent to it.



Example (Penpa+): <https://tinyurl.com/vdjnk7xu>

Puzzle (Penpa+): <https://tinyurl.com/4te7csf2>

## July 8, 2022: Ayeheya

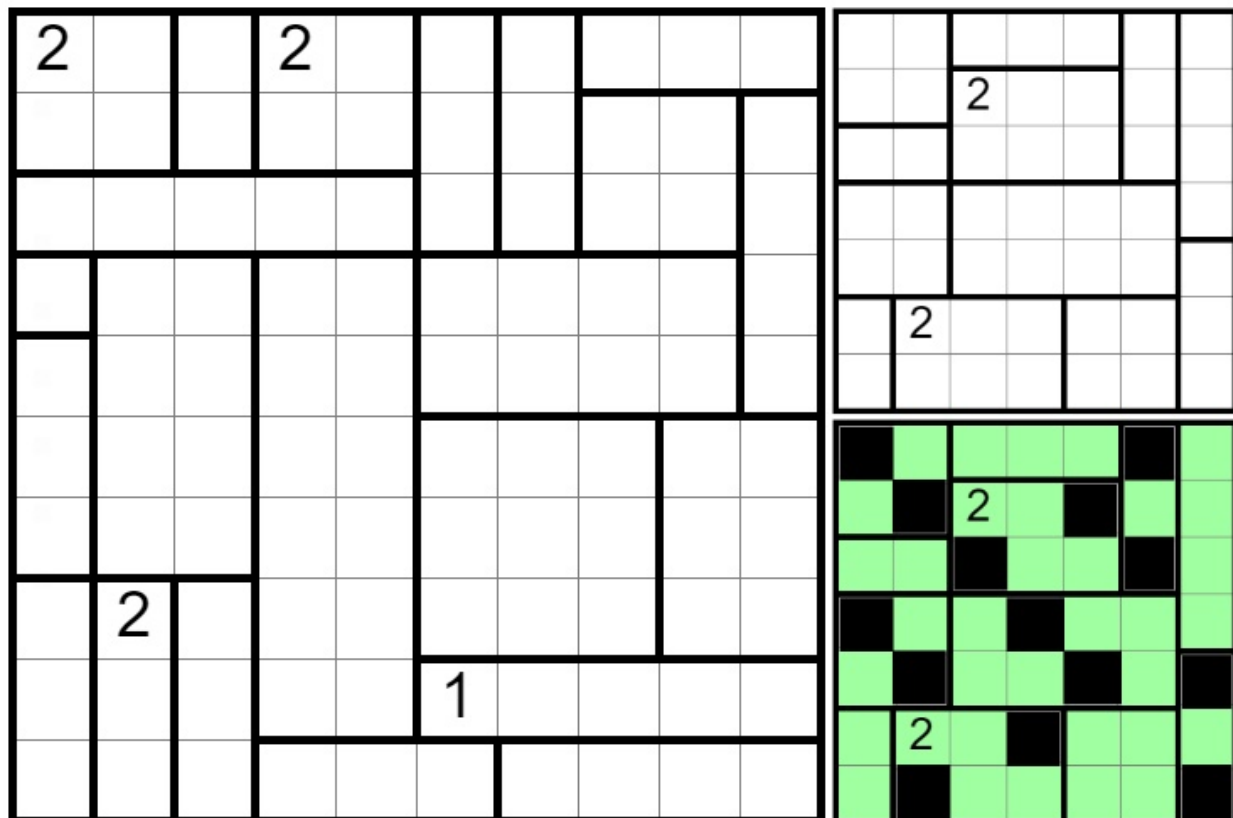
*jovi\_al*

Hi everyone! Today's puzzle is an **Ayeheya**, a variant of one of my favorite genres, Heyawake! If you'd like, feel free to take a look at the first time we covered this puzzle type, by me!

(<https://discord.com/channels/709370620642852885/911691996366786600/938711111165968414>)

**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/2p95ymk4>

Puzzle (Puzz.link): <https://tinyurl.com/bdfjjayw>

## July 8, 2022: Shimaguni

*jovi\_al*

Hi everyone! Oops! I could have sworn the puzzle I set for today was a **Shimaguni**! Perhaps the same forces that are controlling Tyrgshammus are also working on me... either way, I don't like it. We've covered this puzzle type a few times in the past, so check those out here, if you wish!

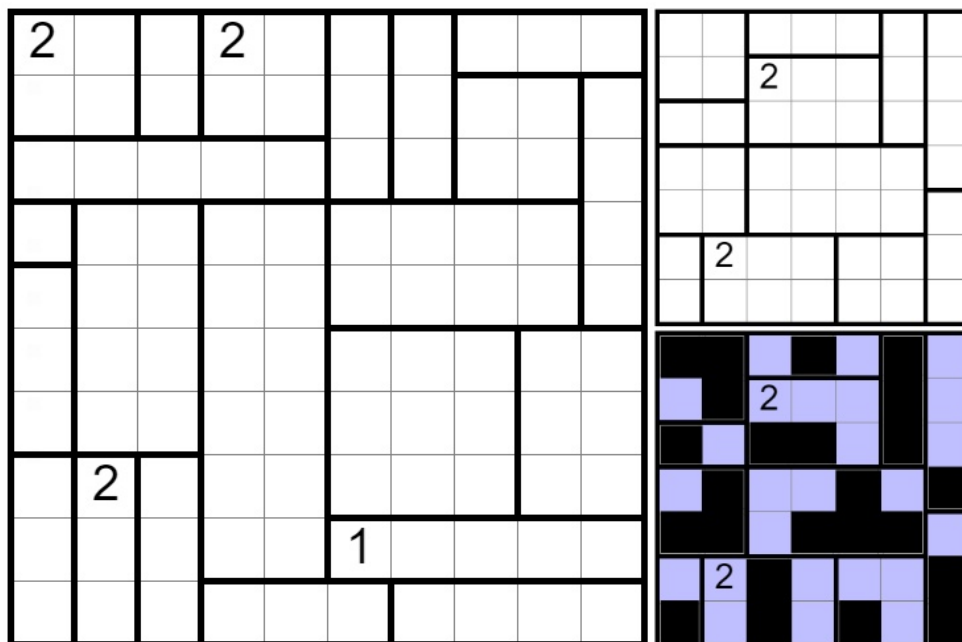
1st occurrence, by me:

<https://discord.com/channels/709370620642852885/911691996366786600/918012805179904030> Connected variant, by Tyrgannus:

<https://discord.com/channels/709370620642852885/911691996366786600/952434781449224203> Supersized, by shy:

<https://discord.com/channels/709370620642852885/911691996366786600/992664001249022012>

**Rules:** Shade a single group of orthogonally connected cells in each region. Shaded groups may not share a bold border. Regions with numbers must contain the indicated amount of shaded cells. Each region must contain at least one shaded cell, and no two adjacent regions may contain the same number of shaded cells.



Example (Puzz.link): <https://tinyurl.com/4md39hnz>

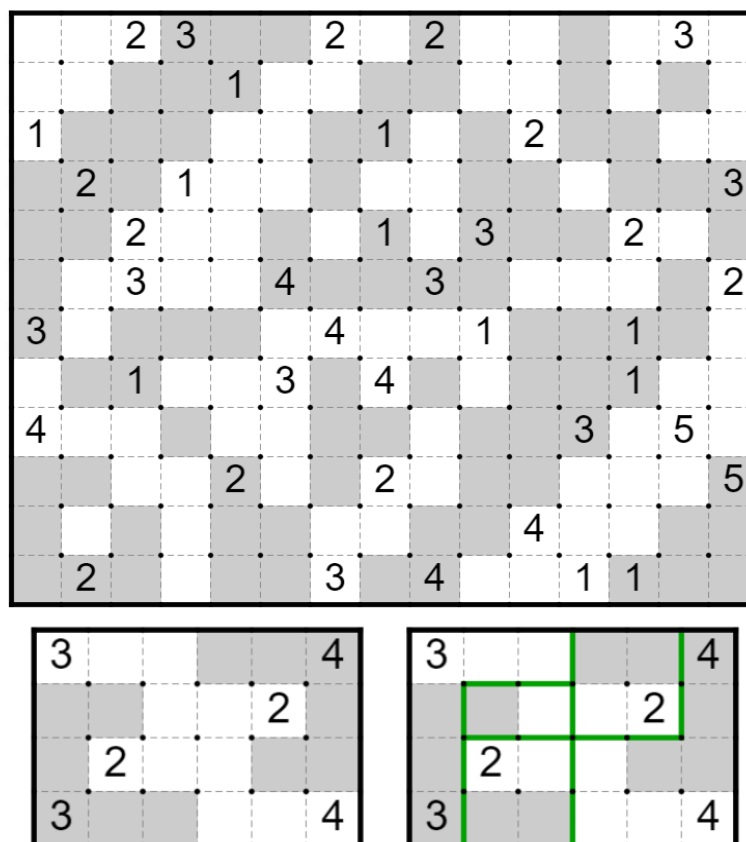
Puzzle (Puzz.link): <https://tinyurl.com/ye26bd8w>

## July 9, 2022: SUPERSIZED Double Choco

*Tyrgannus* (Tyrgshammus)

I know for you GAPP solvers it feels like you have a supersized puzzle every week (because you do), but it's often 5 weeks between **SUPERSIZED** from the same setter assuming everything is on schedule. That makes it even more sweet when it's finally our turn to make another, and talking about sweet... Today's GAPP is a **Double Choco**!

**Rules:** Divide the grid into regions of orthogonally connected cells, each containing an equal number of white and grey cells. Furthermore, the white and grey cells within each region must be orthogonally connected and have the same shape allowing rotations and reflections. Clued cells must belong to a region containing the indicated number of white cells and the indicated number of grey cells (A 3 belongs to a 6 cell region with 3 white and 3 grey). Regions are not required to contain a number clue and some regions may have multiple number clues.



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

Puzzle (Puzz.link): <http://tinyurl.com/ddtytpex>

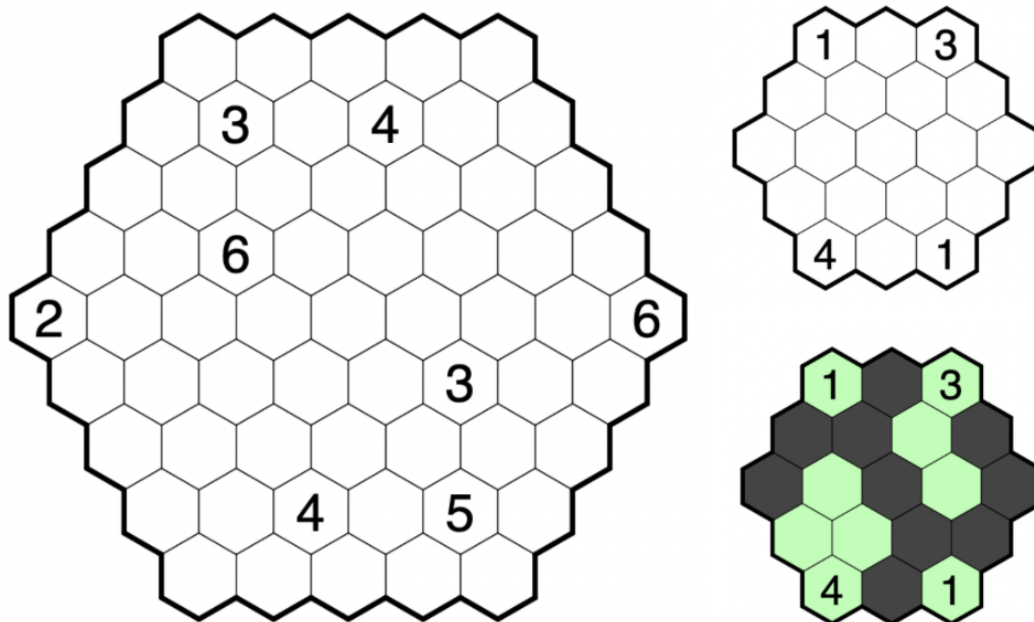
## July 10, 2022: Nurikabe (Hexagonal)

*Freddie Hand*

Hello. Today's puzzle is a **Nurikabe (Hexagonal)**, which is surprisingly on an irregular grid. No particular reason for that.

