

CS50 Presents

CS50x Puzzle Day 2025

with thanks to our friends at Meta

April 4–7, 2025

- This packet contains 9 puzzles. The first 8 puzzles are independent of one another. The final puzzle is a metapuzzle: it requires answers from at least 6 puzzles in order to solve it.
- The answer to each puzzle is a single word or short phrase in English.
- Some puzzles are best solved online. If you prefer, you can view a web version of the puzzles in this packet at <https://meta-puzzlehunt.webflow.io>.
- You may use the internet and any other resources at your disposal, including artificial intelligence (AI).
- You are encouraged (but not required) to work on a team with 1, 2, or 3 classmates or friends, either in person or online. You may not share hints or answers with other teams.
- Take photos while you work on the puzzles (or screenshots of your team collaborating online)! Share them at <https://cs50.ly/photos> if you'd like!
- Submit your answers at <https://cs50.ly/submit> by 23:59 on Monday, April 7, 2025. If working on a team, only one member of your team should submit. If you submit multiple times, we'll consider your only most recent submission, which should contain all of your answers together. Be sure to avoid typos!
- See <https://cs50.ly/puzzles> for all rules.
- Have fun and good luck!

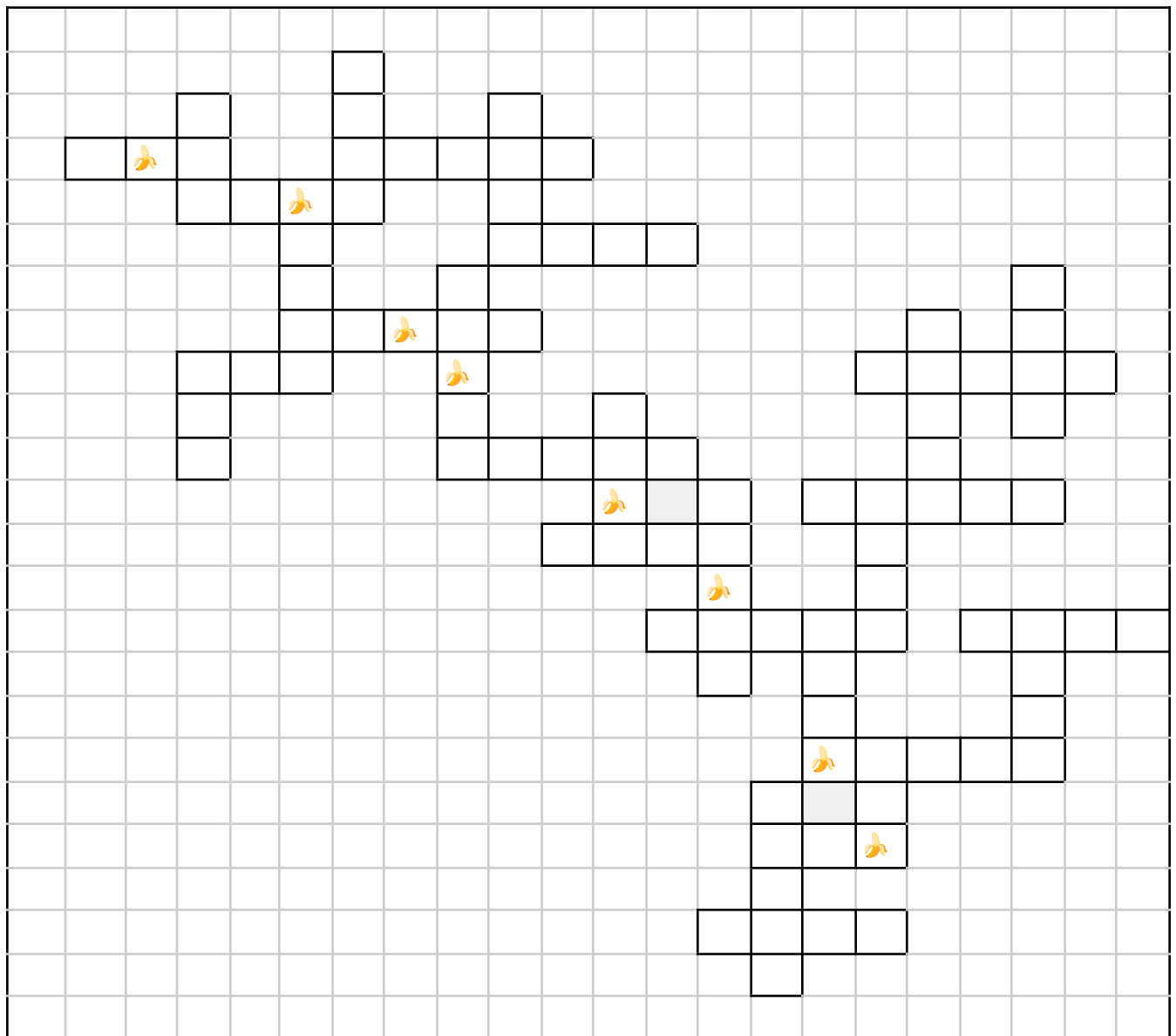
Around the World

Oh my, I seem to have lost board game pieces in my travels. If you figure out the connections, you'll find the treasure I left behind.



BananAnagrams

*Bananagrams holds a special place in my ❤️, but BananAnagrams is the best game on 🌐!
For an interactive spreadsheet version of this puzzle, please visit tinyurl.com/banananagrams*

