

Sequences (*-**)

Fill in the missing number on the question mark.

1. 8, 11, 5, 10, 13, 7, 14, ?, 11,...
2. 1, 2, 2, 4, 8, 11, ?, 37, ...
3. 2, 5, 10, 17, 28, ?, 58,...
4. 1, 3, 4, 7, 19, ?, 180,...
5. 1, 4, 9, 7, 7, 9, ?, 10,...

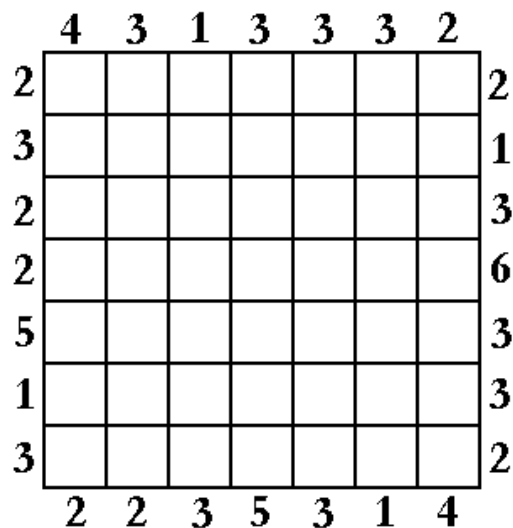
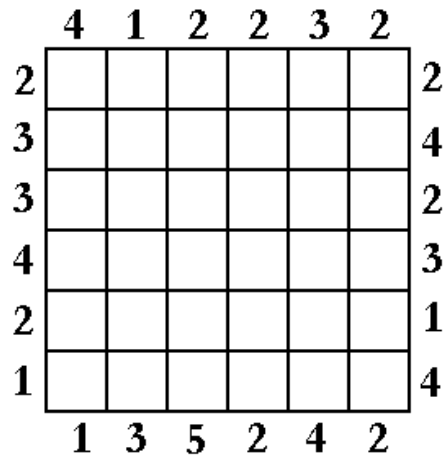
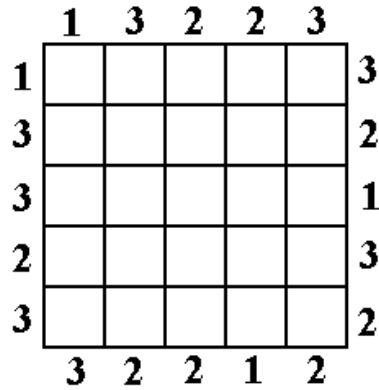
Number Crossword (***)

The numbers tell you the sum of the digits you ought to fill in. Every sum has to be reached by an addition of different numbers. Only the numbers from 1 to 9 are possible. So the sum '7' in 3 digits can only be constructed through the combination '1','2' and '4'. Good luck!

	8	24	14		45	15		34	11
15				14			17		
	39						6		
	11			8			15		
			10						3
			7				18		
	9	34					26		
45									
	19				24				
								12	7
		5			3			3	
	6				16			4	
9				37					
	10								
			10				6		

Skyscrapers (**, *** & ****)

Next 3 puzzles are skyscraper puzzles. In every row and column skyscrapers are built with each a different height. The numbers around the map tell you how many skyscrapers you can see when looking from that side. You can see a skyscraper only when all the skyscrapers in front are smaller. Example looking from left to right we will see 3 skyscrapers in the sequence 1,4,5,2,3. And looking from right to left we will see only 2 buildings. All possible heights are used exactly once in every row and column. Can you place the buildings on these maps?



Mastermind (All ***)

Find out the correct sequence of 4,5 or 6 digits. "●" means one correct digit on a correct spot. "○" means a correct digit on a wrong spot. Only digits 1 to 9 are allowed. And all digits can appear more than once in the sequence.

4531 ○○

3127 ○○

2719 ○○

9278 ○○

6892 ○○

●●●●

95128 ○

87324 ○○○

48293 ●○○

26419 ●○○

67931 ●●

●●●●●

217674 ○○

523452 ●○

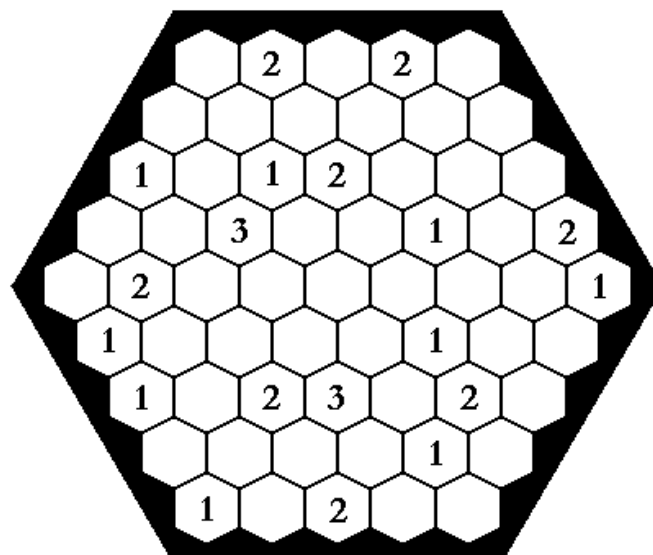
741231 ●○○○

976583 ●●●

●●●●●●

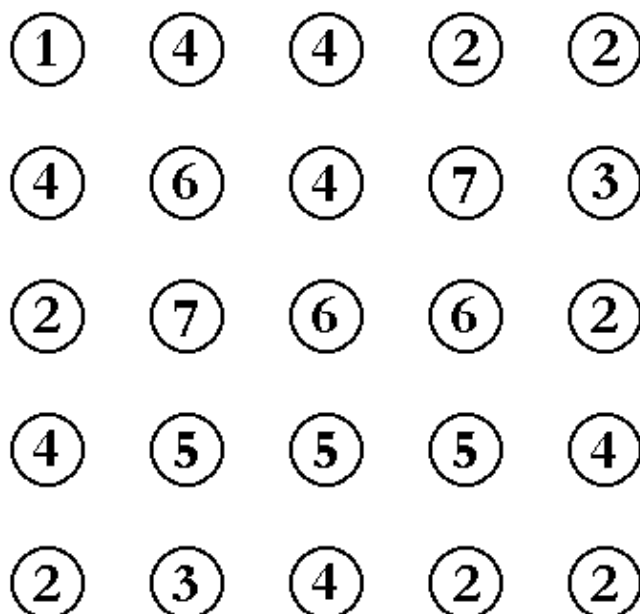
Hexagonal Treasure Island (**)

On this island 14 diamonds have been hidden. The numbers tell you how many diamonds you can find in the adjacent cells. Cells containing a number cannot also contain a diamond. Where are the diamonds hidden?



Spokes (**)

Draw spokes connecting neighboring circles, horizontally, vertically and diagonally. The number in each circle indicates the number of spokes that connect to that circle. All circles are interconnected, and spokes cannot cross one another.



Islands (**)

Each number in the grid is part of an island. The number represents the number of squares in the island, including the numbered square itself. The squares that make up an island must be interconnected horizontally and/or vertically. Islands cannot touch each other horizontally or vertically. However, they can touch diagonally. The remaining squares represent water and must be painted black. The water squares form a completely connected path around the islands, where successive squares share an edge either horizontally or vertically. No 2x2 region can be completely covered by water.