**Rules:** Shade some cells so that all shaded cells form one orthogonally connected area. 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. *No internal vertex can be entirely surrounded by shaded cells, i.e no 3-cell 'triangle' can be entirely shaded.*

**Note:** this variant differs from Nurikabe only in the last (italicized) sentence.



Example (Penpa+): <https://tinyurl.com/2g236dj3>

Puzzle (Penpa+): <https://tinyurl.com/2ebd4op3>

## July 11, 2022: Magnets

*Eric Fox*

Get ready, folks, for the most attractive puzzle on GAPP yet! Whether you're feeling positive or negative about this, there's something here for you! Behold, **Magnets**!

**Rules:** Place pluses and minuses into some cells such that the numbers outside the grid equate to how many of the indicated symbol appear in the corresponding row or column. An outlined domino either contains no pluses and no minuses, or one cell with a plus and one cell with a minus. No two symbols of the same type may appear in orthogonally adjacent cells.

+	-	3			2		2		0
			2	4		2		0	
1									
	1								
	2								
3									
	3								
2									
	1								
4									

+	-	2	0		
			1		1
0					
2	0				
1					

+	-	2	0		
			1		1
0					
2	0	+			+
		-			-
1		+	-		

Example (Penpa+): <https://tinyurl.com/2gr9o4om>

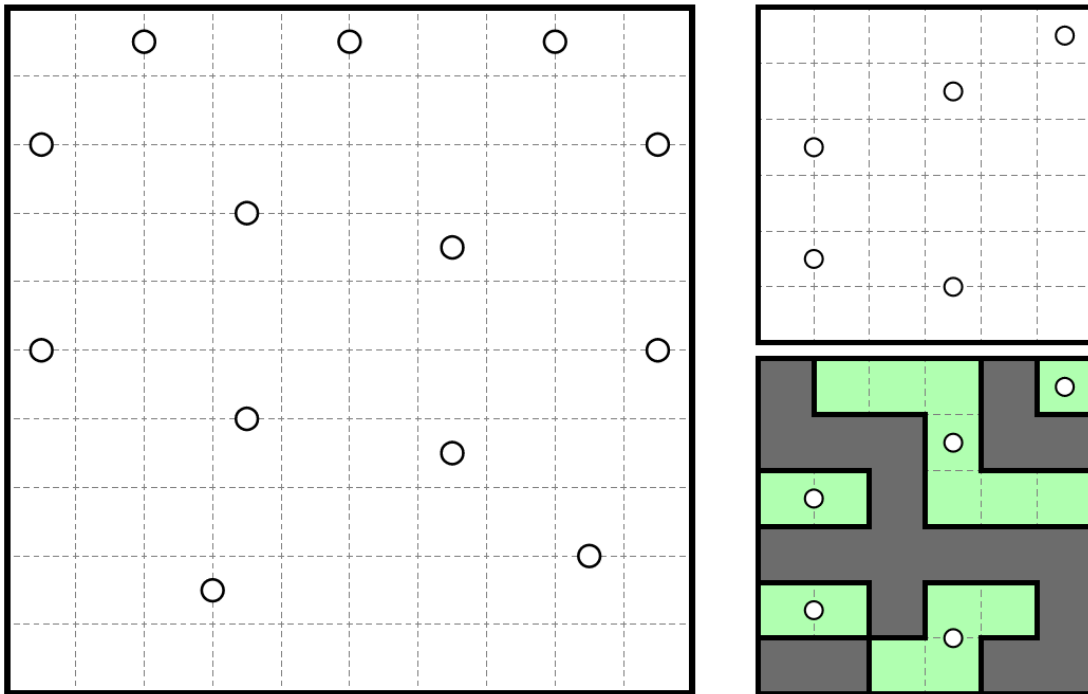
Puzzle (Penpa+): <https://tinyurl.com/2pajljq6>

## July 12, 2022: Nuri-Uzu

*shye*

"Nuri" is one of the puzzling world's most popular prefixes for genre names; meaning "Paint", it is often used for shading types, in particular those that disallow 2x2s of shaded cells. There are at least eight non-variant nuri genres on Eric's puzzle rules document, and I wouldn't be too surprised to learn of more! Today's GAPP is one of them, a **Nuri-Uzu**, where the "Uzu" means "Whirlpool".

**Rules:** Shade some cells such that each group of orthogonally connected unshaded cells contains exactly one circle and has 180° rotational symmetry around it. No 2x2 area may be entirely shaded or unshaded.



Example (pzprxs): <https://tinyurl.com/5y9na4p2>

Puzzle (pzprxs): <https://tinyurl.com/ydday2nj>



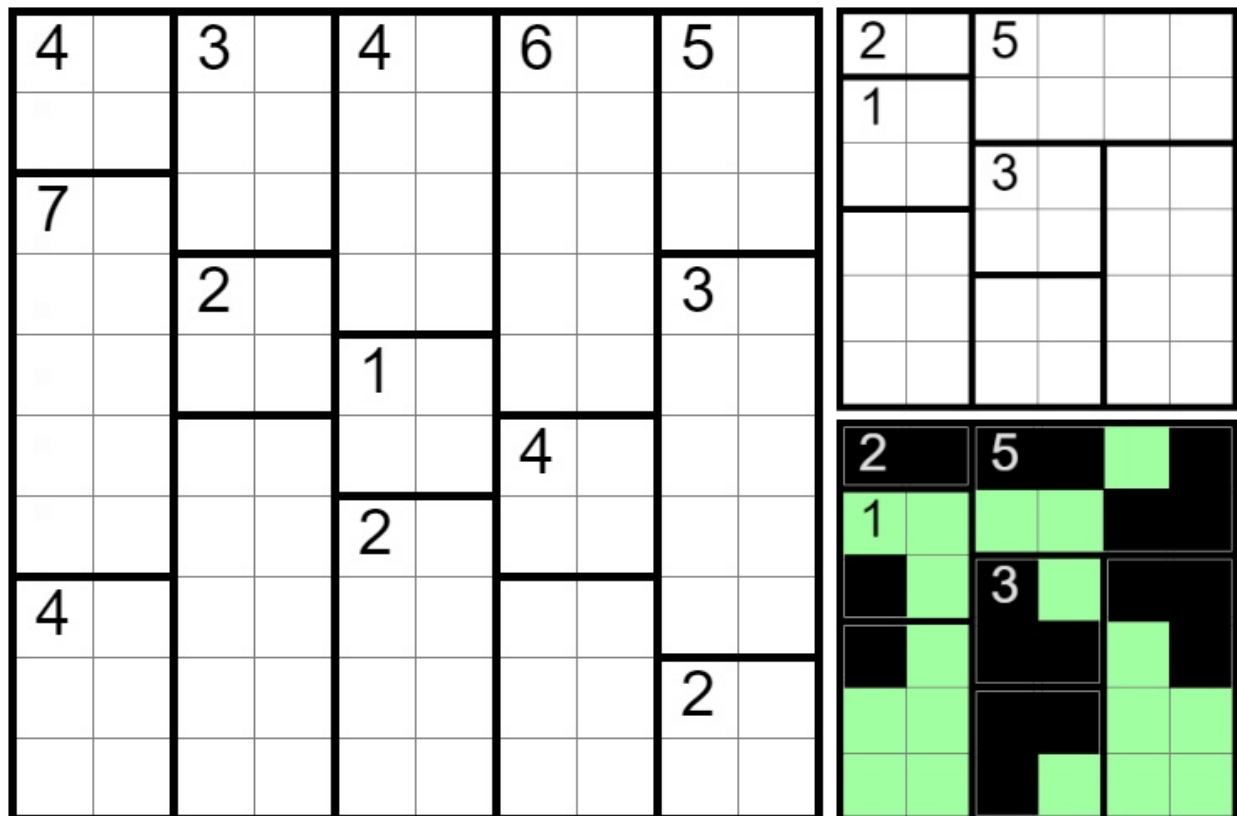
## July 13, 2022: Hinge

jovi\_al

Continuing from yesterday's theme of symmetry-based puzzles, today's is a shading puzzle type that I had not heard of before yesterday! I think most of you will really enjoy it, though! This does mark only the second time I've made four non-loop puzzles in a row for GAPP, the first time being the first four puzzles I made for GAPP! Counting *Ring-Ring* and *Nagenawa* as loop genres, my actual longest streak is five puzzles! Maybe I'll tie that... maybe I'll break it...

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

**Rules:** Shade some cells such that each group of orthogonally connected cells is cut only once by a single straight segment of region borders, across which it must have reflectional symmetry. Numbered regions must contain the indicated amount of shaded cells.



Example (pzprxs): <https://tinyurl.com/4bm3xzs8>

Puzzle (pzprxs): <https://tinyurl.com/2p9b398w>

## July 14, 2022: Army Ants

*xoned*

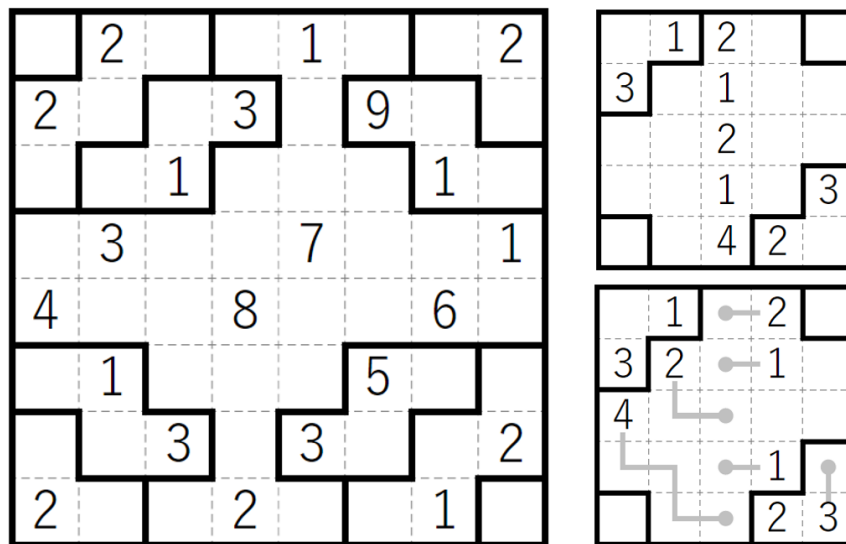
Hello GAPP

I know, I know. I'm not Tyrgannus or that Tyrgshammus fellow. But, in spirit, for just this moment, I am. Today you get a GAPP from me. A one time scenario that came around, that I was graciously allowed to follow through with. To explain briefly, I am one of the two little gremlins (oh, and a third, head gremlin Bakpao) that work behind the scenes to help ensure unique and GAPPable puzzles for everyone to solve. I have been involved in GAPP since the beginning and have enjoyed every second of helping provide these puzzles for everyone.

But this unique scenario is the only reason that I get to be Tyrgannus for a day, so I humbly ask everyone to not bother your regular day GAPP providers with desires to be a guest poster. It will just take time away from their ability to make good GAPP puzzles for everyone to enjoy. Additionally, my little army of ants will come and annoy anyone who tries to do so. You have been warned.

On an unrelated note, Today's Gapp is an **Army Ants**

**Rules:** Move some numbers such that each orthogonally connected group forms a sequence of consecutive numbers, starting with 1. Each number in the sequence must be orthogonally adjacent to the next. A number may move vertically and horizontally any number of times, but may not pass through bold borders. Each cell may be used at most once: as a number's starting point, part of a path, or a number's final destination.



