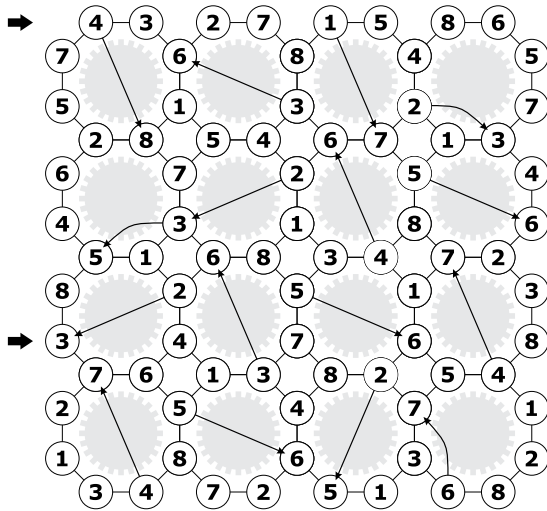


### SOLUTIONS

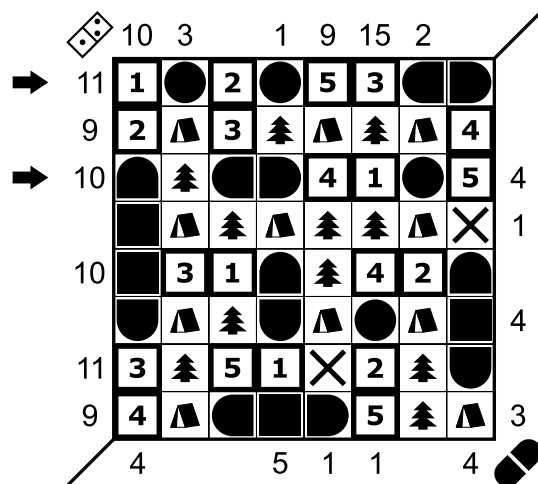
#### 1. Gears (45 points)



#### 2. 2D Magic (70 points)

5	0	3	1	8	2	9	7	6	4
3	2	9	4	6	0	5	1	8	7
6	1	8	5	7	3	4	2	9	0
7	4	2	0	9	1	8	6	5	3
9	8	7	6	5	4	3	0	2	1

#### 3. 3-in-1 (55 points)



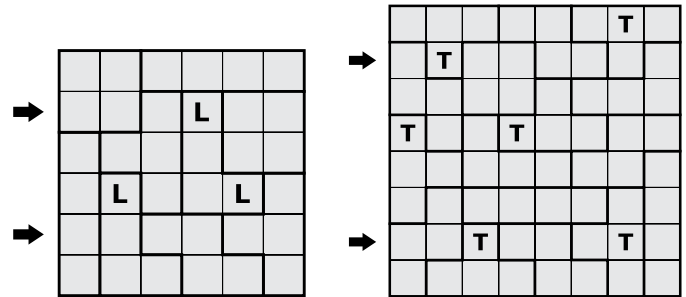
#### 4-5. BarbieBarbie (25 + 55 points)

1	2	-1	0	-2
-1	0	-2	2	1
-2	-1	2	1	0
2	1	0	-2	-1
0	-2	1	-1	2

-2	2	0	1	-1	0	3
2	3	0	2	1	-1	-2
1	-2	-1	3	2	0	0
0	1	3	2	-2	-1	0
-1	0	2	-2	3	1	4
3	-1	-2	0	1	2	0

#### 6-7. Untouchable Tetra (20 + 60 points)



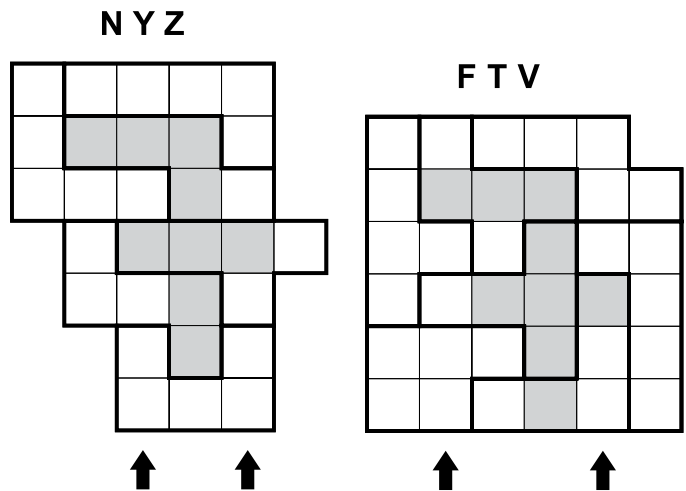
#### 8-9. Figure Sums (35 + 60 points)

