

## 1 Ken Ken

3+		3/
2	1	3
3/	2	
3	2	1
	1-	
1	3	2

2/	48*		
2	1	3	4
	1-		2
1	3	4	2
1-		5+	4+
3	4	2	1
4	2	1	3

4-		30*		1-
5	1	3	2	4
3+			12*	
2	5	1	4	3
	2/			5
1	2	4	3	5
11+	15+			2/
4	3	5	1	2
3	4	2	5	1

## 2 Cube Nets

The cube nets are 1, 3, 4, 6, 9, 11, 13, 14, 15, 17, and 20, numbered from left to right and top to bottom.

### 3 Kakuro

		25	16			30	17	
	17	8	9	34	17	9	8	16
29	9	5	7	8	15	6	2	7
17	8	9	33	4	5	8	7	9
9	6	3	29	24	9	8	7	23
	17	23	23	8	6	9	8	1
35	9	8	5	7	6	17	16	7
23	8	6	9	30	7	9	6	8
	16	9	7		17	8	9	

### 4 A Simple Multiple Choice Test

The answers to 1, 2, 3, 4, 5, and 6 are C, D, A, E, B, and D, respectively.

### 5 Sequence reconstruction

(3) Gives  $A < B < D$ , so the second part of (1) is false, so  $A < E$ . Then (5) forces us to have  $A < E < ? < ? < ?$ , that means that the first part of (4) is false, so  $D < C$ , which gives us  $A < E < B < D < C$ .

### 6 Superdoku

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