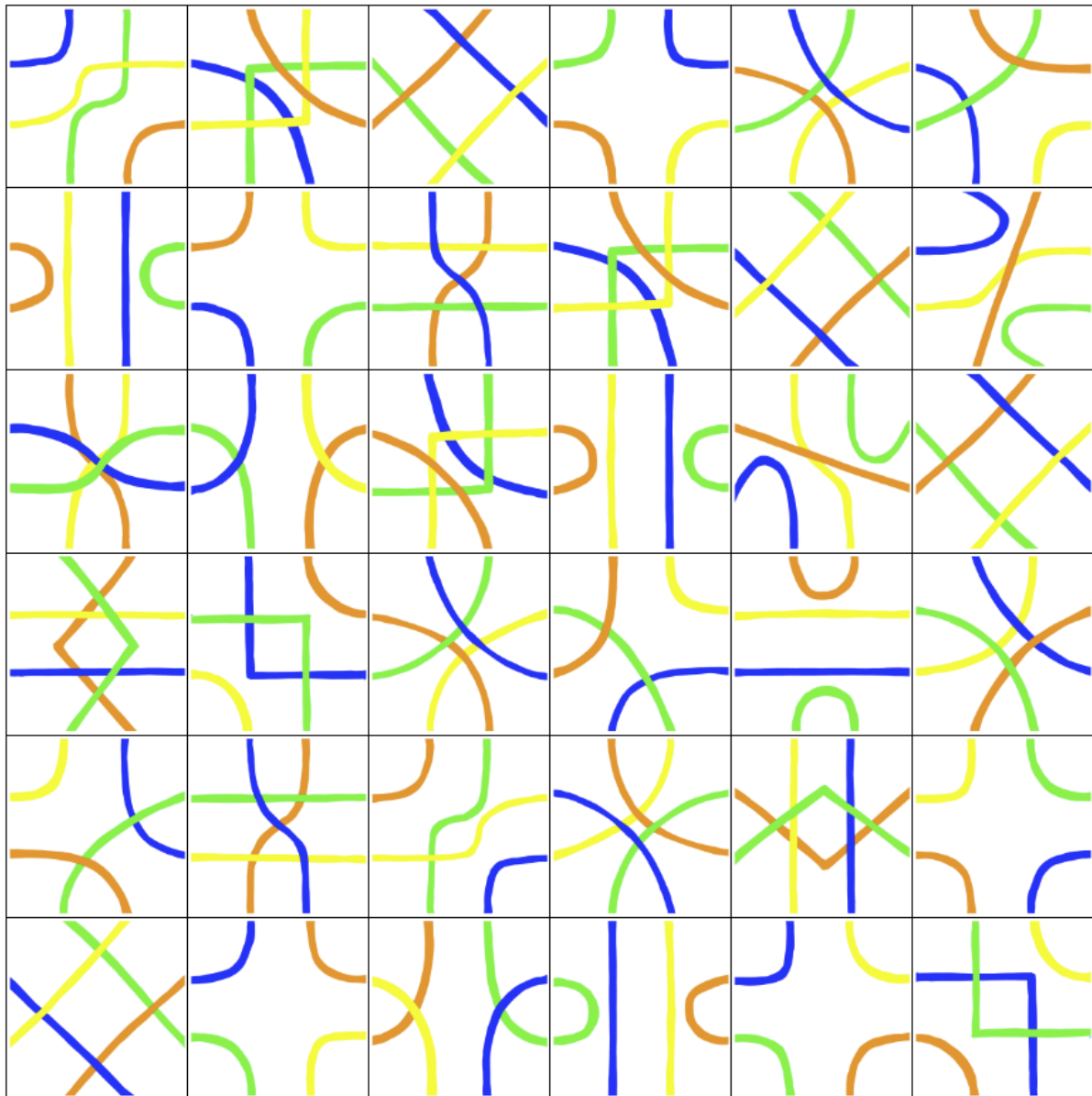


The Blind Maze

What a terrible path!

[illegible]

△ 7 1 5 7 2 4 6 3 8



Bomb Squad

Clear out all the bombs to get your answer!

Wordsearch: Find all the BOMBs in the grid

B	O	B	M	B	O	B	M	M
O	B	M	O	O	B	O	B	M
B	B	M	O	O	M	M	M	B
M	O	B	O	O	M	B	O	O
B	M	B	M	B	M	M	B	M
M	M	B	M	O	B	O	B	B
O	O	B	O	M	M	M	B	O
B	M	O	M	B	B	O	M	O
O	B	B	O	B	B	O	B	M



Sudoku: Find all the bombs in the grid. Each icon appears once in each row, column, and 3x3 region.

💡			🏹			🔪		
		🏹	🔪		🛡️	🔪	💣	
			🔪		💣	💡		
🏹	💡	👤	💣	🛡️				🏹
		💣			🏹	🛡️		🏹
	🏹	💣	👤		💡	🏹		
🔪	🛡️		💣	💣				
	🔪					💣	🔪	💣

Math Bombs: Bomb numbers to remove them. The numbers at the ends of the rows and columns represent the final sums of those rows & columns after the bombed numbers have been removed.

4	5	10	9	4	2	2	1	3	27
7	5	4	7	8	8	5	3	6	47
1	1	9	4	3	10	8	5	10	49
8	3	7	6	3	3	4	10	7	41
8	4	8	8	1	7	10	7	9	47
1	8	9	8	9	10	4	5	1	51
8	9	1	3	7	6	6	7	4	50
10	8	4	6	9	7	3	7	1	44
9	4	1	8	9	5	5	2	7	39
45	42	44	50	49	51	43	37	34	

O	C	A	L	N	E	D	R	T
E	S	F	F	P	I	A	D	L
X	P	N	T	V	U	I	S	E
G	W	O	U	A	S	M	Q	I
Y	H	O	R	K	A	B	J	A
E	A	N	L	J	X	Z	R	T
M	S	I	H	U	A	N	P	I
B	C	G	A	P	T	O	L	E
S	P	L	A	K	B	R	E	D

Powers of Two

2048 is easy when you make the best moves.