Example (Puzz.link): <https://tinyurl.com/ysn8z23z>

Puzzle (Puzz.link): <https://tinyurl.com/28z9nbv6>

## July 15, 2022: Hebi-Ichigo

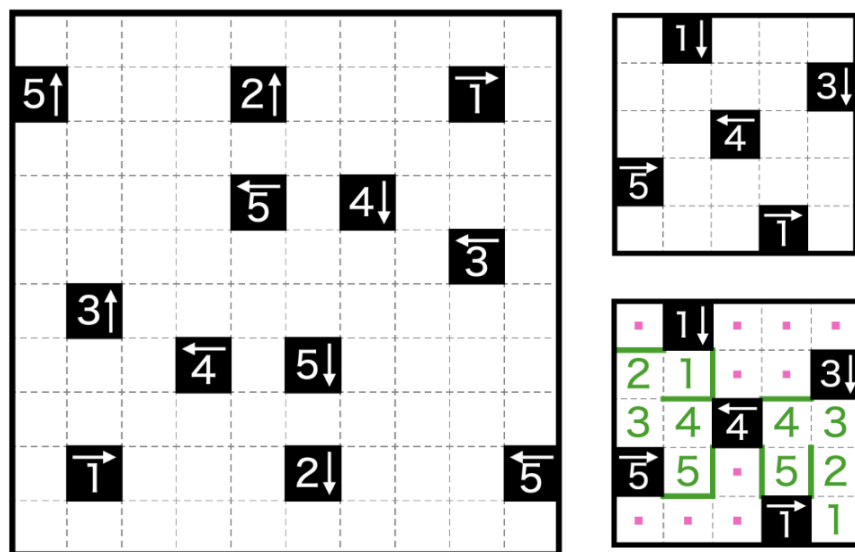
*Freddie Hand*

Yesterday's puzzle featured the lowly ant. Today we are moving up the food chain to pay a visit to the snakes in this **Hebi-Ichigo**. These snakes may be small but they have the terrifying ability to turn anything they see to stone. Fortunately they only see in 1 dimension (if they had normal eyesight we'd have the next Stonehenge in seconds...). Can you navigate your way around these Medusan reptiles and keep everything alive?

**Rules:** Place numbers into some empty cells such that each orthogonally connected group forms a sequence of consecutive numbers from 1 to 5. Each number in the sequence must be orthogonally adjacent to the next. These groups may not share an edge with one another. The 1 in a sequence must not be able to see any numbers **in a straight line in the direction it's pointing (away from its adjacent 2)** unless a clued cell blocks its view. A clue represents the first number seen in the indicated direction, up until the next clued cell in that direction.

**BEWARE:** Pointing away from the 2 means *only* pointing along the line through the 2 and the 1! For example, if there is a 1 in R1C2 and a 2 in R1C1, there cannot be any other numbers in R1, but there can be other numbers in C1!

Side note: Though they have not been used for these puzzles, 0 clues are allowed, and indicate an absence of numbers up until the next clued cell.



Example (Puzz.link): <https://tinyurl.com/ybn9ysdk>

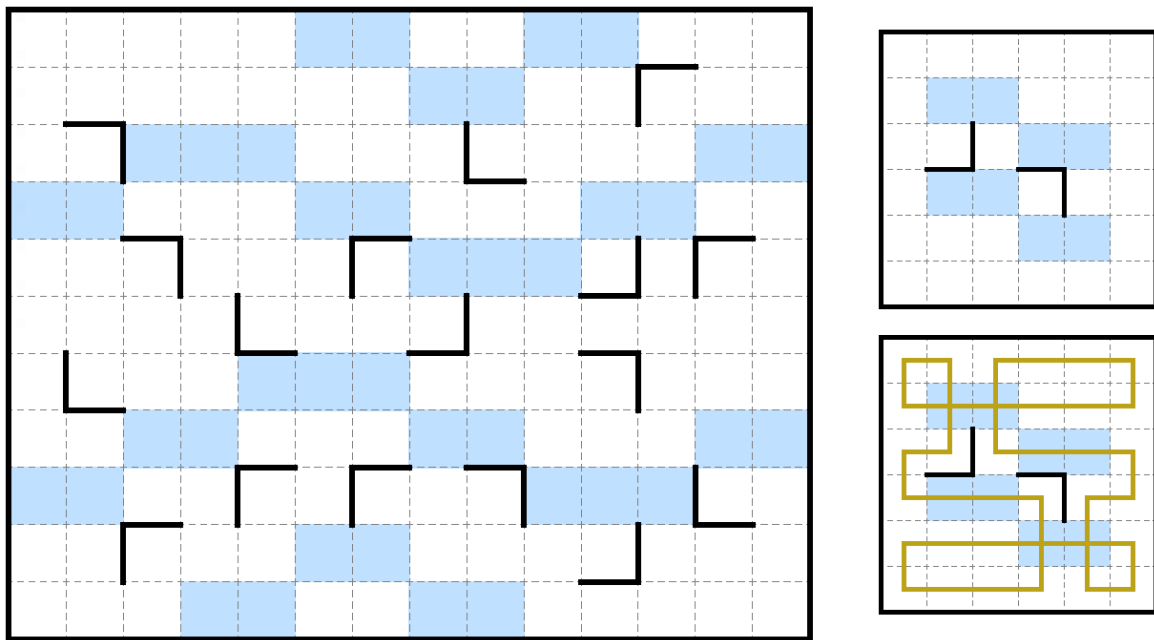
Puzzle (Puzz.link): <https://tinyurl.com/ywnmzx8m>

## July 16th, 2022: SUPERSIZED Barns

*Eric Fox*

It's once again time for **Supersized Saturday**! Hmm, what genre should I supersize? One with *beautiful logic* perhaps - Oh look, a snowflake! That reminds me of ice which is a prominent feature of a Barns puzzle! What a smooth and seamless transition into telling you that today's puzzle is **Barns**!

**Rules:** Draw a loop through the centers of all cells, which may not pass through bold borders. 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.



Example (Puzz.link): <https://tinyurl.com/yhzm9vmm>

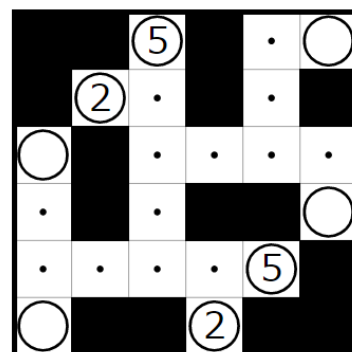
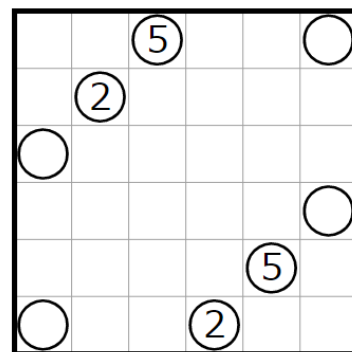
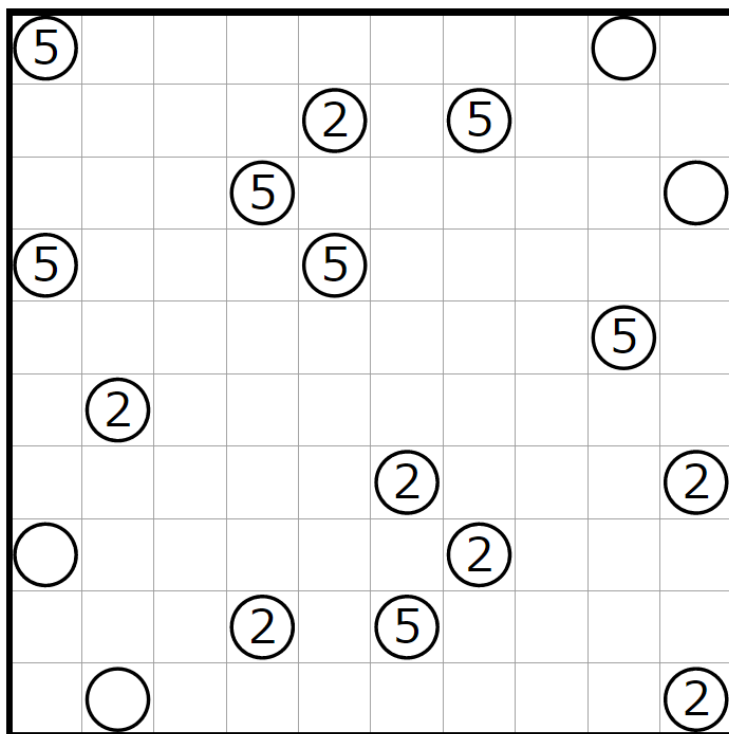
Puzzle (Puzz.link): <https://tinyurl.com/ycc4fe6h>

## July 17th, 2022: Nurimisaki

*Shye*

Today I have another "Nuri" puzzle for you, a nuri-ddle if you will (ok that was bad, I'll admit). A bit surprised we haven't got around to this one for GAPP yet! **Nurimisaki** is one of the classic Nikoli inventions, so if you enjoy it there are plenty more floating around to try out.

**Rules:** Shade some cells so that the remaining unshaded cells form one orthogonally connected area. No 2x2 region may be entirely shaded or unshaded. Circles mark **every** instance of a cell which is unshaded and orthogonally adjacent to exactly one other unshaded cell. If a circle contains a number, it indicates how many cells are in the straight line of unshaded cells coming out of the cell with the circle, including itself.



Example (Puzz.link): <https://tinyurl.com/4arnw46x>

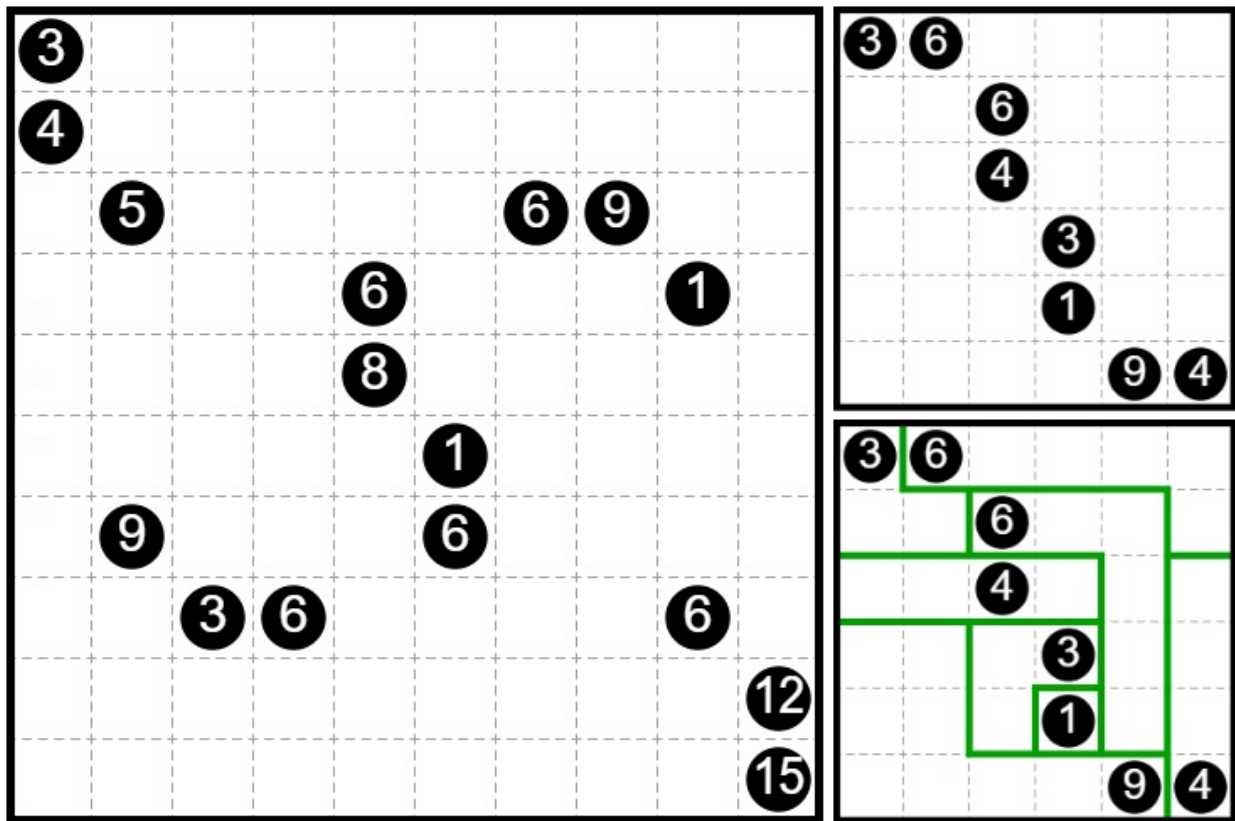
Puzzle (Puzz.link): <https://tinyurl.com/5n7zkxyc>

## July 18th, 2022: Aho-ni-Narikire/Aho

jovi\_al

Today's GAPP is of a region division puzzle type called **Aho-ni-Narikire**, often just shortened to **Aho**! This genre is inherently pretty tricky, so if you get stuck, much like *Shikaku*, the thing to consider is ernpunovyvg!

