# Logic Puzzle Open

# Round 4: Underrated Genres

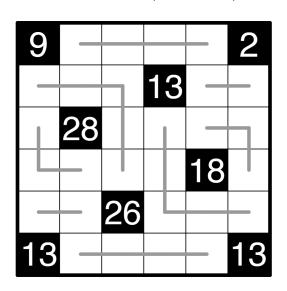
Ma	me:				
	Division:	Advanced		Beginner	
4.1	Number Rope	3 points	4.10	Entry Exit	2 points
4.2	Number Rope	5 points	4.11	Entry Exit	7 points
4.3	Number Rope	10 points	4.12	Entry Exit	9 points
4.4	Square Jam	2 points	4.13	Choco Banana	3 points
4.5	Square Jam	5 points	4.14	Choco Banana	6 points
4.6	Square Jam	6 points	4.15	Choco Banana	7 points
4.7	Creek	3 points	4.16	FourCells	3 points
4.8	Creek	5 points	4.17	FourCells	7 points
4.9	Creek	8 points	<i>I</i> 18	FourCells	9 noints

Total: 100 points

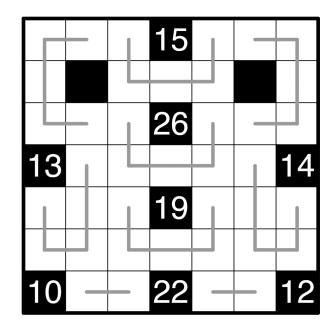
### 4.1—4.3: Number Rope

Place a number from 1 to 9 into each white cell. No two orthogonally adjacent cells may contain the same number. Numbers along a rope must form a sequence of consecutive numbers, in order. A clue in a black cell indicates the sum of the numbers in the orthogonally adjacent white cells.

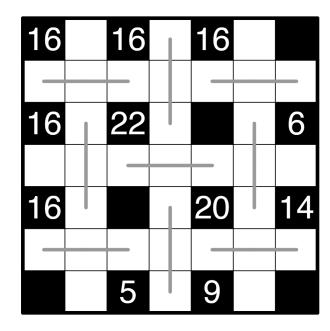
Puzzle 4.1 (3 Points)



Puzzle 4.2 (5 Points)



Puzzle 4.3 (10 Points)

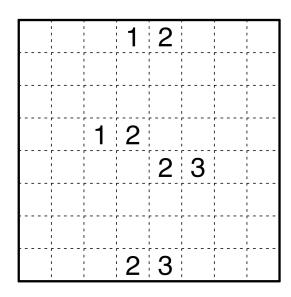


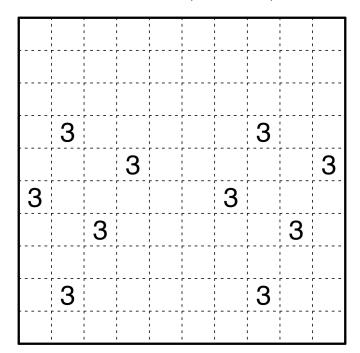
## 4.4—4.6: Square Jam

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.

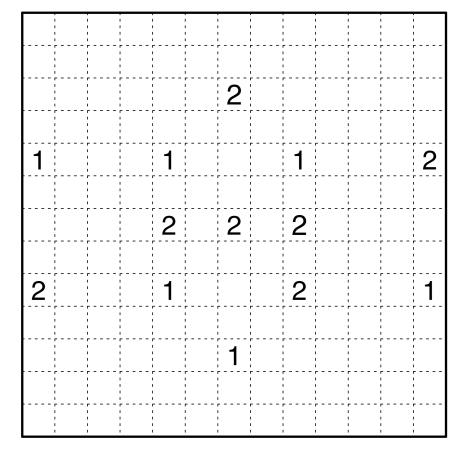
Puzzle 4.5 (5 Points)

Puzzle 4.4 (2 Points)





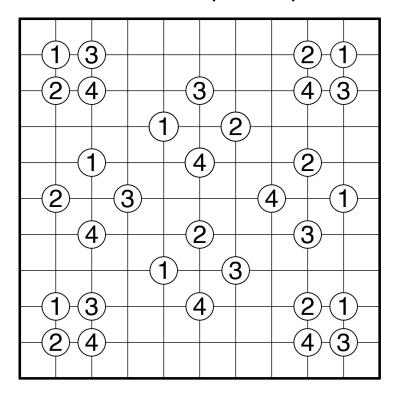
Puzzle 4.6 (6 Points)



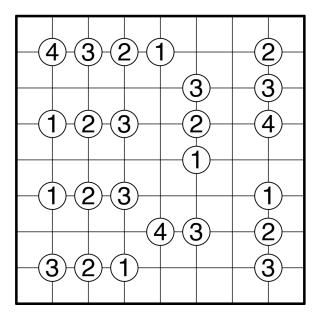
#### 4.7-4.9: Creek

Shade some cells so that the remaining *unshaded* cells form one orthogonally connected area. A clue represents how many of the (up to) four cells it touches are *shaded*.