<https://powers-of-two.vercel.app/>

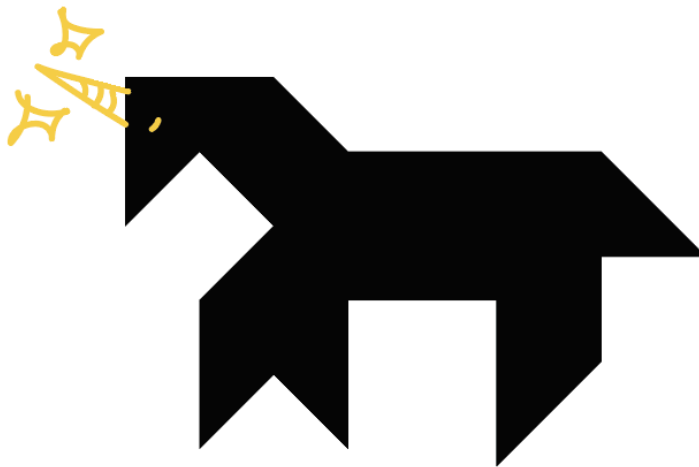
A	D	E	W
G	I	S	C
E	O	T	V
E	R	T	R

Tangrams

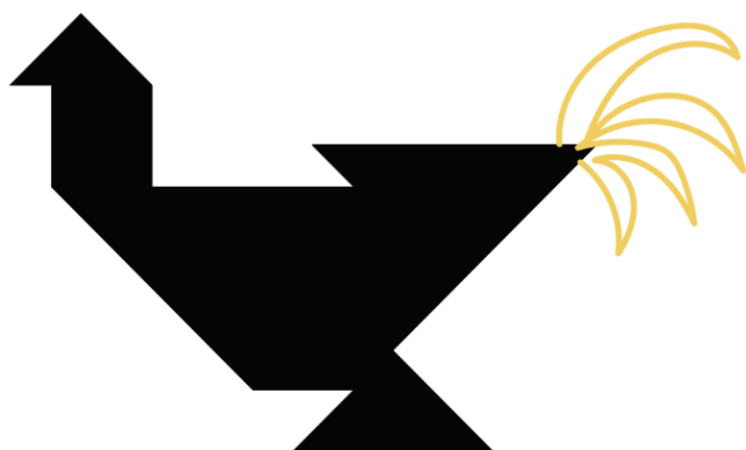
What's on these puzzles? Did someone spill cheese on them?

