



Round 3: Powerhouses

Beginner Division

Name: _____

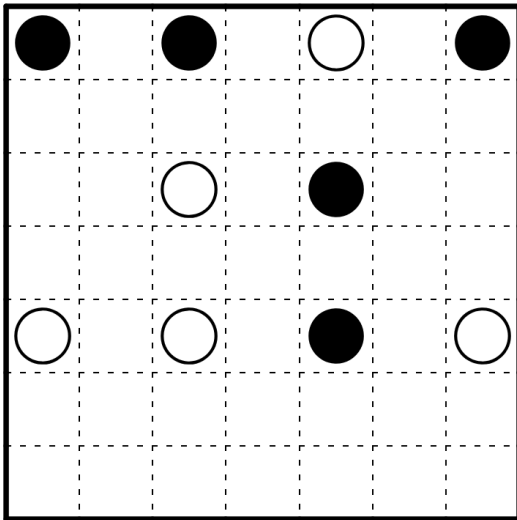
B.3.1	Star Battle	5 points	B.3.10	Double Choco	3 points
B.3.2	Star Battle	8 points	B.3.11	Double Choco	5 points
B.3.3	Star Battle	10 points	B.3.12	Double Choco	10 points
B.3.4	Masyu	2 points	B.3.13	Kakuro	3 points
B.3.5	Masyu	4 points	B.3.14	Kakuro	6 points
B.3.6	Masyu	7 points	B.3.15	Kakuro	12 points
B.3.7	LITS	3 points			
B.3.8	LITS	7 points			
B.3.9	LITS	15 points			

Total: 100 points

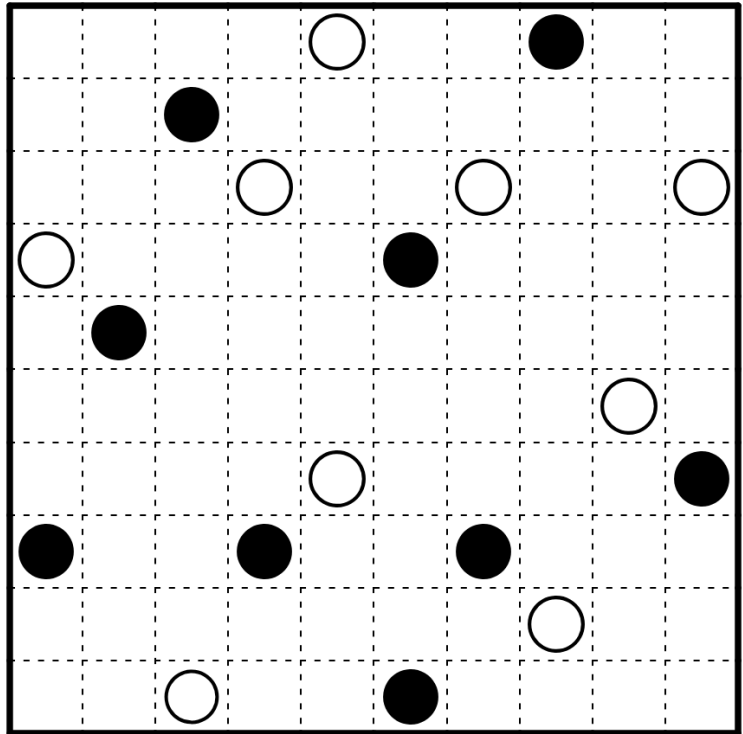
B.3.4—B.3.6: Masyu

Draw a non-intersecting loop through the centers of some cells that passes through every circle. The loop must turn on black circles and travel straight through the cells on either side. The loop must go straight through white circles, and turn in at least one of the cells on either side.

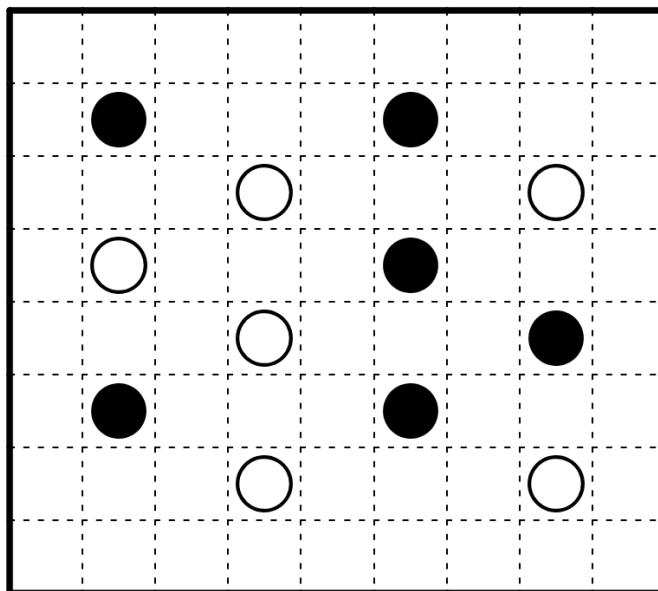
Puzzle B.3.4 (2 Points)