**Rules:** Divide the grid into regions of orthogonally connected cells. Each region must contain exactly one clue, the value of which represents the number of cells in the region. If the number of cells in the region is a multiple of 3, the region must be an L shape (a rectangle with another rectangle smaller in both dimensions removed from a corner). If the number of cells in the region is not a multiple of 3, the region must be rectangular.



Example (Puzz.link): <https://tinyurl.com/48yf9kt6>

Puzzle (Puzz.link): <https://tinyurl.com/bddvbp26>

## July 19th, 2022: Sashikabe

*Tyrgannus*

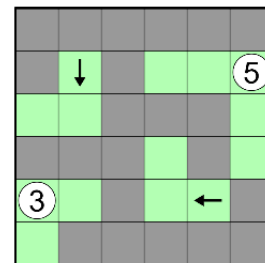
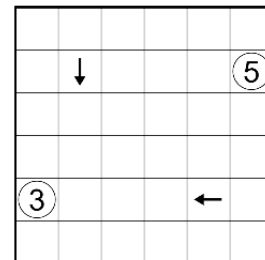
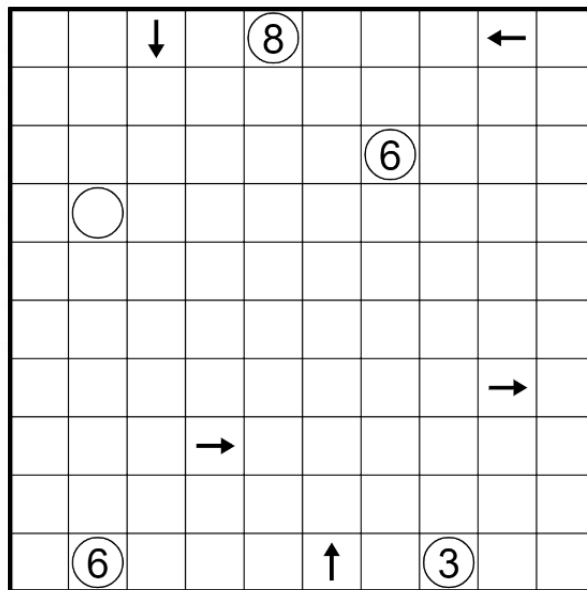
It seems that you all have been unfortunately acquainted with the dastardly @Tyrgshammus , Master of Bamboozlery and Duke of Deductions. I was off doing reconnaissance to find out more about these sinister doppels that have been cropping up when they infiltrated GAPP HQ. My apologies, I won't let my guard down again! In the meantime, I see they wanted to make a Nurikabe, but I myself made a Sashigane. Wait...I think I somehow made a hybrid of the two? *What could this mean?!*

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

**Rules:** Shade some cells so that all shaded cells form one orthogonally connected area. Clues cannot be shaded, and no 2x2 region may be entirely shaded. Each unshaded area must be an L shape with a width of one cell. Arrows must lie at one end of an L and point toward the bend. Circles must lie at the bend of an L, and if one contains a number, the L it's inside must contain the indicated amount of cells.

**PLEASE TAKE NOTE** An unshaded "L" area does not necessarily need a clue, and it may even have multiple! Very important! Also, make sure to remember that "L"s are always one-cell wide unlike yesterday.

For those who have gone through the channel, this really is just a hybrid of Nurikabe and Sashigane, both of which have been done in this channel multiple times!



Example (Penpa+): <https://tinyurl.com/2p863b8j>

Puzzle (Penpa+): <https://tinyurl.com/2p9bu2vb>

## July 20th, 2022: BACA

*Freddie Hand*

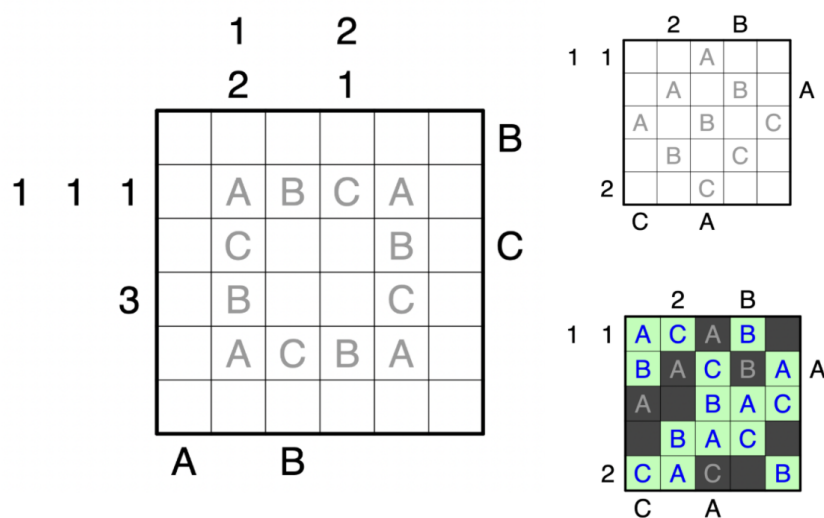
You may recall that GAPP covered an Easy as ABC in its infancy

(<https://discord.com/channels/709370620642852885/911691996366786600/911697753934037072>).

Today's puzzle is a **BACA**, but it may as well be called Hard as ABC, what with the nonogram-style clues and shadeable letters. Certainly one will need familiarity with 123 as well as BACN to solve this puzzle.

**Rules:** Either shade or add a single letter (A, B, or C) to each square so that each row and column contains exactly one A, one B, one C, and the rest shaded squares. Cells in the grid already marked with a letter can be shaded or remain unchanged. Clues outside the grid include both letters and numbers. Letters indicate the first letter seen from that direction. Numbers describe the size of groups of consecutive shaded squares in that row or column in order. There must be at least one unshaded square between groups. (I.e. number clues operate as in Nonogram)

**BEWARE:** To trigger answer check you need to mark all letters and shaded cells! You can select the link corresponding to overwriting grey letters or not overwriting grey letters for answer check. (In the example solution the grey letters are overwritten in blue).



Example (Penpa+): <https://tinyurl.com/2awndl8j> (overwrite) or <https://tinyurl.com/24en3729> (do not)

Puzzle (Penpa+): <https://tinyurl.com/235twzep> (overwrite) or <https://tinyurl.com/26xucfkb> (do not)

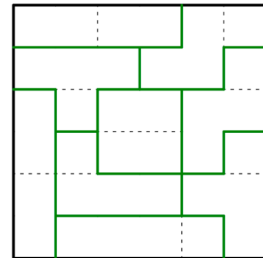
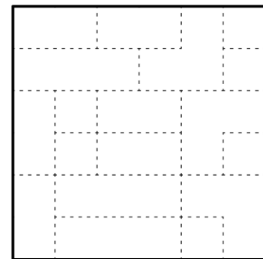
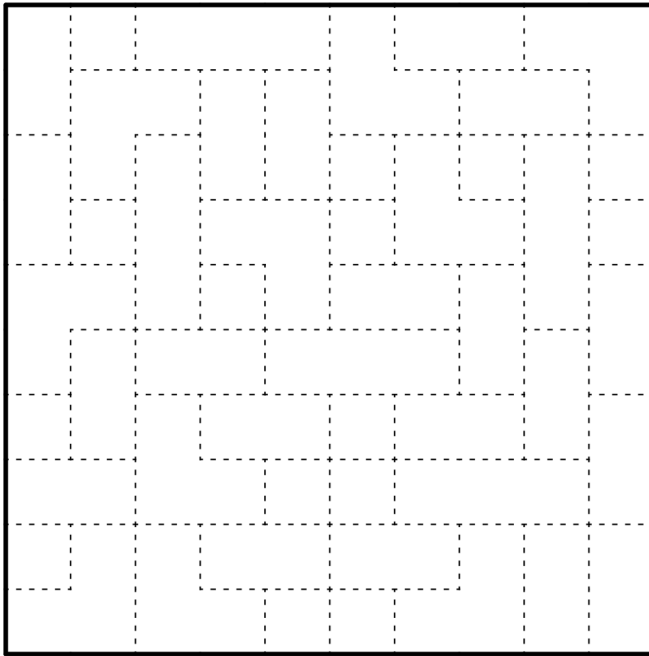


## July 21st, 2022: Joint Cells

*Eric Fox*

You may remember a genre I covered on GAPP called Yonmasubunkatsu, involving dividing the grid into four-cell regions each containing one circle. Well today we have another genre about four-cell regions by the same inventor: Naoki Inaba! This genre is called **Joint Cells**.

**Rules:** Combine groups of orthogonally connected regions such that each group consists of exactly four cells.



Example (Penpa+): <https://tinyurl.com/2h82j3fu>

Puzzle (Penpa+): <https://tinyurl.com/2og55v3a>

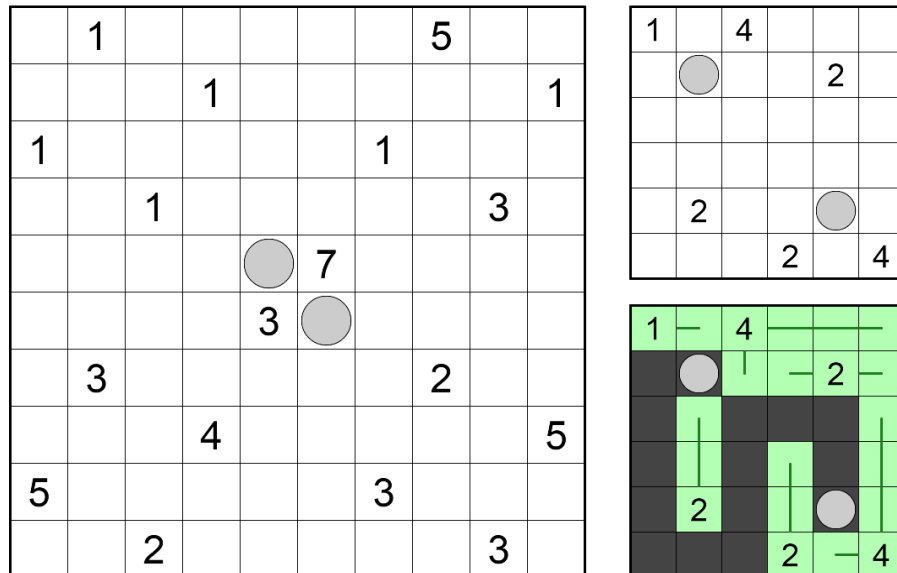
## July 22nd, 2022: Moc Macek

*Shye*

There's two big indicators of a puzzle genre being obscure and wacky. Firstly, if the name is in a language other than English or Japanese (bonus points if its a completely made up word), and secondly if the traditional presentation of it doesn't comply all too well with Penpa\*. Today's **Moc Macek** meets both of these requirements, so strap in because you might find it a little mind-bendy! I promise I didn't go too rough on you though

**Rules:** Shade some cells to form a non-intersecting path which does not touch itself orthogonally. Circles mark the ends of the path. Numbered cells cannot be shaded. Additionally, draw one or more straight arrows extending from each number. A number indicates the sum of the lengths of the arrows extending from it. Arrows may not cross each other, clued cells, or the shaded path, and all cells not used by the path must be reached by an arrow.