For an interactive version of this puzzle, please visit

<https://meta-puzzlehunt.webflow.io/puzzles/tangrams>



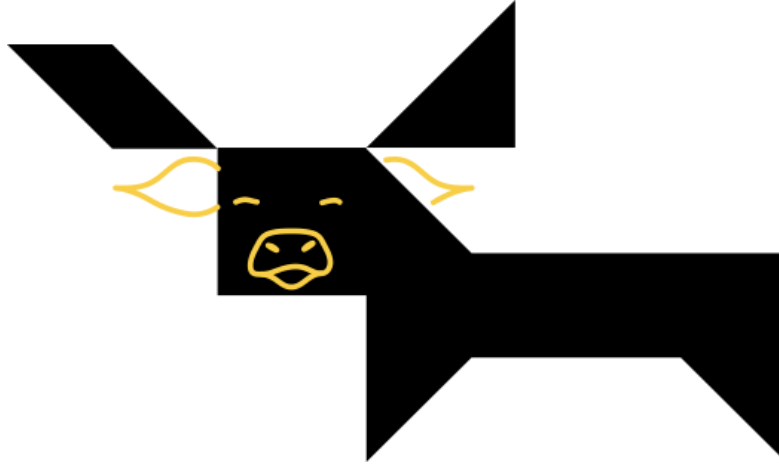
U _ _ _ _ _



C _ _ _ _ _



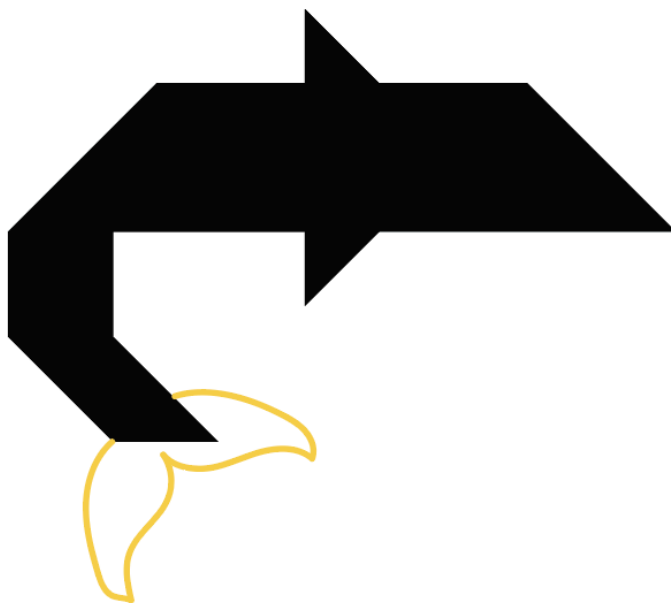
S _ _ _ _ _



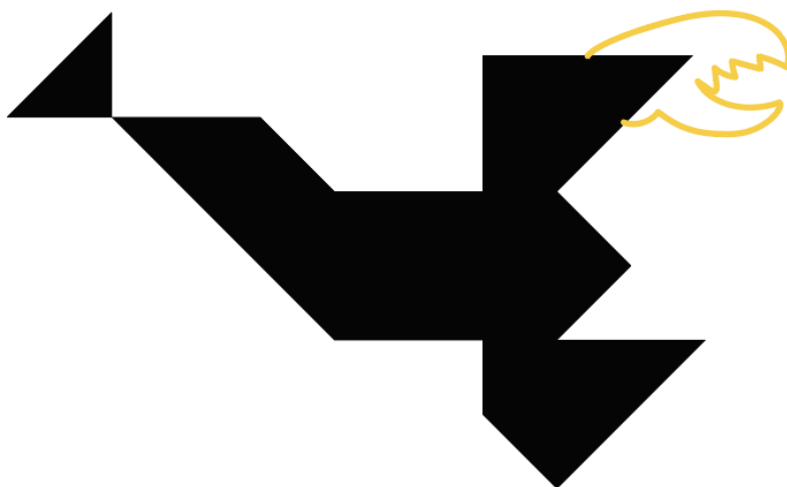
B _ _ _ _ _



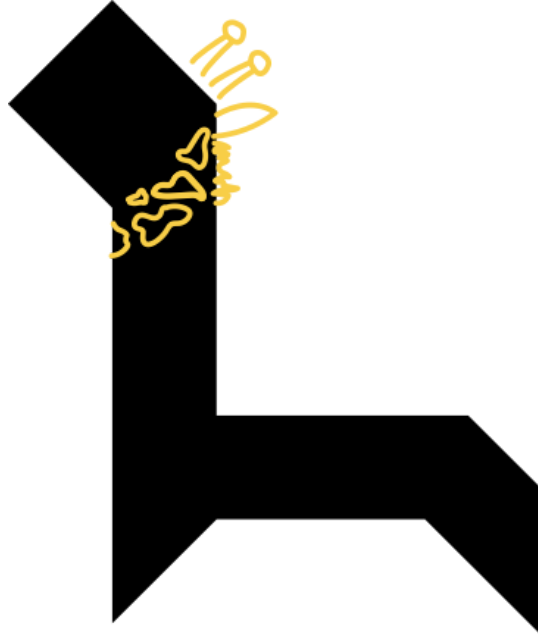
P _ _ _ _ _