Puzzle B.3.5 (4 Points)



Puzzle B.3.6
(7 Points)

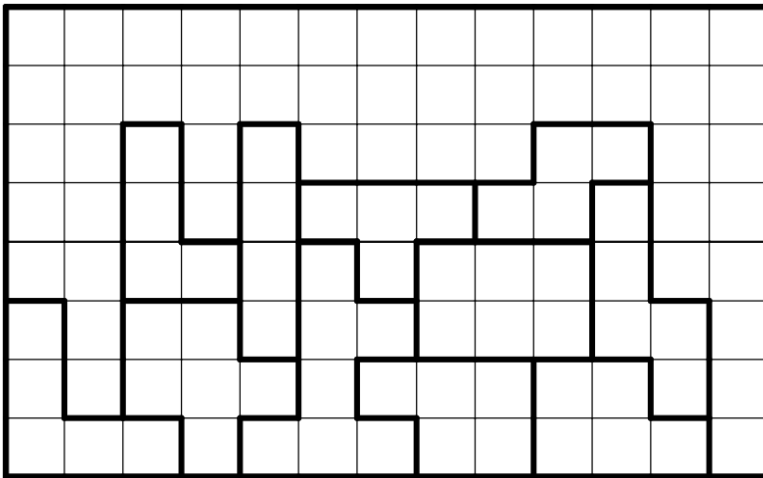


B.3.7—B.3.9: LITS

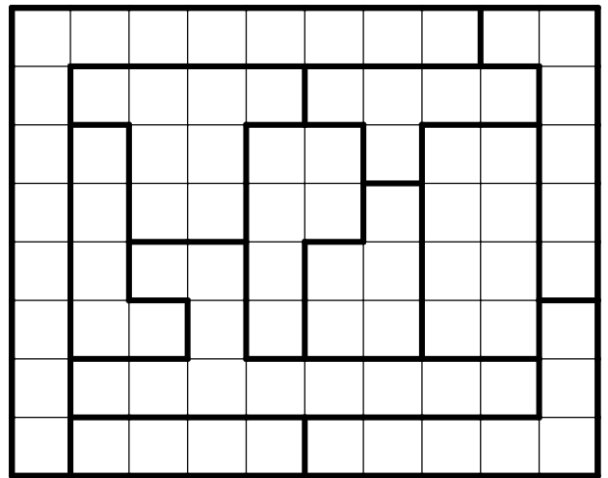
Shade one tetromino of cells in each region so that all shaded cells form one orthogonally connected area. Two tetrominoes of the same shape may not touch orthogonally, counting rotations and reflections as the same. No 2x2 region may be entirely shaded.

(Note: Some regions may have internal borders. In these cases, the two cells adjacent to the internal border cannot both be shaded.)

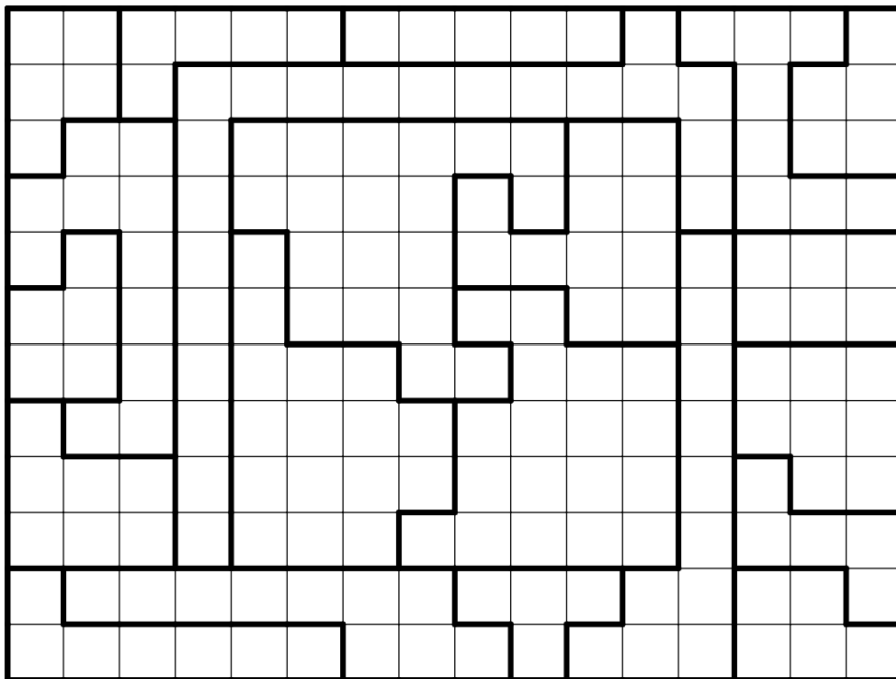
Puzzle B.3.7 (3 Points)



