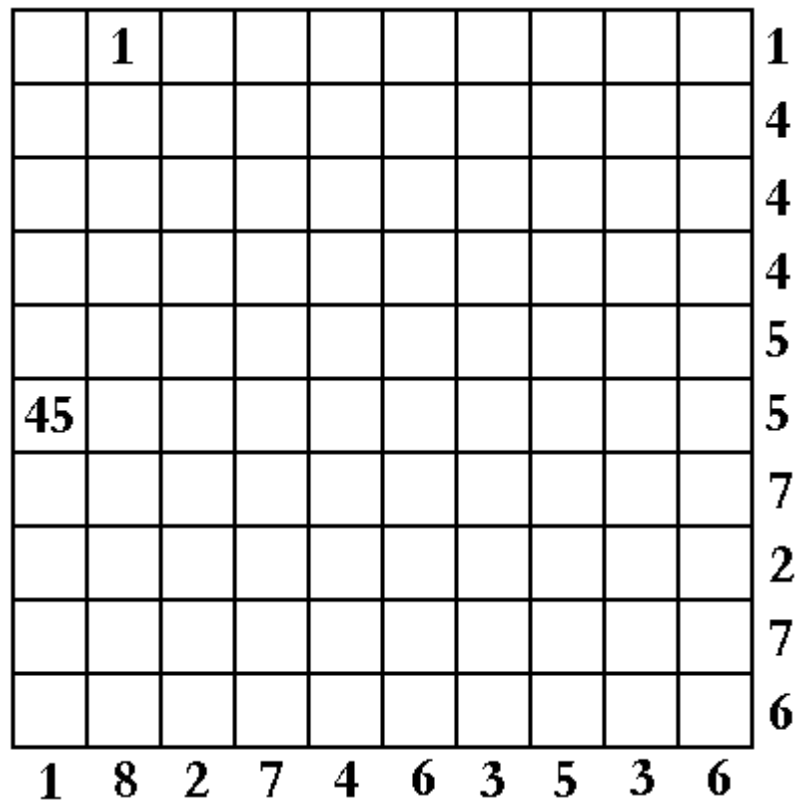


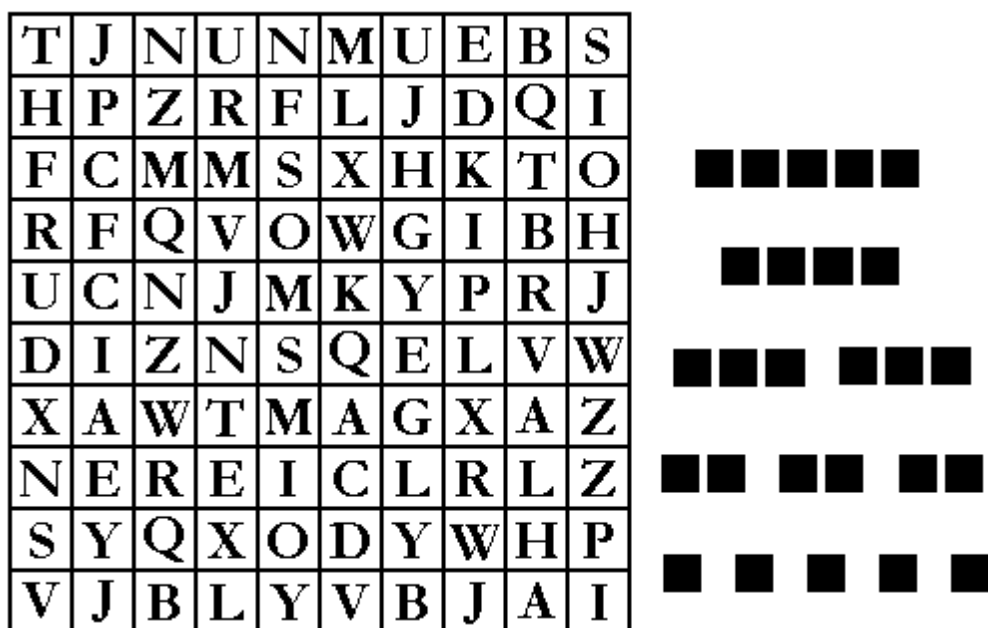
### Snake (\*)

A snake is 45 units long. He is entirely hidden in this piece of grass, only the head (1) and the tail (45) can be seen. The numbers around the grid tell you how many pieces of snake are hidden under the grass. The snake does never touch itself, not even diagonally. Reveal the snake.



### Alphabet Battle Ships (\*\*\*)

Put the fleet in the grid, ships cannot touch each other, not even diagonally. Every character of the alphabet can be used exactly once. Where are the ships situated?



