



Round 2: Made in America

Advanced Division

Name: _____

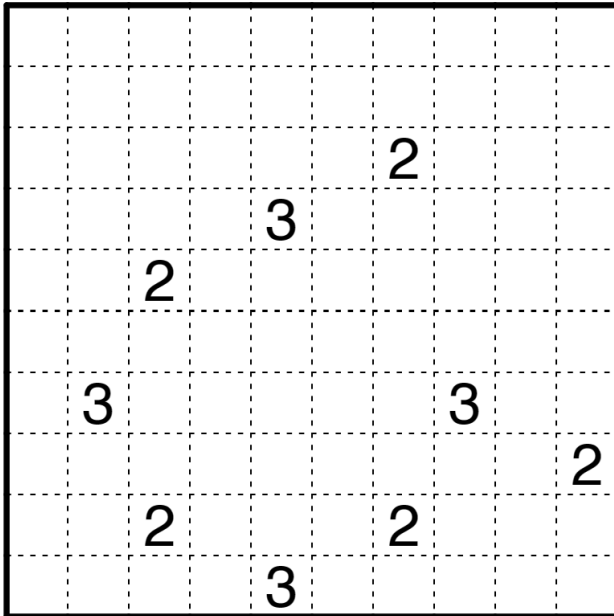
A.2.1	Square Jam	3 points	A.2.10	Isowatari	3 points
A.2.2	Square Jam	7 points	A.2.11	Isowatari	5 points
A.2.3	Square Jam	12 points	A.2.12	Isowatari	7 points
A.2.4	Aquapelago	2 points	A.2.13	Pentominous (Borders)	4 points
A.2.5	Aquapelago	6 points	A.2.14	Pentominous (Borders)	5 points
A.2.6	Aquapelago	15 points	A.2.15	Pentominous (Borders)	8 points
A.2.7	Castle Wall	4 points			
A.2.8	Castle Wall	7 points			
A.2.9	Castle Wall	12 points			

Total: 100 points

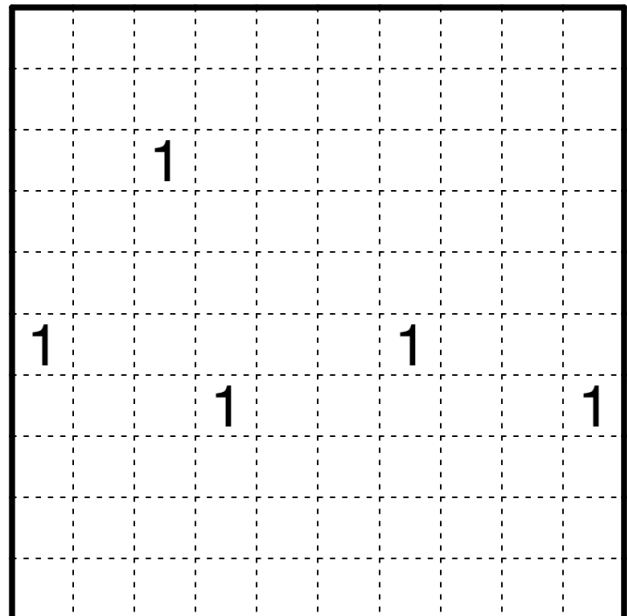
A.2.1—A.2.3: Square Jam

Divide the grid into square regions of orthogonally connected cells. A number indicates the side length of the square it's in. Region borders may not form any four-way intersections.

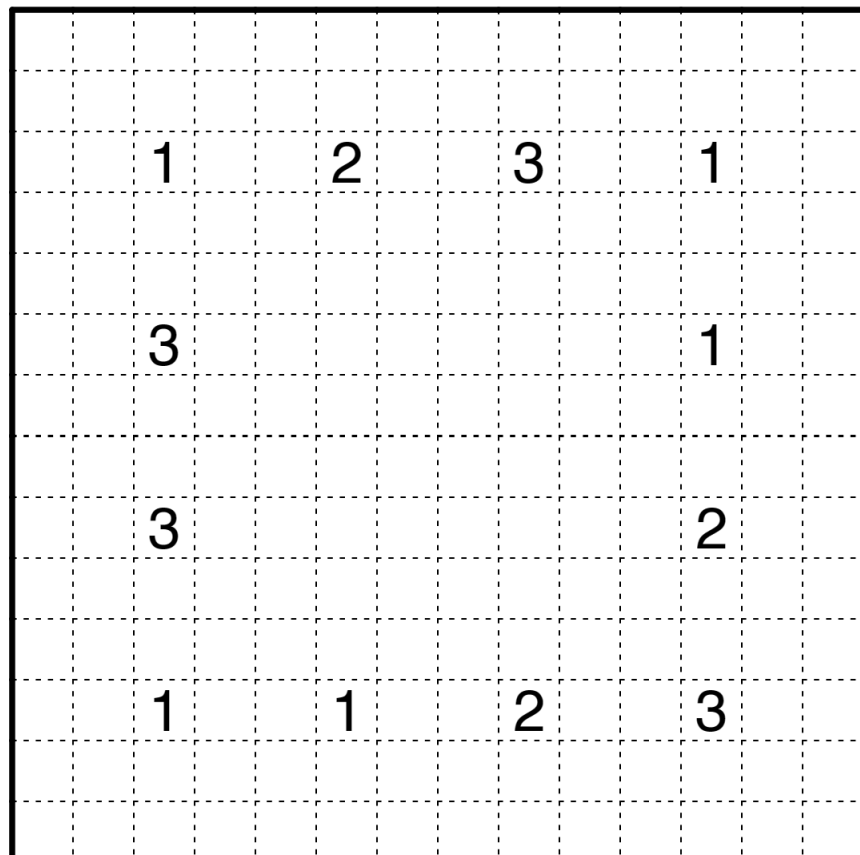
Puzzle A.2.1 (3 Points)