D _ _ _ _ _



L _ _ _ _ _

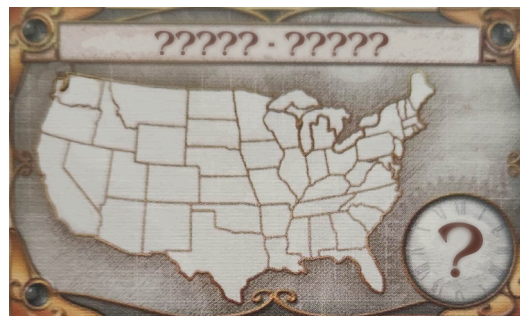
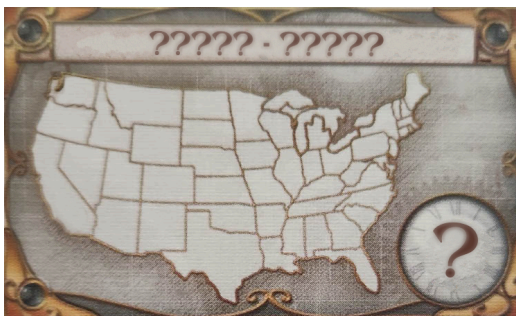
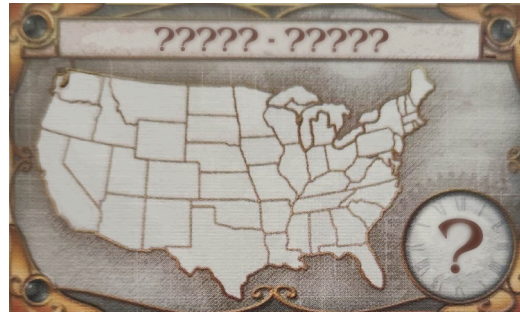
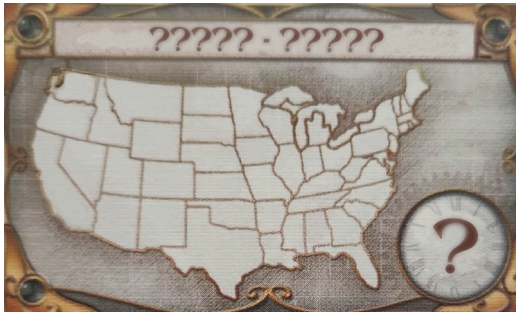
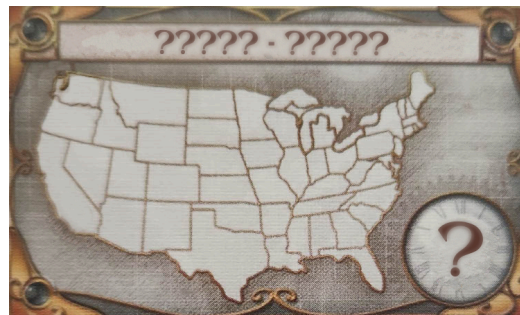
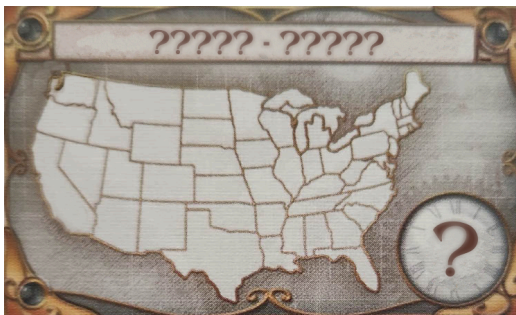
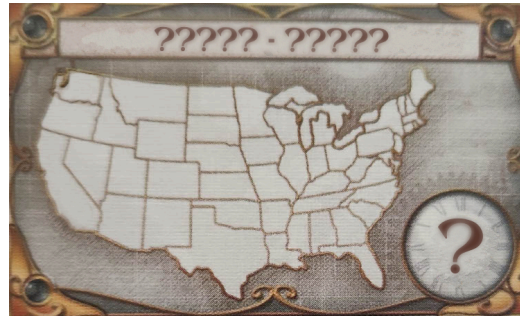
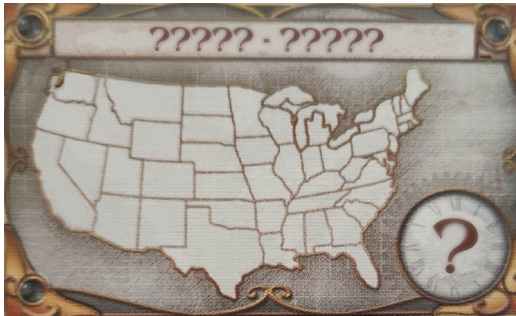