### Dividing Areas (Both \*\*)

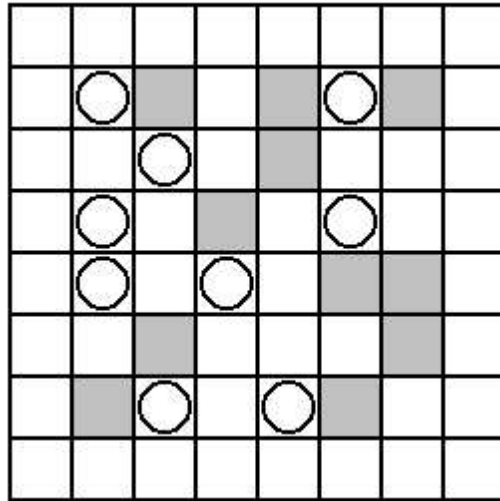
Divide the grid into areas. An area is a cluster of direct neighboring cells. Every area contains exact one number that gives you the size (in cells) of the area. Areas cannot touch directly. Diagonal touching is allowed.

	7					8			
	3			6					
		5						3	
4									
				2				4	
8							5		
			6						
						7	7		
2									

					3				
	6		2		6		6		
7								5	
				8			8		
2			3						
	8				5				
						5		4	

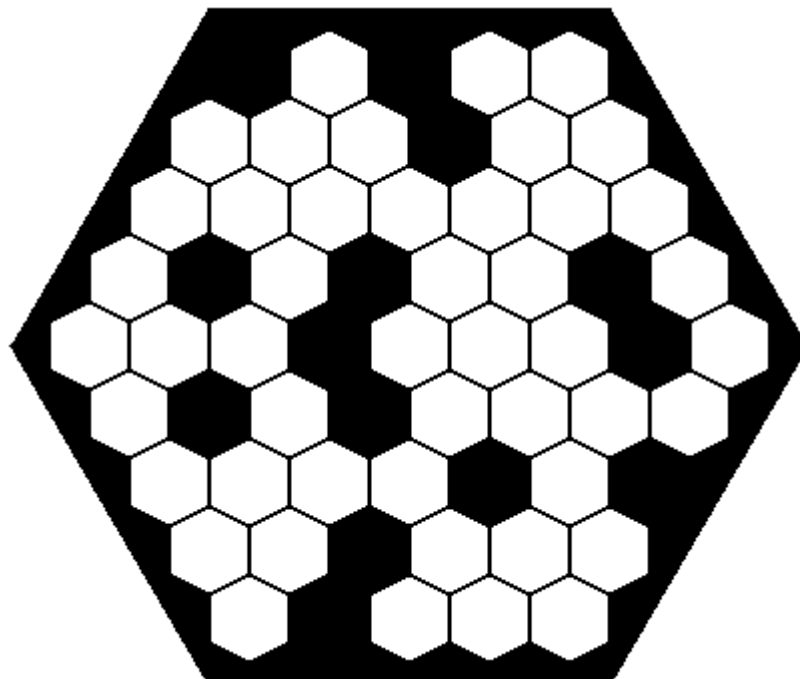
### Line drawing

Draw one continuous line that visits all cells. In a cell with a circle you are not allowed to take a turn. In a gray cell you have to make a turn (of 90 degrees). In every other cell you can do what ever you like. Draw the line.



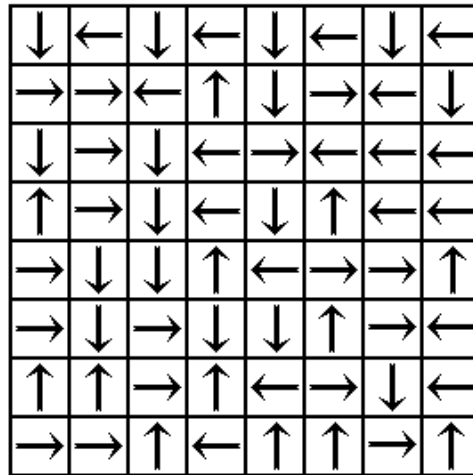
### Honey combs (\*)

Divide this grid into 6 areas of 6 interconnected hexagons by coloring some extra hexagons black.



### Pathfinder (\*\*)

Start in the left upper corner and follow the direction of the arrow to any cell you like. There take the direction of this arrow and follow its direction. Goal: Find a closed path that visits all cells.



### Mathpuzzles (All \*\*)

#### Two equations #1

After filling the numbers in the empty patches there arise two equations with the equal result (ABCD). In each equation you can use only the numbers from 1 to 9 exactly once. Solve both equations.

$$\boxed{\phantom{00}} \times \boxed{\phantom{00}}8 = \boxed{A} \boxed{B} \boxed{C} \boxed{D}$$

$$\boxed{\phantom{00}} \times \boxed{\phantom{00}}3 = \boxed{A} \boxed{B} \boxed{C} \boxed{D}$$

#### Two equations #2

Same as #1 only now the result is ABCDE and you have to use the numbers 0 to 9 exactly once.

$$\boxed{\phantom{00}} \times \boxed{2\phantom{00}} = \boxed{A} \boxed{B} \boxed{C} \boxed{D} \boxed{E}$$

$$\boxed{\phantom{00}} \times \boxed{5\phantom{00}} = \boxed{A} \boxed{B} \boxed{C} \boxed{D} \boxed{E}$$

#### Two equations #3

Two equations have the same solutions, same characters are same numbers. Replace the characters with numbers.

$$AB \times CD = AABC$$

$$BA \times DC = AABC$$

#### Two equations #4

Same as #4

$$AC \times DC = AABC$$

$$CA \times CD = AABC$$