Puzzle A.2.2 (7 Points)



Puzzle A.2.3
(12 Points)

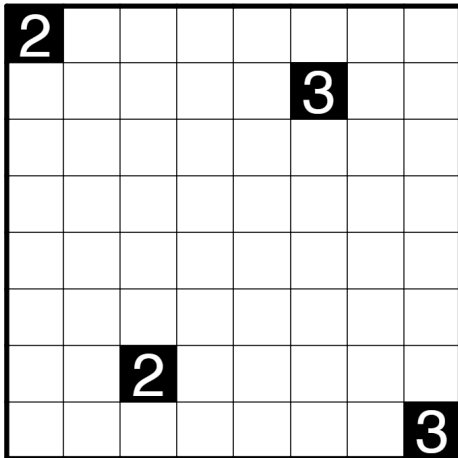


A.2.4—A.2.6: Aquapelago

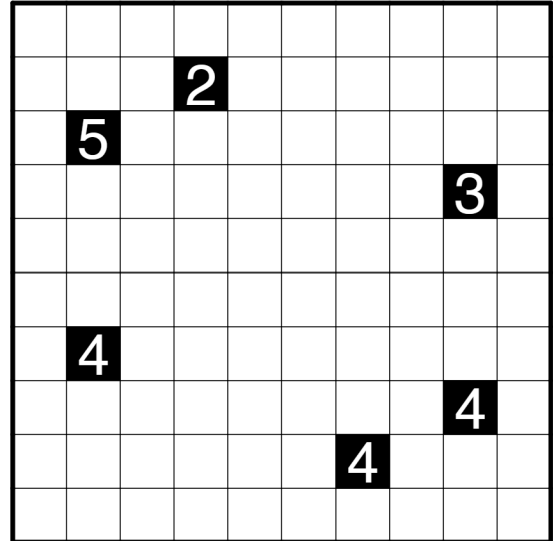
Shade some cells so that no two shaded cells are orthogonally adjacent and the remaining unshaded cells form one orthogonally connected area. No 2x2 area may be entirely unshaded.

Clued cells must be shaded, and indicate the number of shaded cells in the diagonally connected group they belong to.

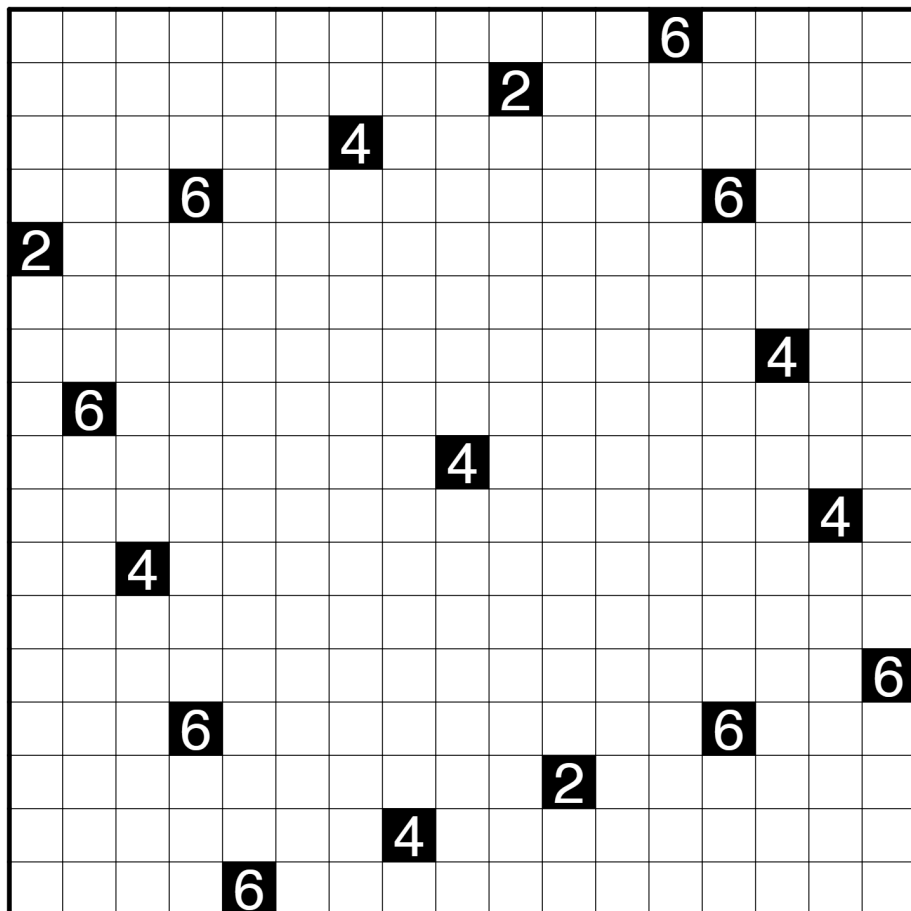
Puzzle A.2.4 (2 Points)



