

## 12. Ordered sudoku

6 + 6

Fill in the grid so that every row, column and 3x3 area contain the digits 1 through 9. Numbers formed within outlined areas appear in order of values given.

*Answer key: write down the contents of the main diagonal, going from the bottom left to top right corner. For the example the answer would be: 265326.*

24	18		39			9		28
	32	11		23	15	35	4	
8		27					30	
	29		20	22	36		7	13
40						19		
38	16	37					10	5
		17		14		34		6
	12		3	31	1		25	
26		33			21			2

14		32			28	7		21
36	9	29	3			13	24	
			23	15				1
	5			22		2		
26	33	35	34	31	17		8	30
					11	19		
4							12	
	20		18		16	25	27	6
10		37						

Example:

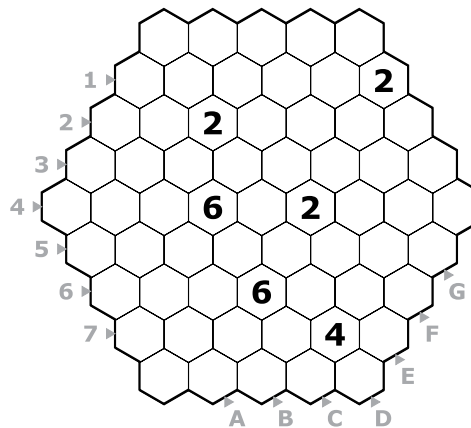
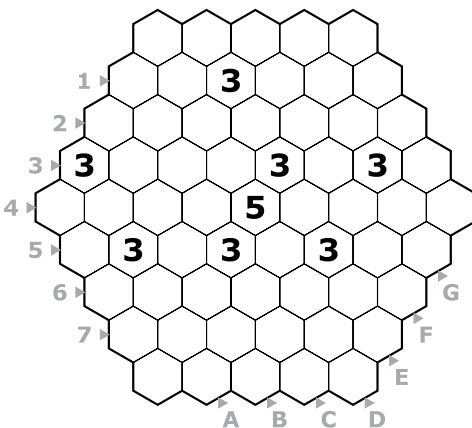
4	1	14	2	3	4	11	5	6
4	17	5	6	1	6	2	16	3
12	6	1	15	1	3	4	5	
7	3	10	4	5	13	3	1	2
5	6	1	2	3	8	4		
5	2	3	9	4	5	2	6	1

## 13. War of the worlds

5 + 5

The grids are occupied by some aliens. Each alien has three identical legs, of any integer length, 120 degrees apart. Digits show the number of occupied cells within one cell radius. No more than one alien can occupy any cell.

*Answer key: for each grid write down the coordinates of all the aliens' heads, from top to bottom. For the example the answer would be: B3, E4, B5, D7.*



Example:

