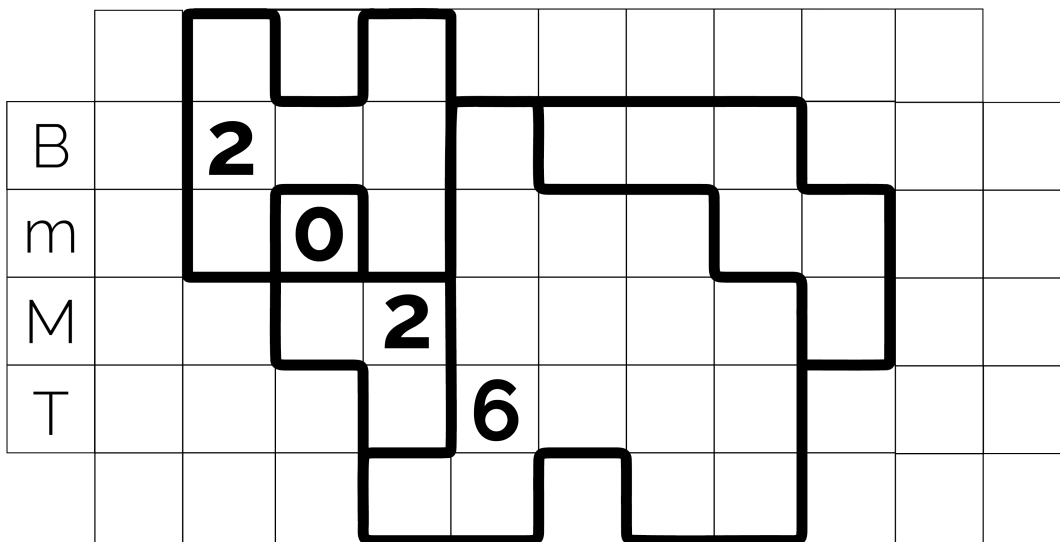


# Berkeley mini Math Tournament 2026

## Puzzle Round Problems



April 12, 2026

**Time limit:** 15 minutes for reading, 60 minutes for solving.

**Instructions:** For this test, you work in teams of up to five to solve a set of puzzles. You will have 15 minutes to read the rules of the Puzzle Round and to strategize. Afterwards, you will have 60 minutes to solve the puzzles. Only submit the set of answer sheets for grading.

**No calculators.** Protractors, rulers, and compasses are permitted.

## Introduction

There are a total of **350** points available on this Puzzle Round. In your final submission, **do not mark unshaded cells in any way**. For grading purposes, any box with markings in it will be considered shaded.



Unshaded



Shaded



Shaded



Shaded

## Basic

Basic 1 (13 points)

	3		1	0

Basic 2 (15 points)

6					
		1		3	
0		4			0

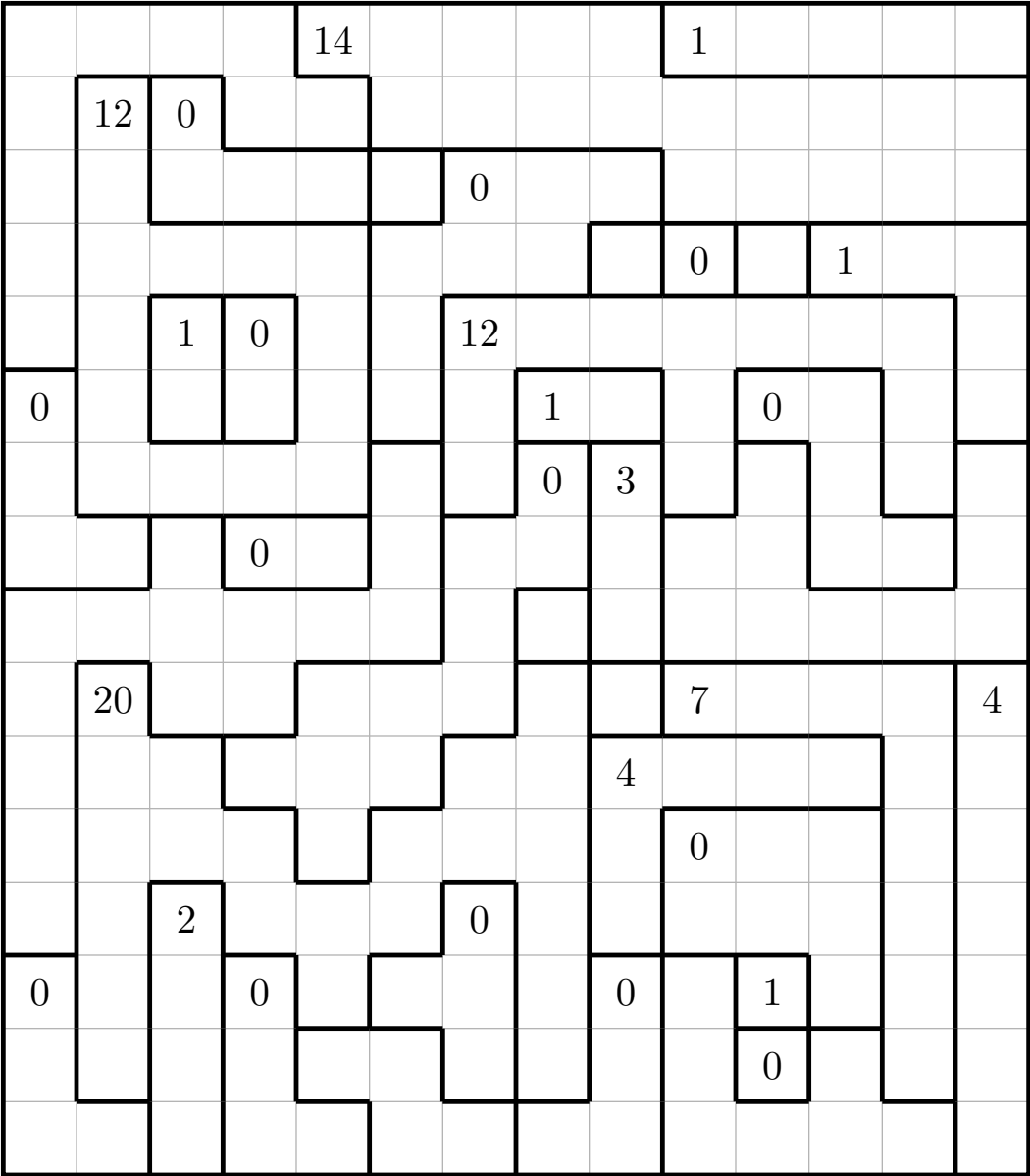
Basic 3 (17 points)