\*Although typically you'd be drawing arrows out of each clue, today we are using the Middle Line mode. It's close enough, right?



Example (Penpa+): <https://tinyurl.com/ru6e3rv4>

Puzzle (Penpa+): <https://tinyurl.com/yay28te9>

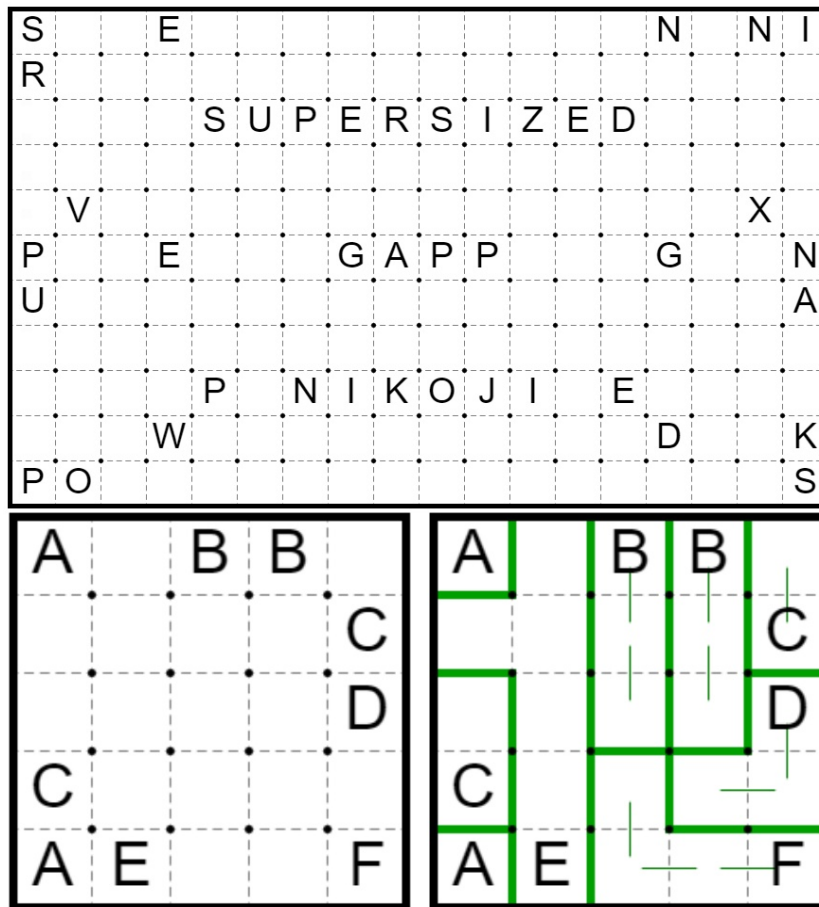
## July 23rd, 2022: SUPERSIZED NIKOJI

*jovi\_al*

Today's S U P E R S I Z E D GAPP is a **NIKOJI**! Don't believe me? It says so in the puzzle!

**Rules:** Divide the grid into regions of orthogonally connected cells, each containing exactly one clue. Regions with the same clue type must be exactly identical in shape, orientation, and position relative to the clue. Regions with different clue types may not be the same shape, counting rotations and reflections as the same. Try the first time we covered this genre with a lovely puzzle by shy:

<https://discord.com/channels/709370620642852885/911691996366786600/976350866678378536>



Example (Puzz.link): <https://tinyurl.com/47dv37vs>

Puzzle (Puzz.link): <https://tinyurl.com/4dsw9szz>

## July 24th, 2022: Heyawacky

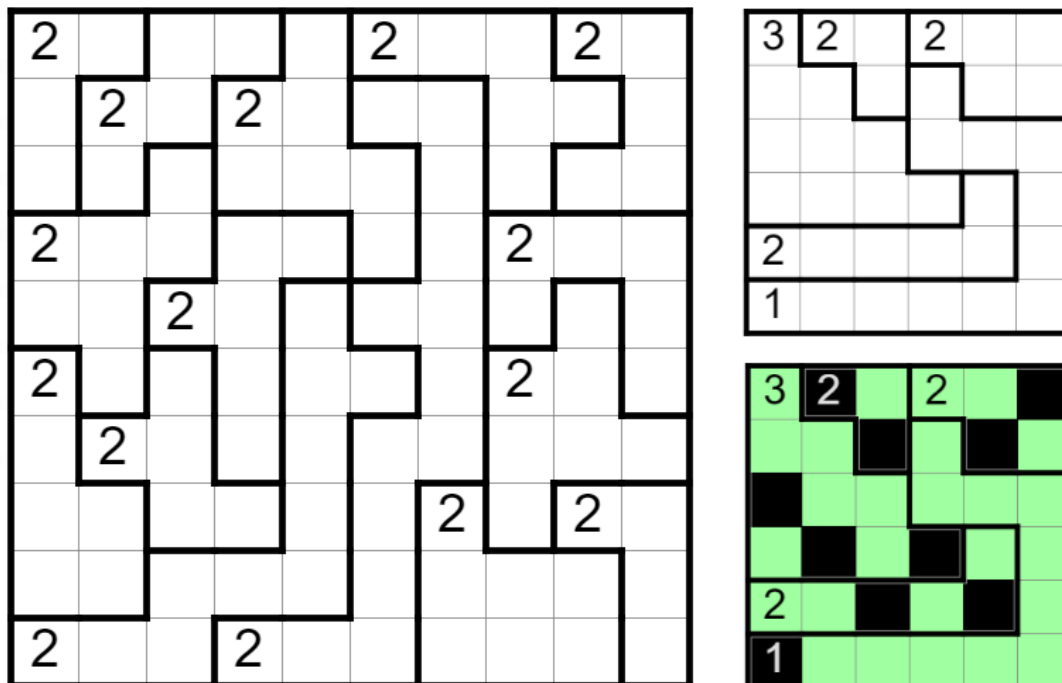
*Tyrgannus*

Those who are familiar with my journey through the world of puzzles may know that one of the very first pencil puzzles I learned (other than sudoku) was Heyawake. Others may know that I am quite partial to irregular shaped regions regardless of genre and have made several GAPPs with funny shaped regions. Well, I'm in luck, because those two concepts fuse perfectly for this most wonderful variant!

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

**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 regions are wacky shapes (Non rectangular)!



Example (Puzz.link): <https://tinyurl.com/5ch5j8xw>

Puzzle (Puzz.link): <https://tinyurl.com/2p8udewr>

## July 25th, 2022: Hakoiri-Masashi/Hakoiri

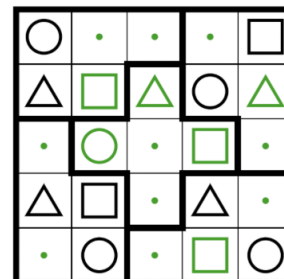
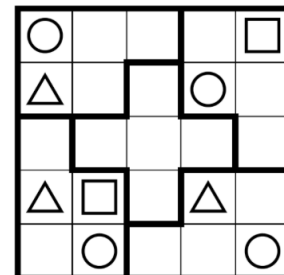
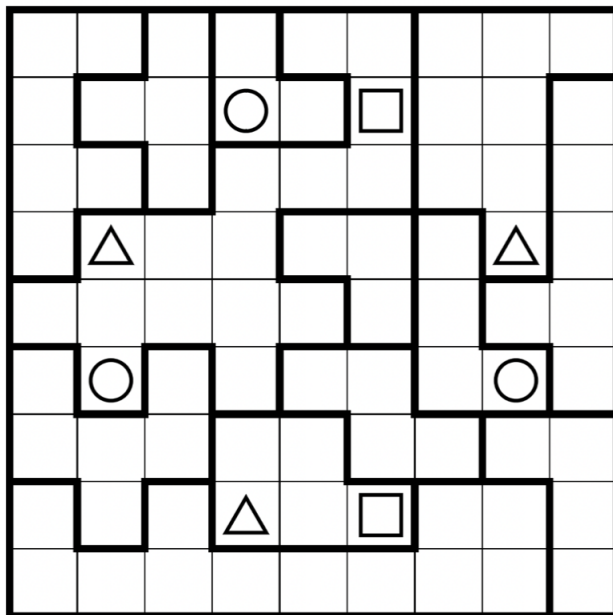
*Freddie Hand*

Before we begin, I have an exciting announcement to make! IHNN brings you *Yajilin Yacht or Yatch*, the latest of the excellent daily contest series on logicmastersindia! There are as many as 16 Yajilins each to be solved over a 30-hour window. The official contest has not started yet, but there are already a few trial puzzles live to warm up with! For more information check out this link:

<https://discord.com/channels/709370620642852885/723891943284670484/1000797302757277727> Today's puzzle genre is a fun one to say. (It wouldn't be the first!) **Hakoiri-Masashi** - or **Hakoiri** for short - is a name which would not seem out of place in Figaro's Aria. Though I'm not sure how a barber would fare with making sure no two of the same shape touch...

**Rules:** Place some circles, triangles, and squares into the grid such that each cell contains at most one shape and the cells containing shapes form one orthogonally connected area. Each region must contain one of each shape. Two copies of the same shape may not touch one another, not even diagonally.

**SOLVING NOTE:** If you are on a keyboard-equipped device, you can type 1,2,3 to enter circle, triangle and square respectively! It's easy to remember because a circle has 1 side, a triangle has 2 sides, and a square has 3 sides!



Example (Puzz.link): <https://tinyurl.com/y6zarxbv>

Puzzle (Puzz.link): <https://tinyurl.com/ym43dr79>

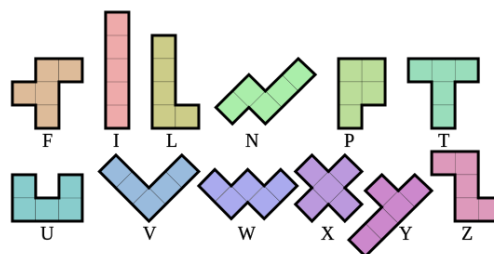
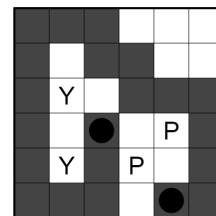
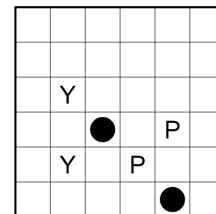
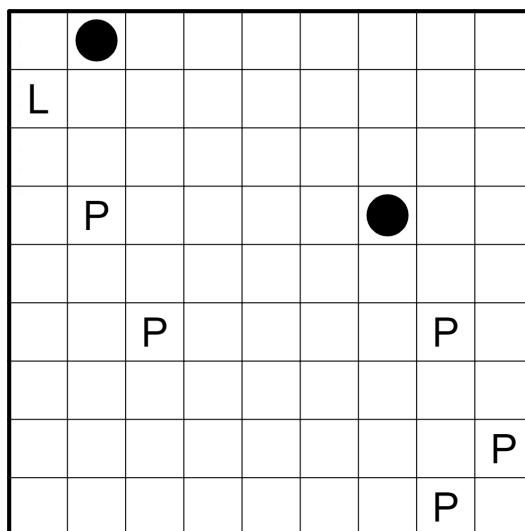
## July 26th, 2022: Pentosnake

*Eric Fox*

It's time for a controversial genre... Some people love it (those people being me), some people are doubtful, but most just haven't tried it! This is **Pentosnake**, a puzzle type that's notoriously very, very difficult to construct, but that doesn't mean they can't be approachable to solve!.

**Rules:** Shade some cells to form a non-intersecting path which does not touch itself orthogonally. Circles mark the ends of the path. Each orthogonally connected area of unshaded cells must be exactly five cells in size. Clues cannot be shaded, and contain the letter associated with the pentomino shape of their unshaded area.

Attached below is a guide for the shapes that letters correspond to.



