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.lv/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.

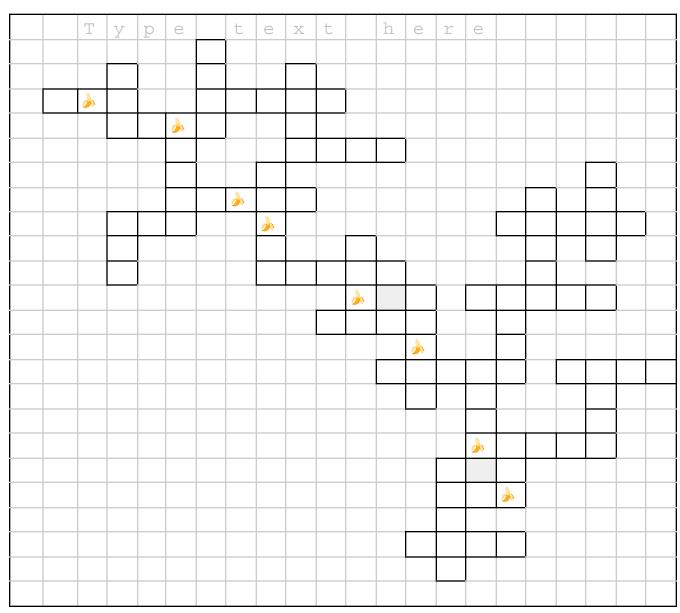


BananAnagrams

Bananagrams holds a special place in my , but BananAnagrams is the best game on !

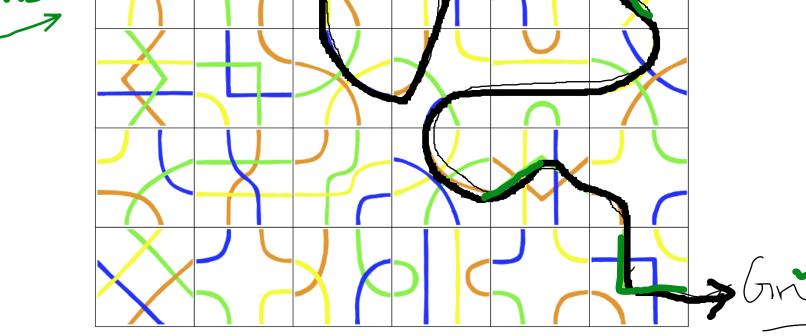
For an interactive spreadsheet version of this puzzle, please visit tinyurl.com/bananagrams





The Blind Maze

What a terrible path! TARJZLUENZ



Bomb Squad



Clear out all the bombs to get your answer!

Wordsearch: Find all the BOMBs in the grid

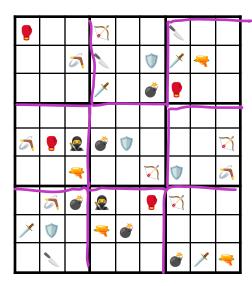
В	0	В	М	В	0	В	М	M
0	В	M	0	0	В	0	В	М
В	В	М	0	0	М	М	М	В
М	0	В	0	9	М	В	0	6
В	М	В	Μ	B	М	M	В	M
М	М	В	М	0	В	Ø	B	В
0	0	В	0	M	М	₽	В	0
В	М	0	М	B	B	0	M	0
0	В	В	0	В	В	0	В	M

V= 5 H= 1 D= 3



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



Bomb Battle: Find all the bombs in the grid. Each row, column, and colored region has exactly two bombs. Bombs cannot touch horizontally, vertically, or diagonally.

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Bombogram: Each row and column lists the lengths of consecutive bombs in that row/column. If there are multiple numbers, that means that there are multiple consecutive runs of bombs with clear space between them.