Puzzle B.3.8 (7 Points)



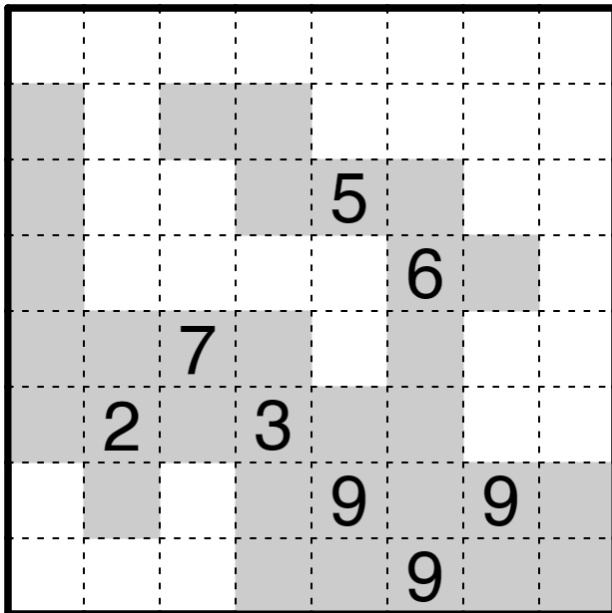
Puzzle B.3.9 (15 Points)



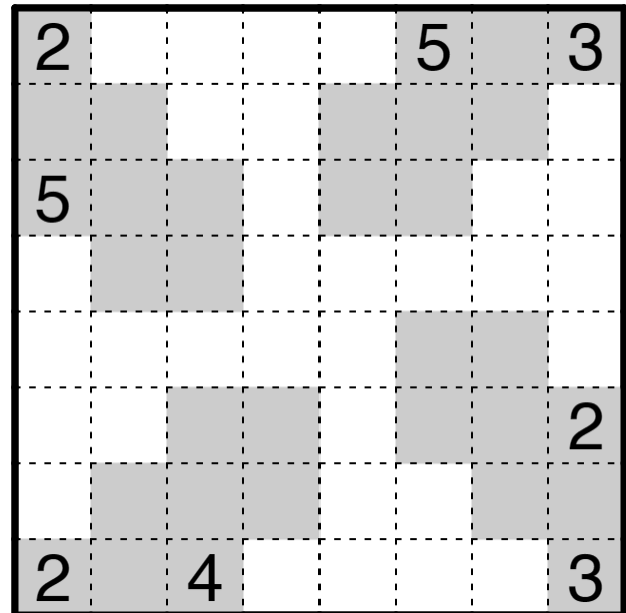
B.3.10—B.3.12: Double Choco

Divide the grid into regions of orthogonally connected cells, each containing a connected group of white cells and a connected group of grey cells, with the property that the shape of the white cells is identical to the shape of the grey cells, allowing rotations and reflections. Clued cells must belong to a region containing the indicated number of white cells and the indicated number of grey cells.

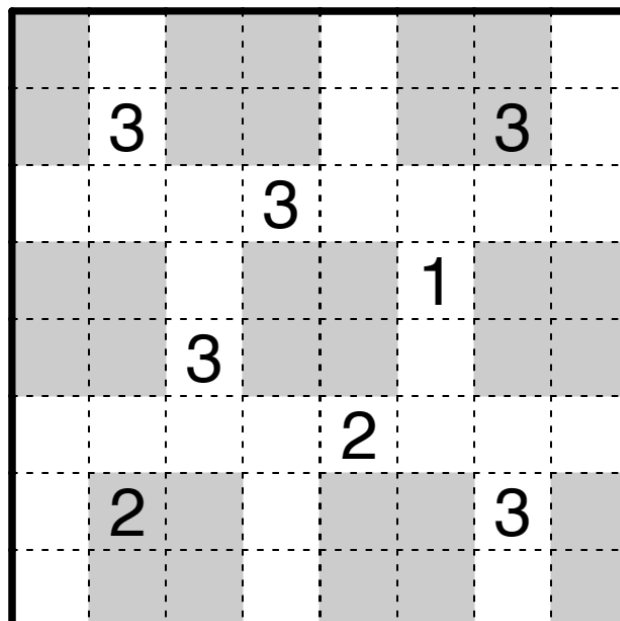
Puzzle B.3.10 (3 Points)



Puzzle B.3.11 (5 Points)