Example (Penpa+): <https://tinyurl.com/27sqosb2>

Puzzle (Penpa+): <https://tinyurl.com/22szhryy>

## July 27th, 2022: Canal View

*Shye*

We're revisiting **Canal View** today! If you can even remember it, that is, as it's been quite a while since the first one And as we here at GAPP often do with repeated genres, we like to switch things up a bit to keep things fresh. There's a common idea in this one that you may like a hint for: (rot13) Pbzovavat gur pbaarpgvivgl ehyl jvgu gur 2k2 nibvqnpr ehyl jvyy trg lbh bhg bs n fgvpxl fvghngvba!

**Rules:** Shade some cells so that all shaded cells form one orthogonally connected area. Clues cannot be shaded, and represent the number of shaded cells connected in a straight line horizontally or vertically to the clue. No 2x2 region may be entirely shaded.

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

4						4
					6	
	4					
6						6

4						4
.	.		.			.
.					6	.
	4	.				
		.		.		
6						6

Example (pzprxs): <https://tinyurl.com/mwpdkns9>

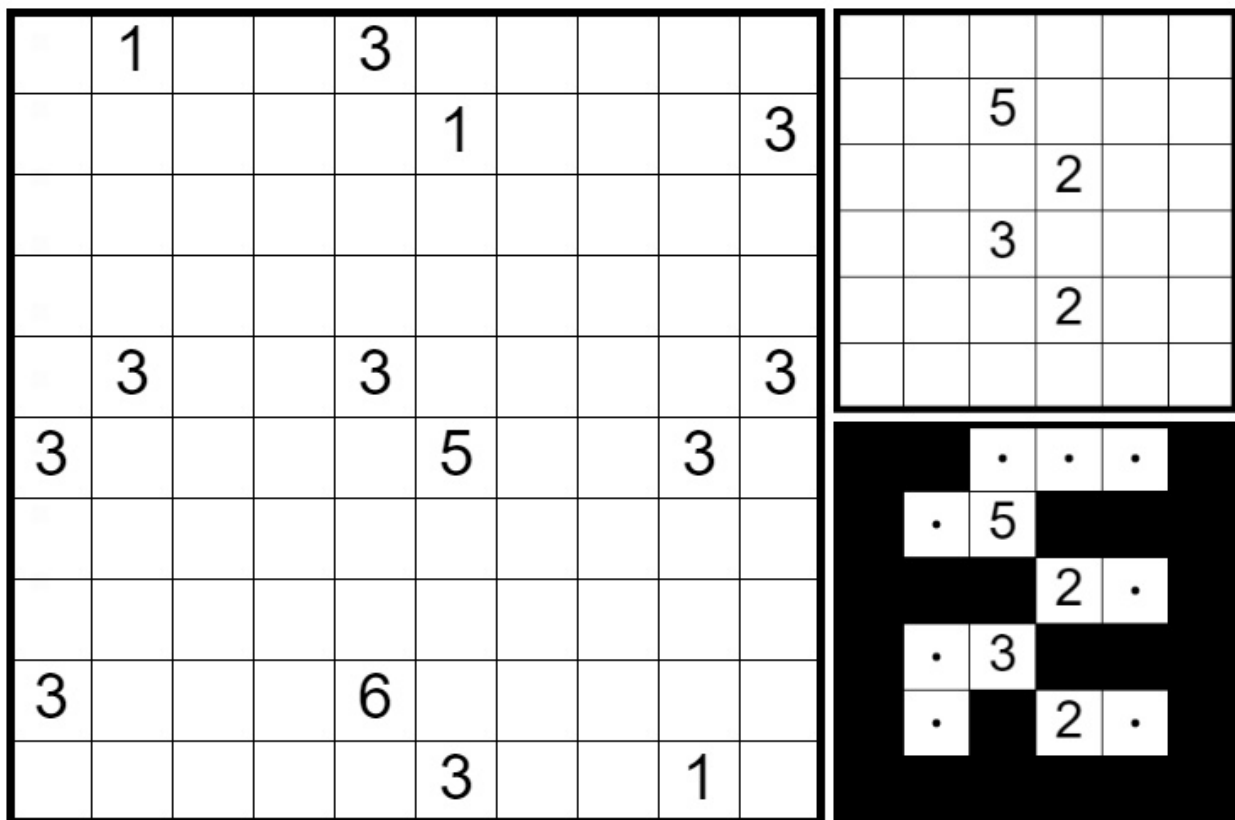
Puzzle (pzprxs): <https://tinyurl.com/2ty6b953>

## July 28th, 2022: Nurikabe

jovi\_al

Today's GAPP is a **Nurikabe**! No special variants or anything like that today! We've covered this genre a number of times in the past, so I'm sure some of our more seasoned solvers are more than ready for this one.

**Rules:** Shade some cells so that all shaded cells form one orthogonally connected area. 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. No 2x2 region may be entirely shaded.



Example (Puzz.link): <https://tinyurl.com/3ux6nfn4>

Puzzle (Puzz.link): <https://tinyurl.com/2p94ekfe>



### July 29th, 2022: Triple Back

*Tyrgannus*

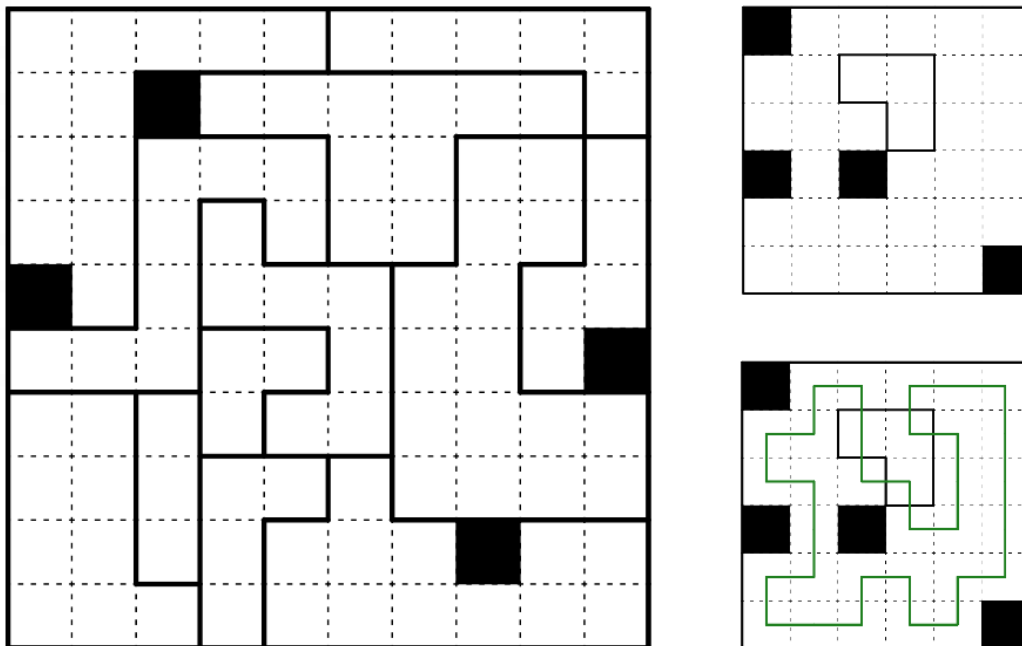
Every now and again at GAPP HQ, we like to revisit genres that we have previously covered. Sometimes, however, we want to do something new AND revisit old territory . I find one of the best ways to balance that is with a variant, so that when you take that *trip and double back* on the catalogue, it can still feel fresh. We're not trying to throw you for a *loop*, truly, but we like to branch out while still staying within the same *region* of logic sometimes.

Today's GAPP is a **Triple Back!**

**Rules:** Draw a non-intersecting loop through the centers of all empty cells which passes through each region exactly **three** times. This is similar to Jovi's Double Back quite a bit ago, but instead of passing through each region twice, the loop must pass through each region three times! Here's a link in case you want to work through a similar puzzle in the original genre. The link is a Double Back which means the loop passes through each region twice, whereas today's puzzle is a Triple Back where the loop passes through three times.

<https://discord.com/channels/709370620642852885/911691996366786600/9125685330603172>

04 Be sure to pay close attention to know many times the loop enters and exits while solving!!



Example (Penpa+): <https://tinyurl.com/23udwh73>

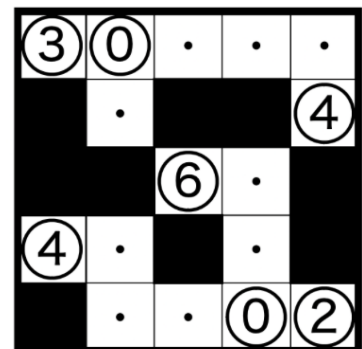
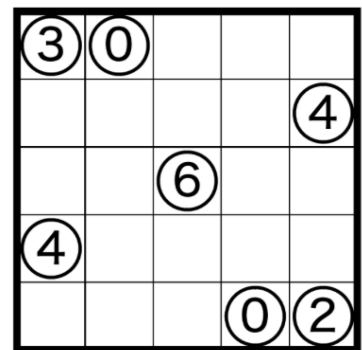
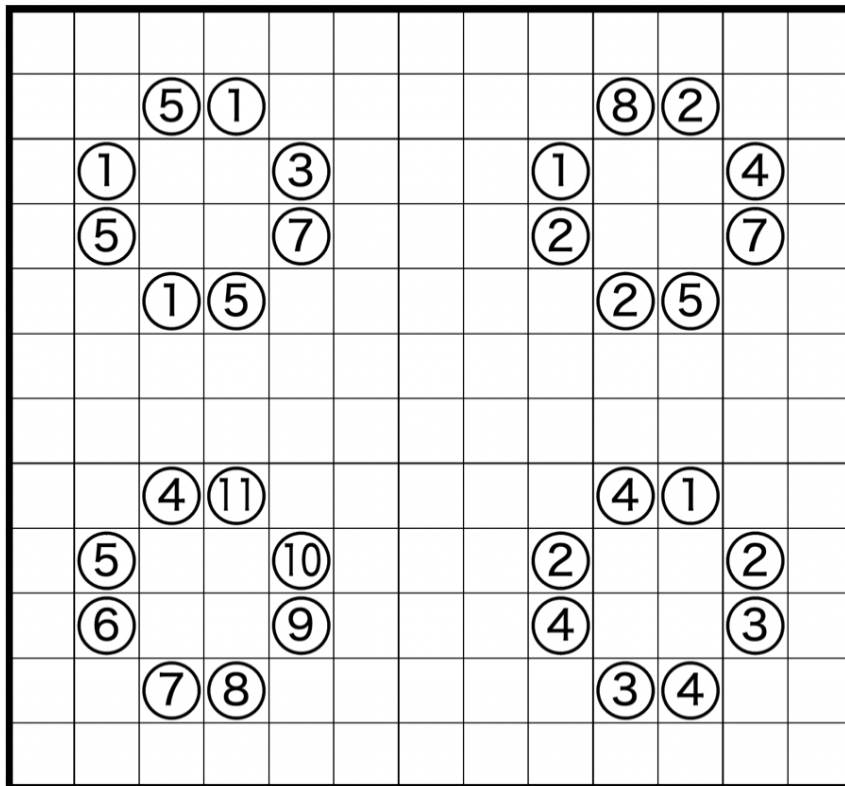
Puzzle (Penpa+): <https://tinyurl.com/yc8bb4b4>

## July 30th, 2022: SUPERSIZED Kurotto

*Freddie Hand*

We've had a lot of very rectangular supersizes recently. I wanted to buck the trend and return to a good ol' square grid, but I couldn't quite bring myself to do it. So here's an almost-square **Supersized Kurotto**!

**Rules:** Shade some cells so that clues represent the total size of the orthogonally connected areas of shaded cells that share an edge with the clue. Clued cells cannot be shaded.