Puzzle A.2.5 (6 Points)



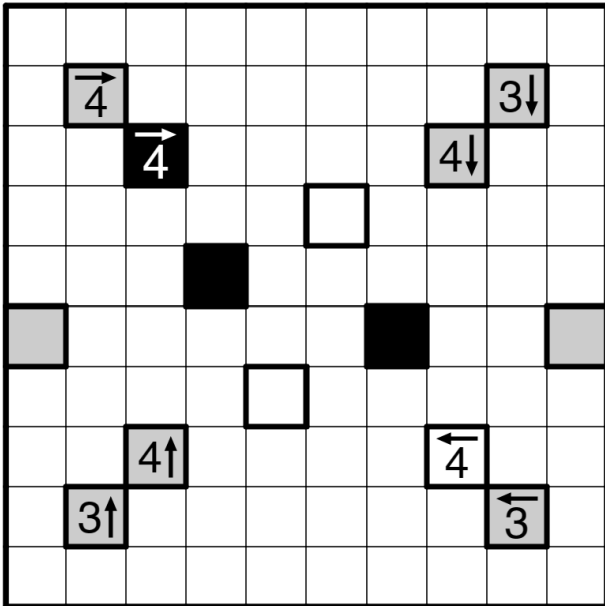
Puzzle A.2.6
(15 Points)



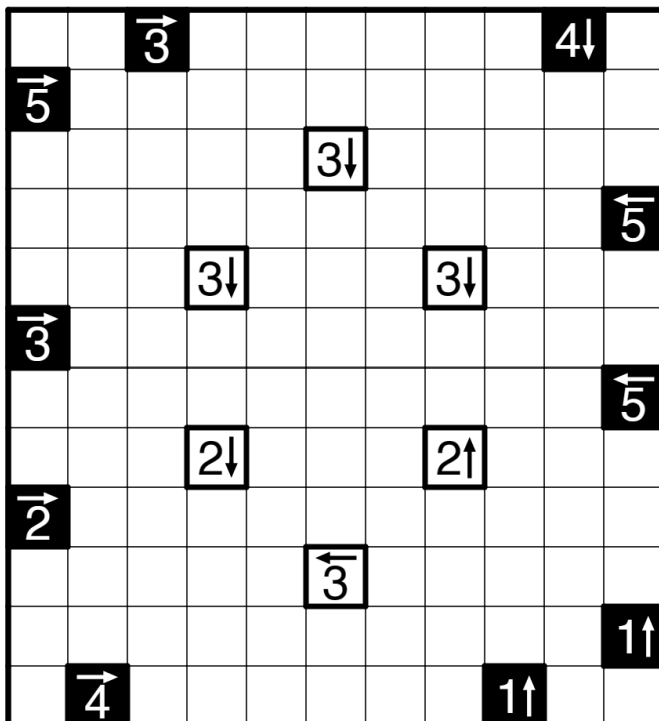
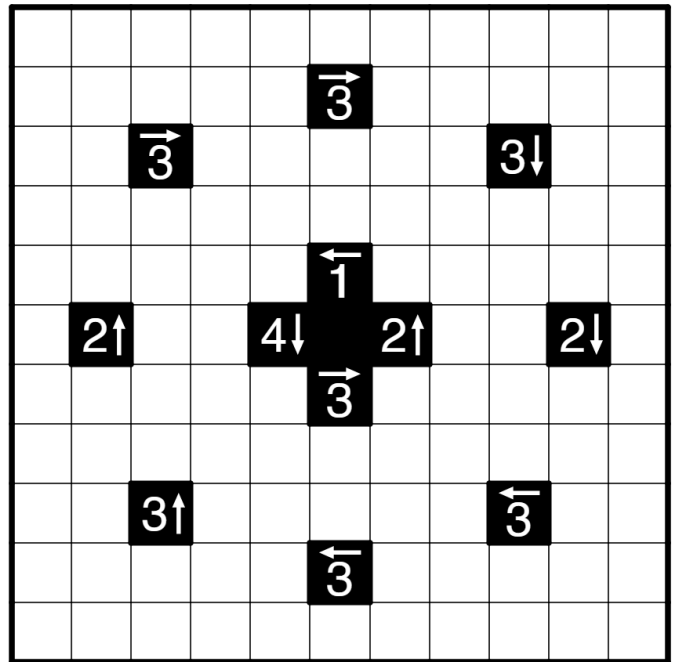
A.2.7–A.2.9: Castle Wall