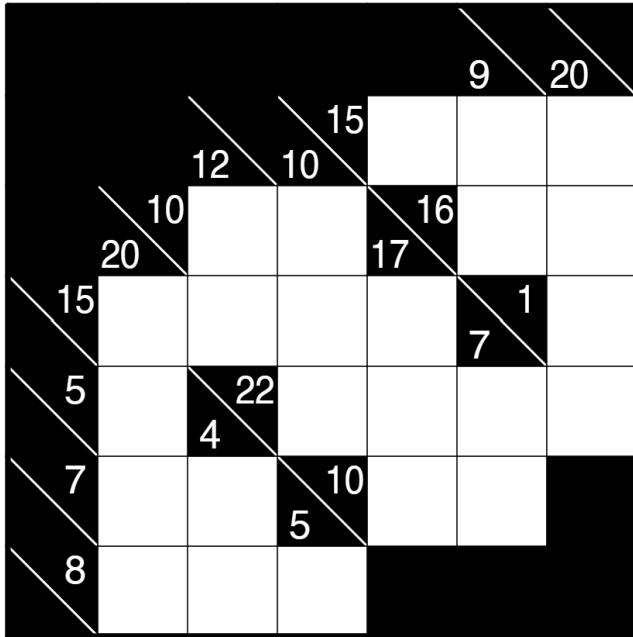


Puzzle B.3.12
(10 Points)



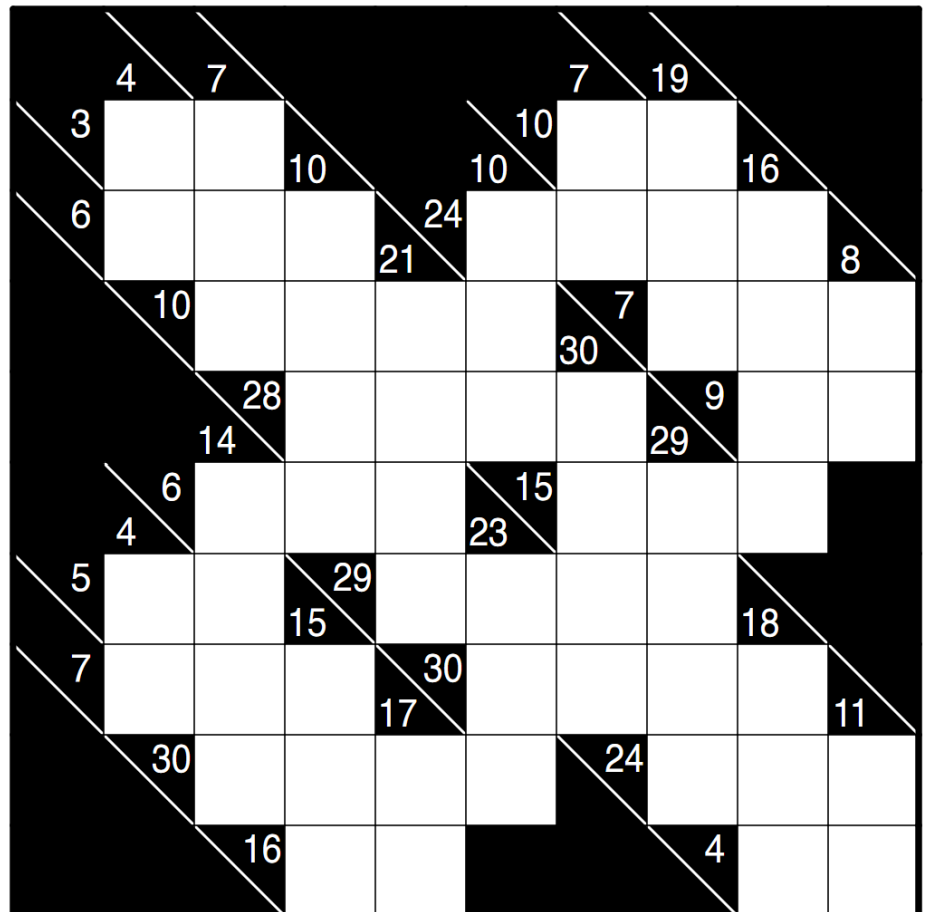
B.3.13—B.3.14: Kakuro

Place a number from 1 to 9 into each empty cell so that no number is repeated in any unobstructed horizontal or vertical line. A clue on the bottom of a blocked cell represents the sum of the numbers in the vertical line below it. A clue on the right side of a blocked cell represents the sum of the numbers in the horizontal line to its right. Clues cannot see numbers through other blocked cells.



Puzzle B.3.13
(3 Points)

Puzzle B.3.14
(6 Points)



B.3.15: Kakuro

Place a number from 1 to 9 into each empty cell so that no number is repeated in any unobstructed horizontal or vertical line. A clue on the bottom of a blocked cell represents the sum of the numbers in the vertical line below it. A clue on the right side of a blocked cell represents the sum of the numbers in the horizontal line to its right. Clues cannot see numbers through other blocked cells.

Puzzle B.3.15 (12 Points)