G



Ticket to Ride

What a **colorful** array of destination tickets! Can you figure out what connects to what, where, and how? Oh, and save your **rainbow** locomotives - you'll need them **in order** to win the game.



14 St

Anacostia

Aurora Metro Center

Branham

Chamblee

Civic Center

Colfax

Curtner

Drexmore

Harvard

L'Enfant Plaza

Leeland / Third Ward

Palm Center Transit Center

Park St

South Woodland

York St

Wavelength

You find a mysterious game box. Open it!

<https://meta-puzzlehunt-3a1bbee96272.herokuapp.com/>

[Metapuzzle] Codenames

*Where can we find our missing friend?
I'm not great at codenames so let me just give some easy clues...*

Note: This metapuzzle requires the solutions of the previous puzzles to solve. We don't recommend looking at this until you have solved at least 6 of the previous 8 puzzles.

????????, 2	BATTLESHIP	INCENSE	WEDDING	KETCHUP	CHAMPAGNE	SAILOR	SAUSAGE	MERLOT
????????, 2	PERFECT	FALLACY	MAGNIFICENT	PITCH	TRANSFER	EFFECT	MOON	PURCHASE
????????, 2	CITY	SCIENTIFIC	INTERVIEW	GRAVY	TURKEY	ACTOR	UNDOING	INTERSECT
????????, 2	PEOPLE	ITINERARY	ABSTRACT	CASSEROLE	LITERATURE	VEGETABLE	MAGIC	LORD
????????, 2	REMOTE	GATHERING	ENGLAND	SWORDFISH	IKEA	CAMERA	SWISS	INVEST
????????, 2	CREAM	MATH	COLOR	MUSIC	HAMILTONIAN	NUMBER	BOTTLE	READY
????????, 2	CHANNEL	CREDIT	ROYAL	RED	SAXOPHONE	UNNECESSARY	ORGAN	PIANO
????????, 2	BRAINY	HUNTING	BIOGRAPHY	CORTEX	UNFORTUNATE	GAME	BECOMING	DRAUGHT