Draw a non-intersecting loop through the centers of some cells. The loop may not enter outlined cells or cells containing clues. White cells with outlines must lie inside the loop, while black cells with outlines must lie outside the loop. Grey cells may either be inside or outside the loop. A number represents the sum of the lengths of loop segments in the indicated direction.

Puzzle A.2.7 (4 Points)



Puzzle A.2.8 (7 Points)

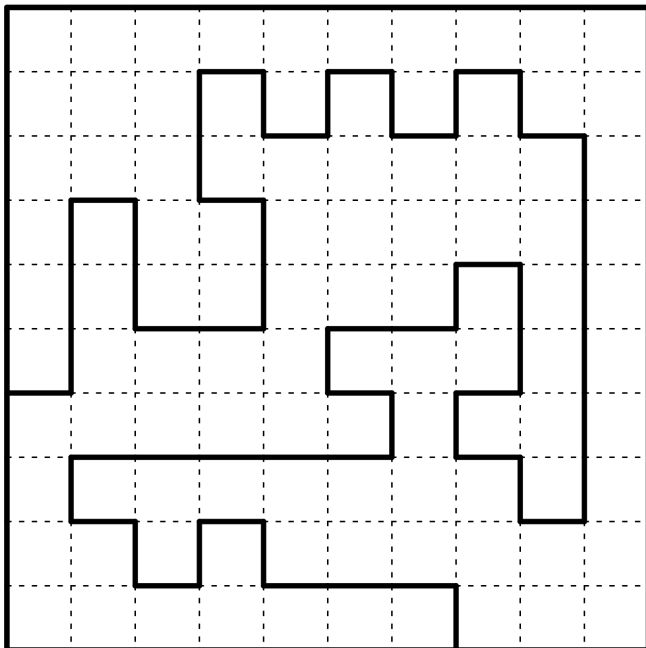


Puzzle A.2.9
(12 Points)

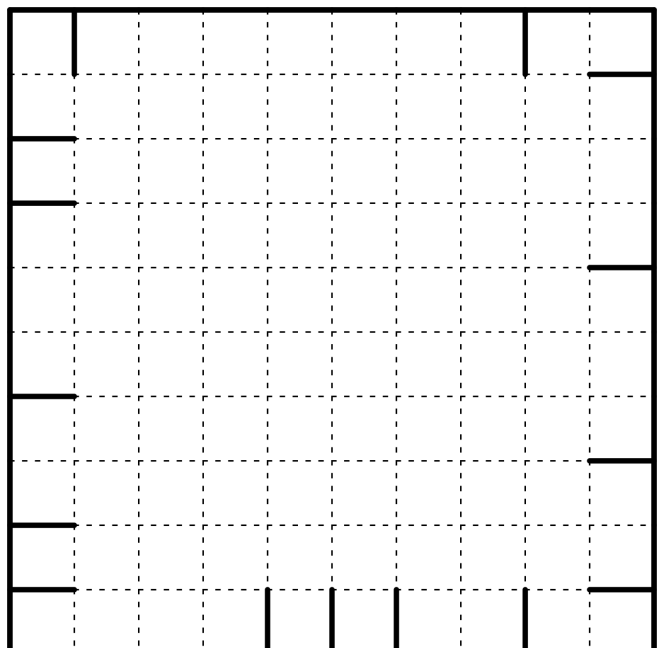
A.2.13—A.2.15: Pentominous (Borders)

Divide the grid into regions of five orthogonally connected cells so that no regions of the same shape share an edge, counting rotations and reflections as the same. Clued cells must belong to a region with the pentomino shape associated with that letter. Borders must separate two different regions.

Puzzle A.2.13 (4 Points)



Puzzle A.2.14 (5 Points)



Puzzle A.2.15
(8 Points)