Example (Puzz.link): <https://tinyurl.com/46ukp2tz>

Puzzle (Puzz.link): <https://tinyurl.com/5ez9twnc>

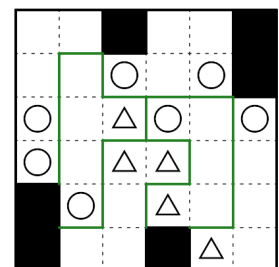
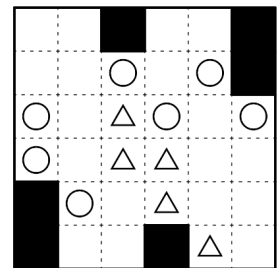
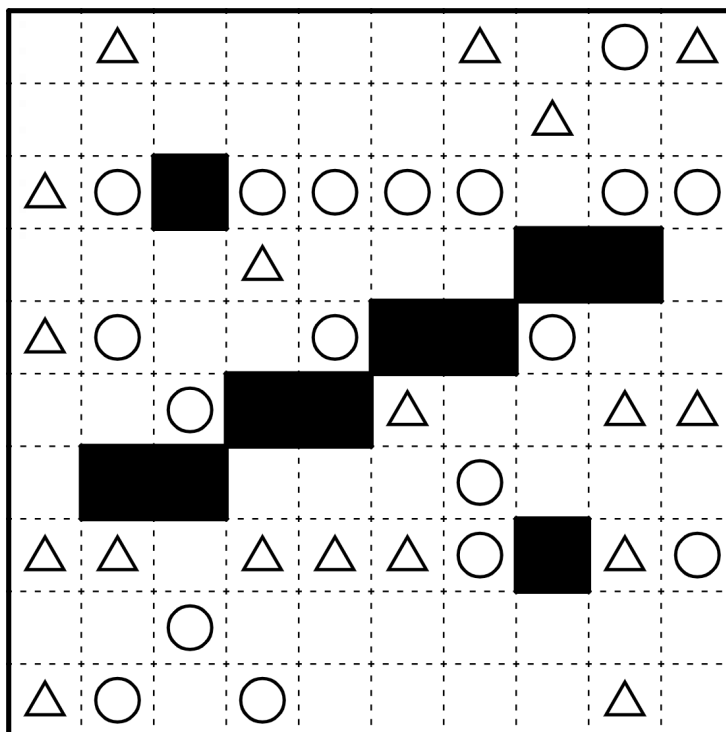
## July 31st, 2022: Opposition

*Eric Fox*

It's been a week since we've had a *region division* puzzle on GAPP, so let's change that! The genre we're looking at today is one thought up by @michael3.14: **Opposition**

**Rules:** Divide the grid into regions of five orthogonally connected cells. Each region must contain exactly two shapes. If the shapes can see each other in an unobstructed straight line vertically or horizontally, they must be the same. If not, they must be different.

**Warning:** Today's example puzzle is quite a bit tougher than usual!



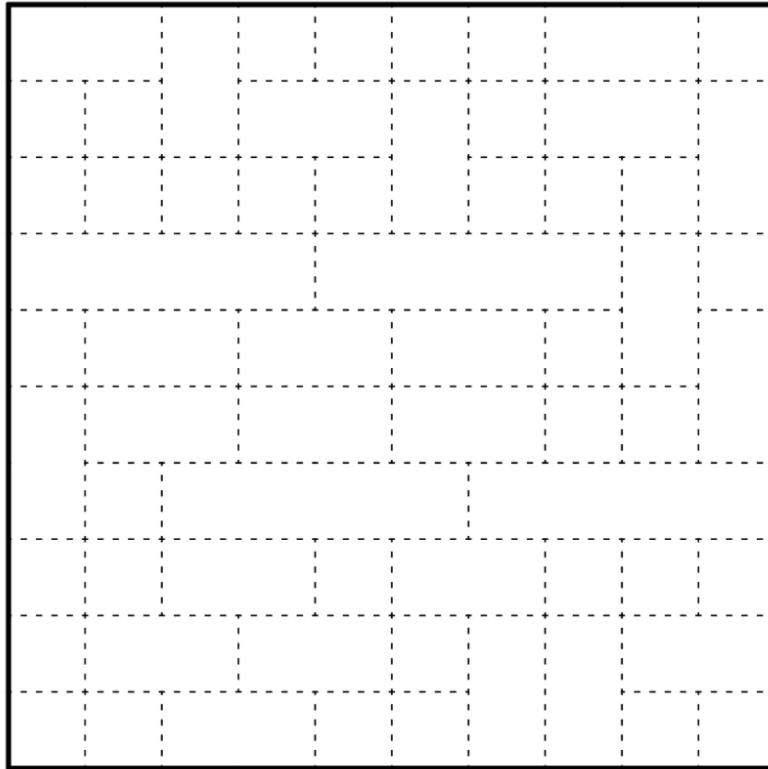
Example (Penpa+): <https://tinyurl.com/24c96ocr>

Puzzle (Penpa+): <https://tinyurl.com/2d2eh4cx>

### **Bonus 1: Joint Cells**

*Shye*

**Rules:** Combine groups of orthogonally connected regions such that each group consists of exactly four cells.

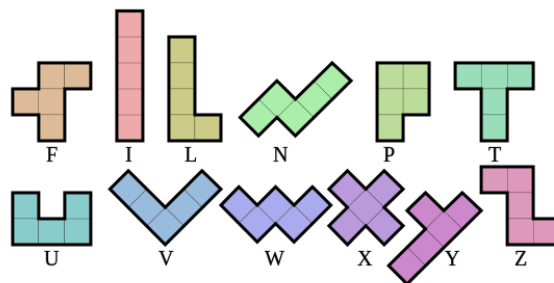
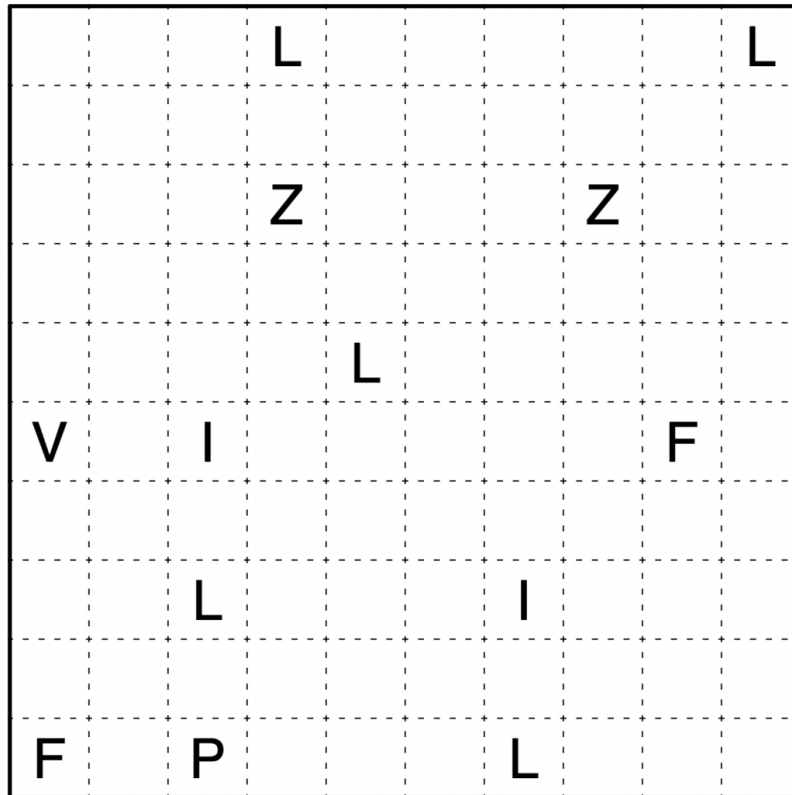


Puzzle (Penpa+): <https://tinyurl.com/bdda9rek>

## Bonus 2: Pentominous

*jovi\_al*

**Rules:** Divide the grid into regions of five orthogonally connected cells so that no two regions of the same shape share an edge, counting rotations and reflections as the same. Clued cells must belong to a region with the pentomino shape associated with that letter.

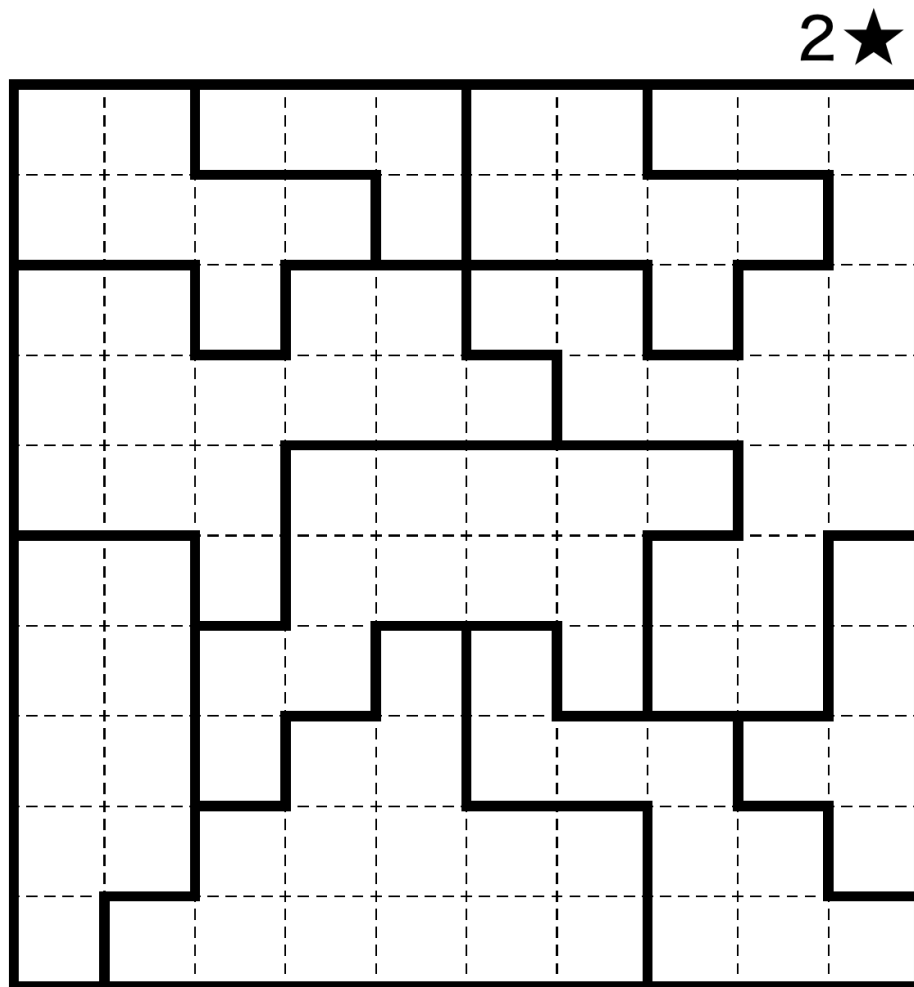


Puzzle (Penpa+): <https://tinyurl.com/255r7vg3>

### **Bonus 3: Star Battle**

*Tyrgannus*

**Rules:** Place exactly as many stars as indicated above the puzzle in every row, column, and region. For this particular puzzle, this is 2 stars per row, column, and region. Stars cannot touch themselves orthogonally OR diagonally. For solvers more experienced in sudoku, this can be thought of as a king's move constraint !

