

The figure consists of three separate 10x10 grid diagrams, each with numerical labels on the left and top axes.

- Left Grid:** The first column contains labels from 27 to 52. The first row contains labels 1 through 10. A single cell at position (28, 1) is filled with the number 24. The bottom row (row 52) is entirely filled with grey cells.
- Middle Grid:** The first column contains labels from 24 to 52. The first row contains labels 1 through 10. Two cells are filled with yellow: one at (29, 4) and another at (30, 5). The bottom row (row 52) is entirely filled with grey cells.
- Right Grid:** The first column contains labels from 24 to 52. The first row contains labels 1 through 10. The bottom row (row 52) is entirely filled with grey cells. The last cell in the first column (24, 1) is filled with the number 24. The last cell in the second column (24, 2) is filled with the number 23. The last cell in the third column (24, 3) is filled with the number 22. The last cell in the fourth column (24, 4) is filled with the number 21. The last cell in the fifth column (24, 5) is filled with the number 20. The last cell in the sixth column (24, 6) is filled with the number 19. The last cell in the seventh column (24, 7) is filled with the number 18. The last cell in the eighth column (24, 8) is filled with the number 17. The last cell in the ninth column (24, 9) is filled with the number 16. The last cell in the tenth column (24, 10) is filled with the number 15. The bottom row (row 52) is entirely filled with grey cells.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
53	1	2	3	4	5	6	7	8	9	10			1	2	3	4	5	6	7	8	9	10		
54	24												24											
55	23												23											
56	22												22											
57	21												21											
58	20												20											
59	19												19											
60	18												18											
61	17												17											
62	16												16											
63	15												15											
64	14												14											
65	13												13											
66	12												12											
67	11												11											
68	10												10											
69	9												9											
70	8												8											
71	7												7											
72	6												6											
73	5												5											
74	4												4											
75	3												3											
76	2												2											
77	1												1											
78																								

Written Explanation

The interesting properties that my tetronimo (the H-block) has is its unique block count of seven, its relatively compact shape, and the fact that it will always leave blocks behind to create wells or to leave two gaps in the case of being rotated.

The H-block has a dynamic relationship to the board. The extra blocks left behind serve to change the way the board can be cleared. For example, in my puzzle, after the first H-block is dropped, a Line block is used to fill in the well. This also changes the other piece's relationship with the board, and enables new behaviors from them (clearing lines).

I expect my puzzle to be somewhat of a challenge to players because they'll have to use the leftover blocks from the H-block with the pieces they're given to clear the board. In other words, two objects must be used together in a relationship to create certain behaviors. For example, the player must rotate the H-block for the second time it's used because that allows the H-block to have a relationship with itself and clear the final line.