1	5	2	3	4
2	4	3	1	5
4	1	5	2	3
3	2	4	5	1
5	3	1	4	2

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

#### 10-11. Pentagramma (35 + 45 points)

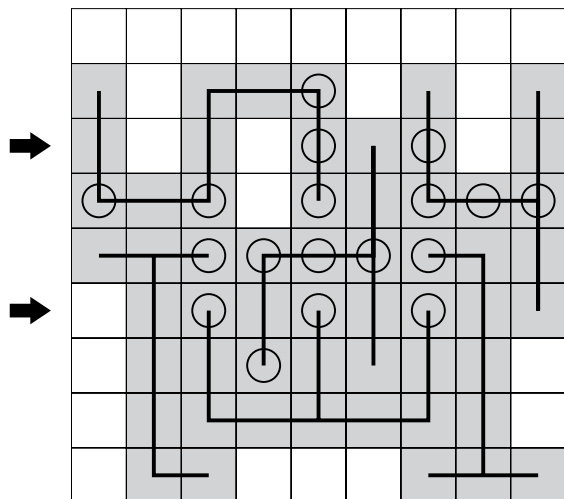
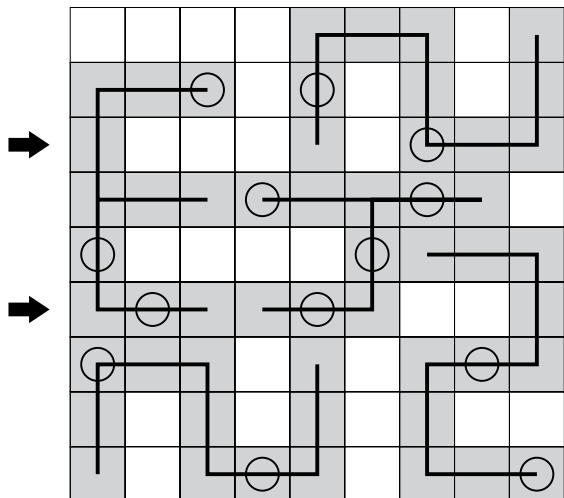


#### 12. Domino magnets (85 points)

3	4	2	1	5	4	10	9
3	4	4	6	6	10	3	
3	3	4	1	4	4	4	
3	5	2	5	5	1	2	19
2	2	2	3	2	6	14	3
5	5	4	1	4	11	4	
1	6	6	6	1	6	24	2
2	3	1	4	5	4	3	6
2	12	10	14	8	8	8	22
10	13	4	6	20	4	4	2

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### 13-14. Digital coverage (40 + 40 points)



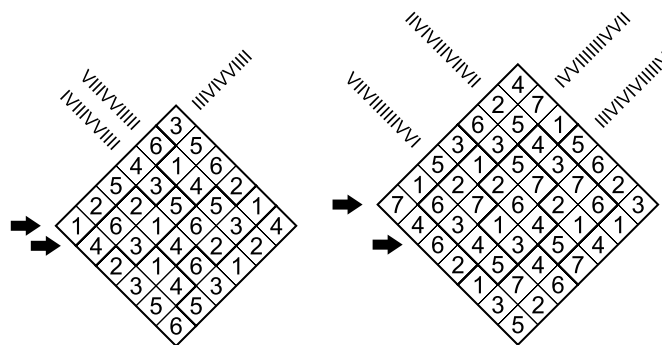
### 15. Hula-hoop (110 points)

8	3	1	5	9				4	6	7	2
						6		1			
	7	4	6	3	2	5		8			9
		9	2	7	1	8					5
2					3	7	5	6	9	1	
1	8	5	7		9						4
3	4				8		6	2			
			9	2	4			7	5	8	3
	6	8	3	1	7	4					5
	5					3	8	9	7		6
			1	5		9	2				4
7	9	2	4	6					8	3	1

### 16. Sudoku 1-4 (55 points)

4	3	2	3	2	1	4	4	4	3
4	1	3	4	4	3	2	3	2	4
3	2	4	2	3	4	1	4	4	3
4	4	3	4	1	4	3	2	3	2
1	2	4	3	4	2	4	3	4	3
4	3	4	4	3	4	3	2	1	2
2	4	3	1	2	3	4	3	4	4
3	4	2	4	3	4	2	4	3	1
2	3	4	3	4	3	4	1	2	4
3	4	1	2	4	2	3	4	3	4

### 17-18. Roman sudoku (45 + 60 points)



### 19. Triangular Sudoku (60 points)