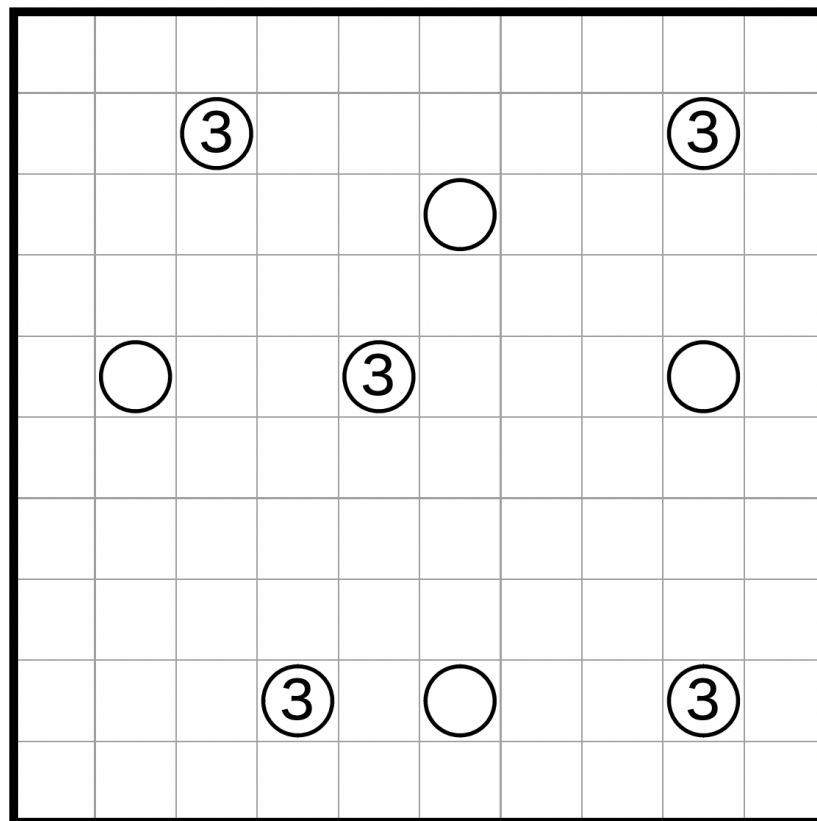


Puzzle (Puzz.link): <https://tinyurl.com/ya6yvsky>

#### **Bonus 4: Nurimisaki**

*Freddie Hand*

**Rules:** Shade some cells so that the remaining unshaded cells form one orthogonally connected area. No 2x2 region may be entirely shaded or unshaded. Circles mark **every** instance of a cell which is unshaded and orthogonally adjacent to exactly one other unshaded cell. If a circle contains a number, it indicates how many cells are in the straight line of unshaded cells coming out of the cell with the circle, including itself.



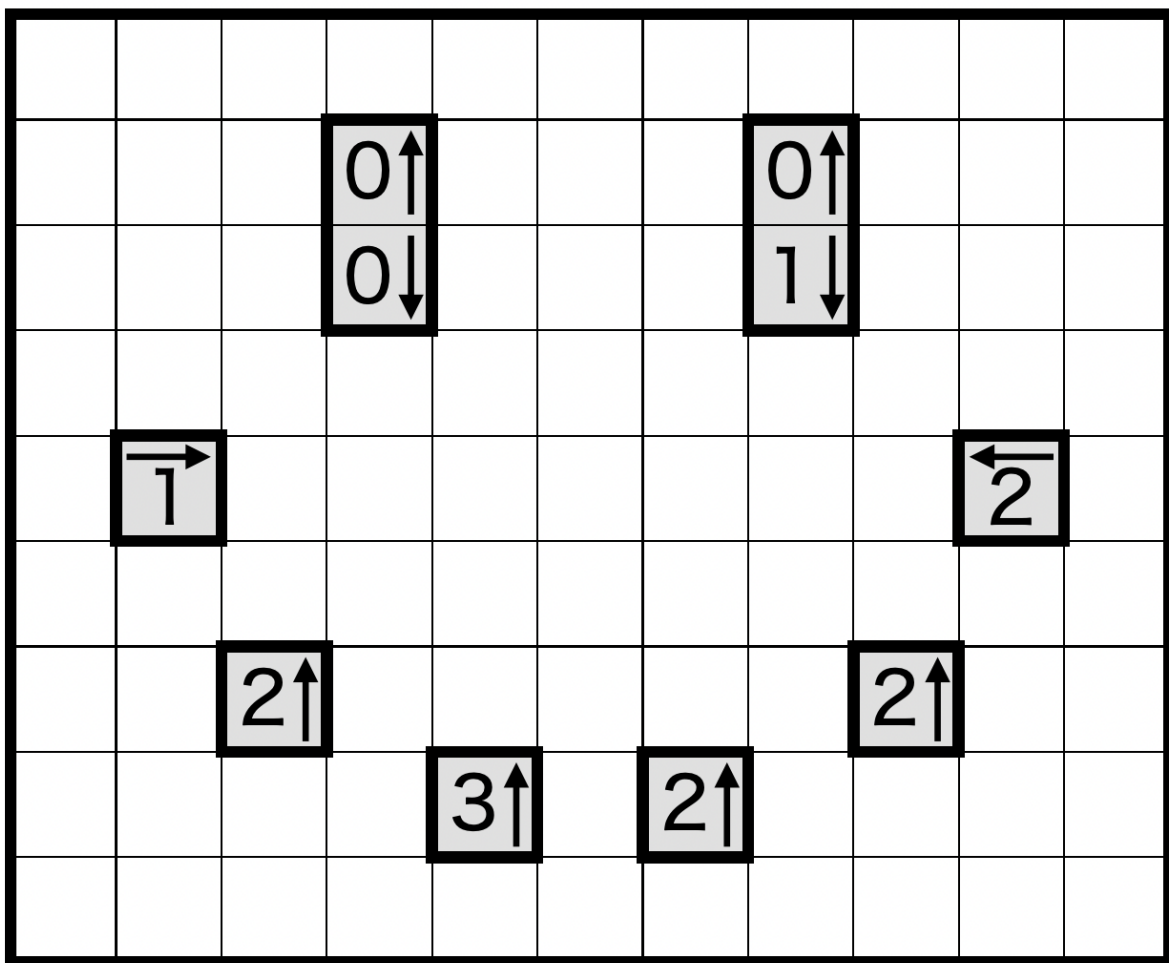
Puzzle: <https://tinyurl.com/5n8dad5h>

Hint: (rot13) Guvax pnershyyl nobhg jura funqvat n pryy jbhyq fgenaq nabgure pryy(f) hygvzngryl erfhygvat va n 2k2 bs funqrq pryyf.

### Bonus 5: Yajilin

*Eric Fox*

**Rules:** Shade some cells so that no two shaded cells are orthogonally adjacent and draw a non-intersecting loop through the centers of all of the remaining empty cells. Clues cannot be shaded, and represent the number of shaded cells in a straight line in the indicated direction between the clue and the border of the puzzle (i.e. clues see through each other). **You *may* place shaded cells that do not directly see or interfere with any of the clues.**



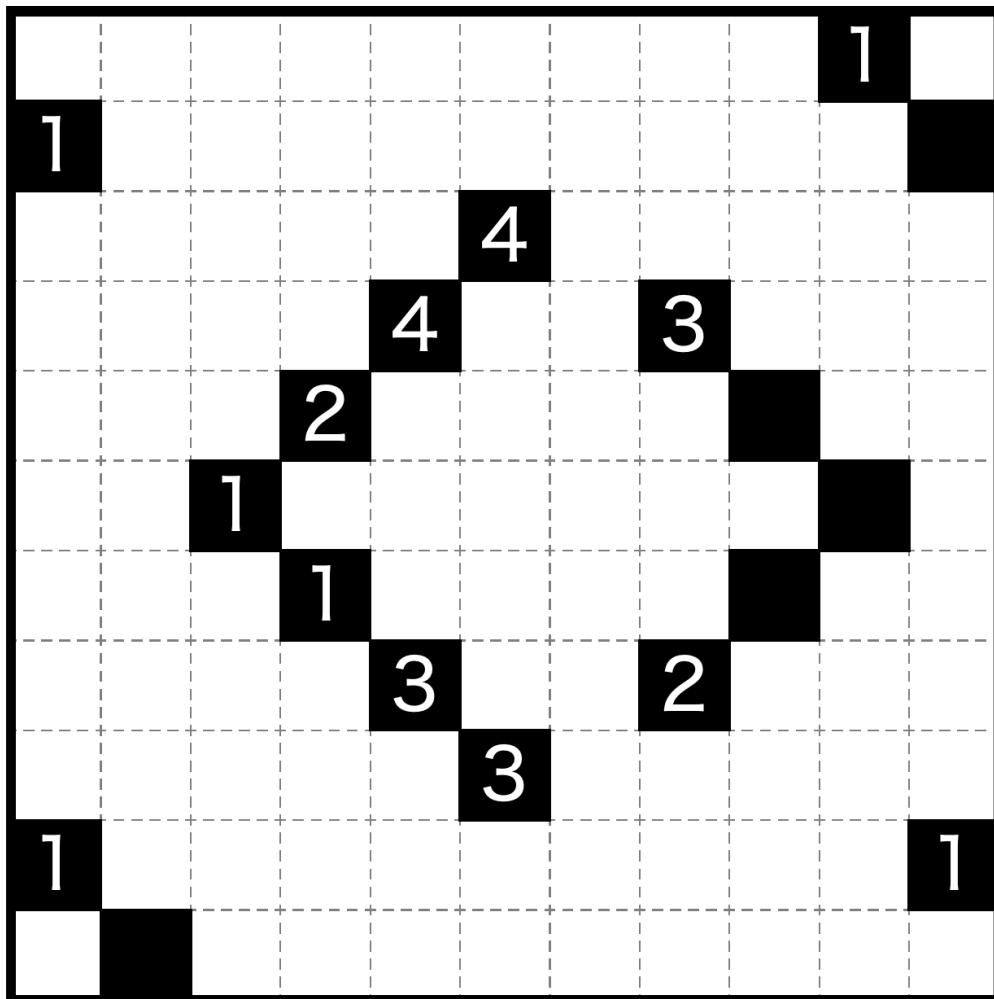
Puzzle (Puzz.link): <https://tinyurl.com/2p9bz3bj>



## **Bonus 6: Shakashaka**

*xoned*

**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.



Puzzle (Puzz.link): <https://tinyurl.com/3c23yxjv>

## **Time Standards**

DATE	GENRE	SLOTH TIME	CRAB TIME
July 1st, 2022	Japanese Sums	3:45	8:00
July 2nd, 2022	SUPERSIZED Shimaguni	5:00	10:00
July 3rd, 2022	Aqre	2:45	7:30
July 4th, 2022	Barns	1:30	3:33
July 5th, 2022	Nagenawa	3:15	7:15
July 5th, 2022	Aqre	2:45	6:30
July 6th, 2022	Kuroclone	1:30	3:20
July 7th, 2022	Takoyaki	3:45	7:30
July 8th, 2022	Ayeheya	2:30	6:00
July 8th, 2022	Shimaguni	2:30	6:00
July 9th, 2022	SUPERSIZED Double Choco	5:00	10:30
July 10th, 2022	Nurikabe (Hexagonal)	2:15	5:30
July 11th, 2022	Magnets	5:00	10:00
July 12th, 2022	Nuri-Uzu	2:40	5:40
July 13th, 2022	Hinge	1:40	4:20
July 14th, 2022	Army Ants	2:00	4:30
July 15th, 2022	Hebi-Ichigo	3:45	8:00
July 16th, 2022	SUPERSIZED Barns	3:00	7:00
July 17th, 2022	Nurimisaki	2:22	5:55
July 18th, 2022	Aho-ni-Narikire	4:00	10:00
July 19th, 2022	Sashikabe	2:10	5:00
July 20th, 2022	BACA	5:00	10:30
July 21st, 2022	Joint Cells	1:50	4:00
July 22nd, 2022	Moc Macek	5:00	10:00

DATE	GENRE	SLOTH TIME	CRAB TIME
July 23rd, 2022	SUPERSIZED NIKOJI	6:00	12:00
July 24th, 2022	Heyawacky	3:00	6:22
July 25th, 2022	Hakoiri-Masashi	3:21	7:00
July 26th, 2022	Pentosnake	2:00	4:10
July 27th, 2022	Canal View	3:30	7:00
July 28th, 2022	Nurikabe	2:00	5:00
July 29th, 2022	Triple Back	3:00	6:54
July 30th, 2022	SUPERSIZED Kurotto	5:00	13:00
July 31st, 2022	Opposition	2:45	5:30