

2018/12/12: Galaxies and Tetrominoes by Palmer Mebane Theme: Logical

Rules: Combination of Tetromino/object placement and Spiral Galaxies puzzle styles. Place the seven tetromino shapes into the grid, rotations allowed but not reflections. Tetrominoes do not touch each other not even diagonally and they do not cover any cell with part of a white circle. Digits on the left/top of the grid indicate the number of cells used by tetrominoes in that row/column. Digits on the right/bottom indicate the number of different tetromino shapes partially in that row/column. All remaining white cells must be part of connected regions – “galaxies” – with rotational symmetry. Each galaxy must have exactly one circle at its center of rotational symmetry.

The puzzle consists of a 6x6 grid with the following numbers and circles:

		4		4		5	
A		○					○
3				○		○	
		○				○	
B							○
5							
		○		○			
1							
		○					
		3		2		2	

Below the grid are the seven tetromino shapes:

- I**: A vertical 4x1 bar.
- L**: A 3x2 shape with the right column missing the top cell.
- J**: A 3x2 shape with the right column missing the bottom cell.
- O**: A 2x2 square.
- S**: A 3x2 shape with the top-right and bottom-left cells missing.
- Z**: A 3x2 shape with the top-left and bottom-right cells missing.
- T**: A 3x2 shape with the middle-left cell missing.