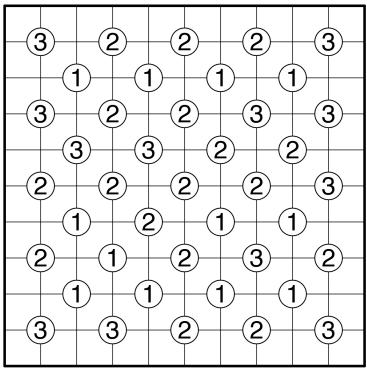
Puzzle 4.7 (3 Points)



Puzzle 4.8 (5 Points)



Puzzle 4.9 (8 Points)

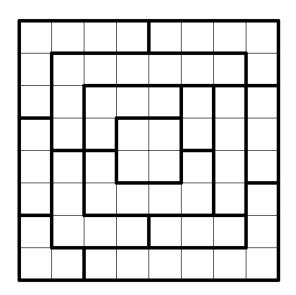


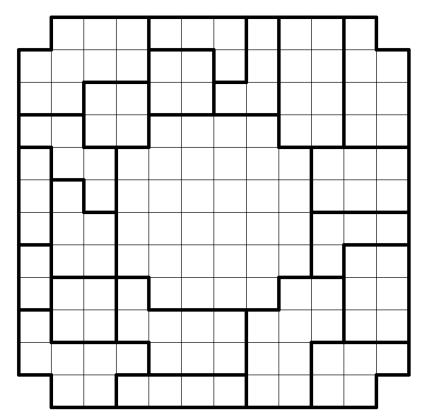
# 4.10-4.12: Entry Exit

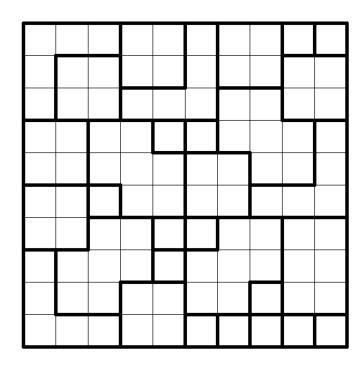
Draw a non-intersecting loop through the centers of all empty cells which passes through each region exactly once.

Puzzle 4.11 (7 Points)

Puzzle 4.10 (2 Points)







Puzzle 4.12 (9 Points)

#### 4.13—4.15: Chocolate Banana

Shade some cells so that all areas of orthogonally connected shaded cells are rectangular and all areas of orthogonally connected unshaded cells are not rectangular. A clue represents the size of its group of shaded/unshaded cells.

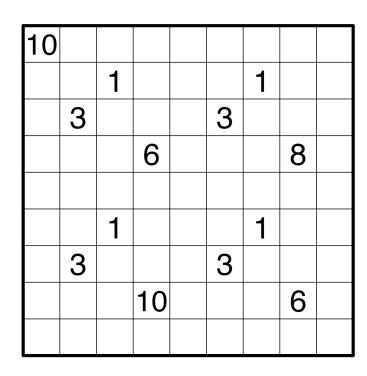
Puzzle 4.13 (3 Points)

3	1					4
				6		4
	8	5		1		
		5 2		2	3	
5		2				
1					5	5

Puzzle 4.14 (6 Points)

2	3						4	11
		2	3		4	11		
		3	6		1	3		
3	6						1	3

Puzzle 4.15 (7 Points)



#### 4.16-4.18: FourCells

Divide the grid into regions of 4 orthogonally connected cells. Clued cells must have the indicated number of 1-unit region borders or grid borders surrounding them (including the border of the grid).

#### Puzzle 4.17 (7 Points)

Puzzle 4.16 (3 Points)

	 	1	1 1 1 1	2	1 1 1 1	1 1 1	1 1 1
	2	r ! !	3	r ! !	r ! !	r ! !	2
	r       	2	 	 ! ! !	r ! !	 	 
	3	  -  -  -	     	, , ,	 	     	1
2	r ! ! !	       	     	 ! ! !	r ! ! !	2	 ! ! !
	r ! !		     	 ! !	3	,	 
1	r       		     	3	r ! !	3	r ! !
	r I I		3	     	1	     	

3	2	,   	! !	2	2	,   	 	2	3
3	3	2	3	3	3	2	3	2	2
	         	 ! ! !	 ! !	 		  -  -  -	r       	 ! !	     
	,	 ! ! !	3	3	2	3	r : : :	 ! !	
	1	 ! ! !	2	3	3	2	r       	 ! ! !	
	 ! ! !	r ! ! !	3	3	3	2	r ! !	2	  -  -  -
	 ! !	r ! ! !	2	2	3	2	     	 ! ! !	r       
	r ! ! !	r ! !	r ! !	r ! ! !	r       	r ! ! !	r       	r ! !	  -  -
2	2	3	2	2	3	2	3	2	2
3	3	F ! ! !	F ! ! !	3	3	F ! ! !	r ! ! !	2	3

Puzzle 4.18 (9 Points)