	4	2 2	2	2 1 1	7	1 7	1 4	1
4								
1								
4								
5								
2								
1 4								
1 3								
2 2								
5								

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	

0	С	Α	L	N	Е	D	R	Т
Е	S	F	F	Р	-	Α	D	L
Х	Р	N	Т	٧	U	I	s	Ε
G	w	0	U	Α	S	М	Q	I
Υ	Н	0	R	K	Α	В	J	Α
Е	Α	N	L	J	Х	Z	R	Т
М	s	I	Н	U	Α	N	Р	I
В	С	G	Α	Р	Т	0	L	Е
S	Р	L	Α	K	В	R	Е	D

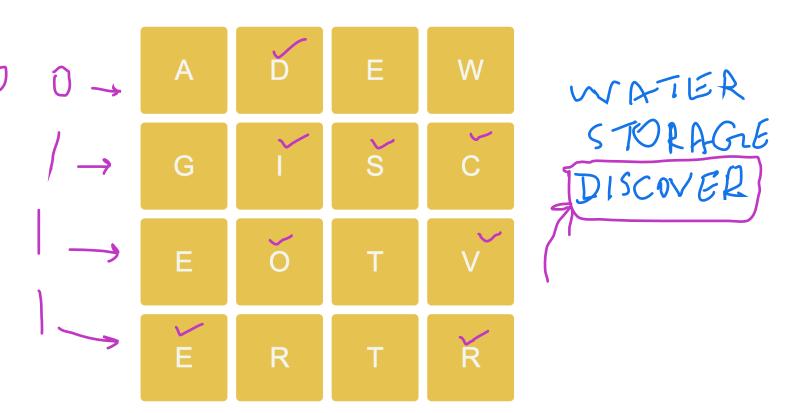
Powers of Two



2048 is easy when you make the best moves.

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

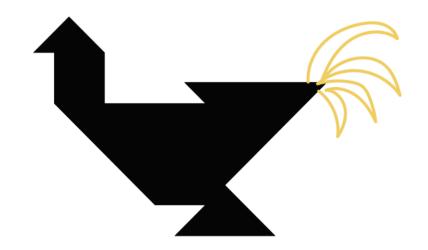


Tangrams

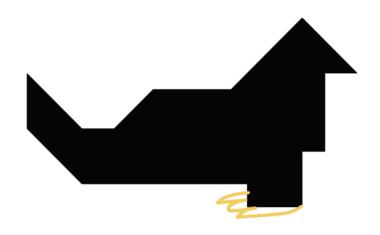


What's on these puzzles? Did someone spill cheese on them? For an interactive version of this puzzle, please visit https://meta-puzzlehunt.webflow.io/puzzles/tangrams

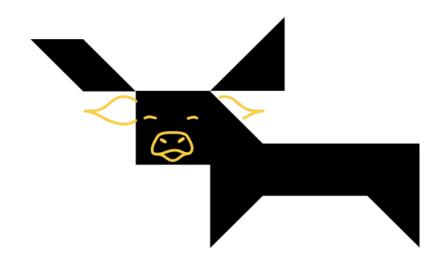




CHICKEN



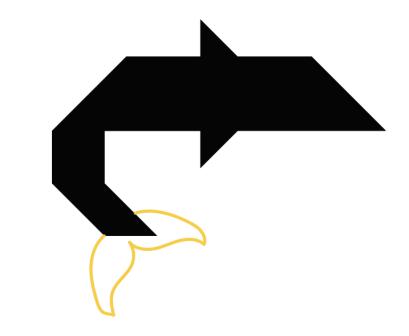
SCOTTLE



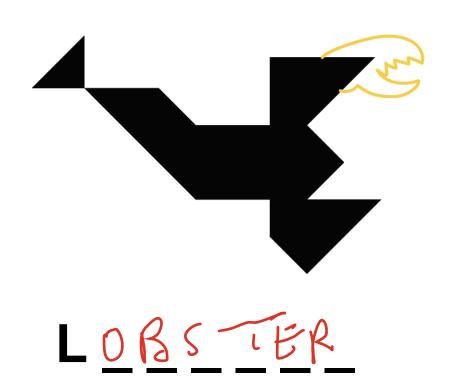
B _ _ _ _ _

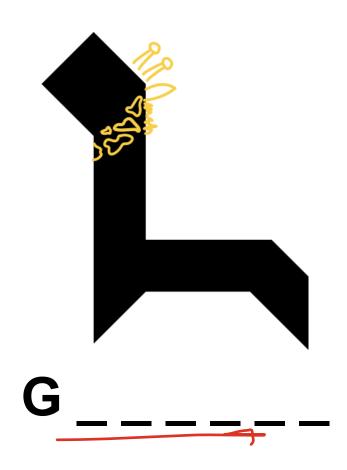


P _ _ _ _ _



D _ _ _ _ _





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.

