

Technological Tesseract v1.0

Welcome to the Technological Tesseract Puzzle! The goal of this puzzle is to connect the three wires to the jacks in the correct configuration to make the LED matrix light up in a fun way. There are four different colored jacks (red, blue, green, and yellow) on each face, and a shape on each face to serve as an indicator (triangle, square, pentagon, and hexagon). To determine where to plug in the wires, you must solve the seven puzzles on the following pages. **There will be no indication of success until all wires are plugged in correctly, so leave the battery OFF until you are ready to test your setup.**



Puzzles

Each of the puzzles below give clues as to how to solve the technological tesseract. You must conquer each of them in order to successfully obtain the keys to the Tesseract's secrets. Printing out the puzzles will make them much easier to solve. If any of the images are too blurry or the formatting seems off, here is a link to a pdf version: <https://tinyurl.com/yeywzve9>. Opening up the document on a computer should help as well. Also, don't waste your time trying to open the box to look at the solution. You will absolutely spend more time doing that than you would solving the puzzles, I've made sure of it 😊. Regardless, I welcome you to try if you must.

Puzzle #1: Crossword ◻

Use the clues to fill out words for the corresponding numbers and directions. The numbers indicate the starting point. The bolded squares have some additional meaning...

1	2	3	4	5
6				
7				
8				
	9			

Across:

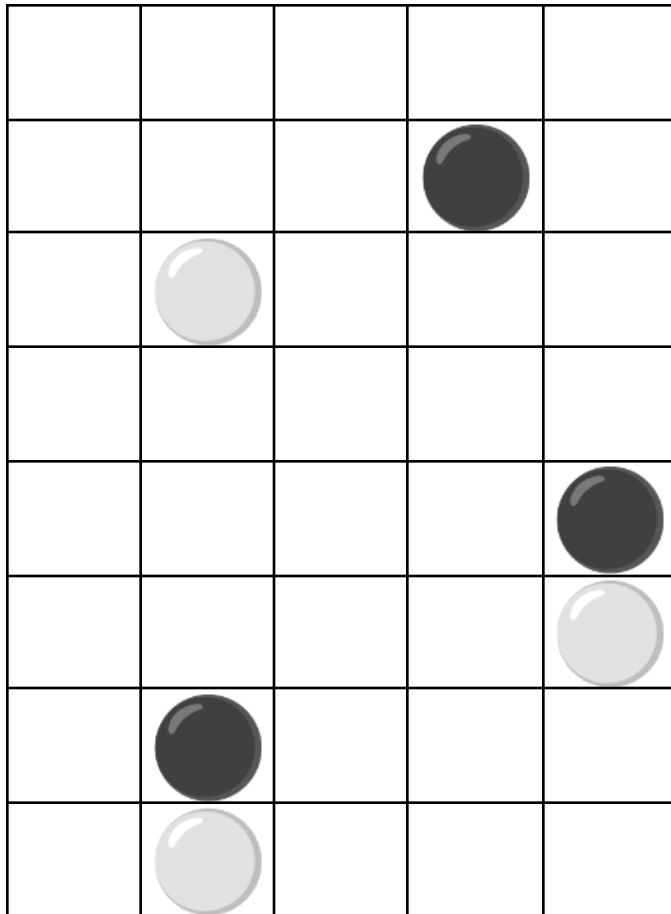
- 1 - Ships' staffs
- 6 - Summary
- 7 - Minimally leading, in some games (2 wds.)
- 8 - The Legend of _____
- 9 - Fib-teller

Down:

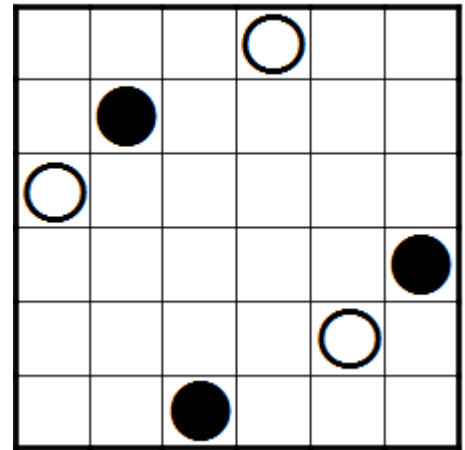
- 1 - Texas Senator
- 2 - Drive away
- 3 - Reason to recall some lettuce (2 wds.)
- 4 - _____ Maximoff
- 5 - Javelin, e.g.

Puzzle #2: Masyu \triangle

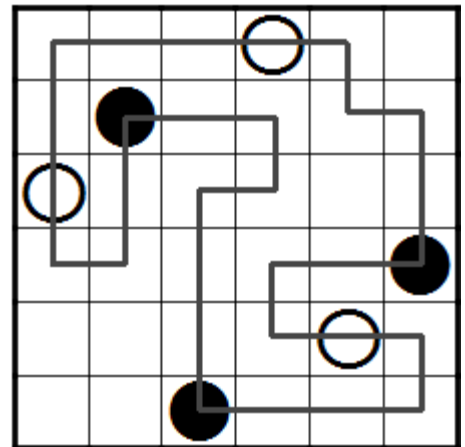
The objective is to draw a loop (consisting of horizontal and vertical lines) that passes through each box that contains a circle. When the line passes through a black circle, it must turn 90 degrees while passing straight through both adjacent squares. The rules for white circles are the opposite. The line must pass straight through white circles but must turn 90 degrees through one or both adjacent squares. The line does not have to pass through every square of the grid.



Example



Solution



Puzzle #3: Cryptic Code ◻

The whole point is that it's cryptic, so good luck!

ja lwyo bzico eubn sq luav
xoam nle ovmw iqlok poscd di
5 7 6 9 2 3

Puzzle #4: Word Search ◻

There are three hidden words: a 5-letter word, a 7-letter word, and a 10-letter word.
Here are three hints:


- 1) a number less than ten
- 2) a century
- 3) a very small unit of measurement

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

Puzzle #5: Sudoku Δ

Each row, column, and section of 9 squares must uniquely contain numbers 1-9. This version contains a little something extra...

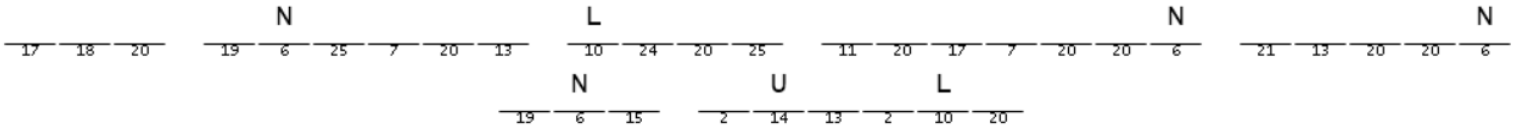
					3		1	
7	5	6	4					9
		1		2		6		4
		9			8	3		
2								6
		3	6			5		
1		5		7		4		
8					6	9	5	2
	4		5					

- 1)
 - = 2)
 - 3) 

Puzzle #6: Cryptogram □

Decode the message. Each letter in the phrase has been replaced by a random number. A few letters have been given to get you started.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
											10		6								14				



Puzzle #7: Spaghetti Maze

Follow the lines to figure out how the puzzles connect!