	0				
		0			
1					

Basic 4 (19 points)

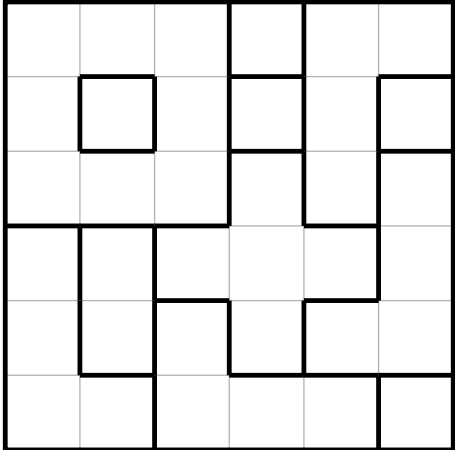
5			5			
	4			3		
		2	1			
4			4		1	
	3					3
		1				6

Basic 5 (25 points)

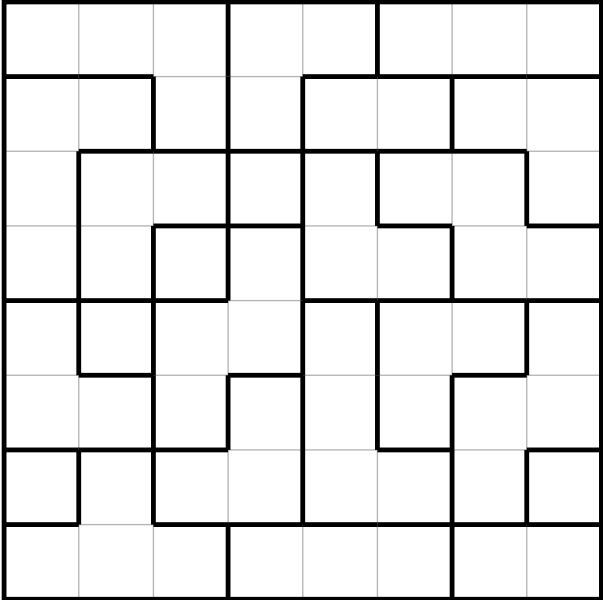


# Paint

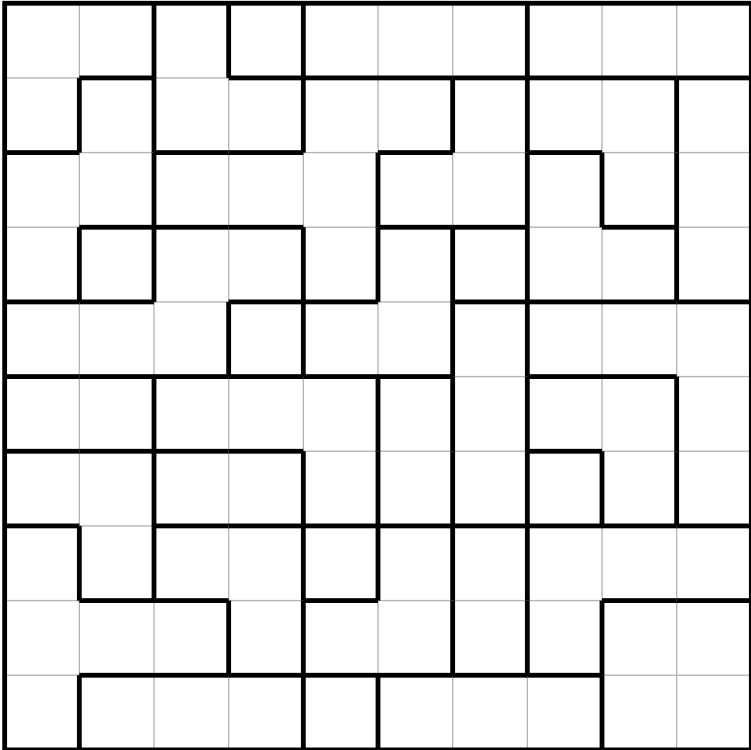
Paint 1 (14 points)



Paint 2 (17 points)



Paint 3 (20 points)



# Spiral

Spiral 1 (14 points)

						4
	7					

Spiral 2 (17 points)

4		4			3	
0						3
1			4			
2						
					2	
2						0

Spiral 3 (20 points)

	4			6		4		2
3	1	3	0			2		0
				5		1		1
	2						4	
					4			
	3						0	
			0	2		6		
3							0	

# Binario

Binario 1 (15 points)

3					
0					
			4		
				0	

Binario 2 (18 points)

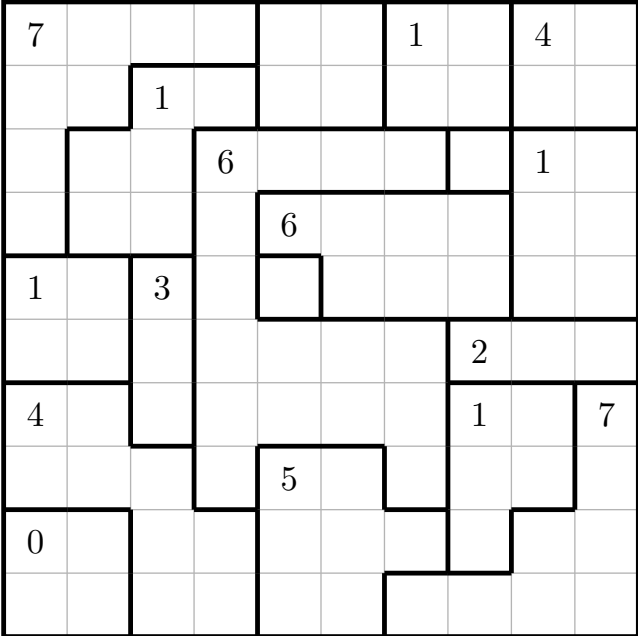
0				1			0
6				4			
				3		2	
0							0

Binario 3 (21 points)

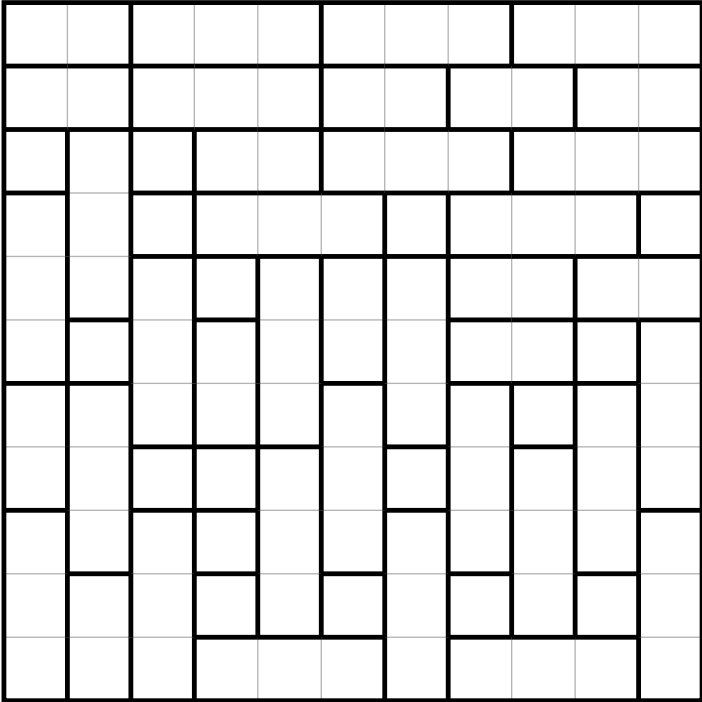
0							1
	5						
2			1		1		6
1	1				2		
			1				

# Challenges

Challenge 1: Basic (27 points)



Challenge 2: Paint (25 points)



Challenge 3: Spiral (26 points)

2			8				
			0				
8					2		

Challenge 4: Binario (27 points)

	1				5			1
1			0					
						1		
							1	
						4		
					4			