

Nonogram

A **Nonogram** is a puzzle game that you solve by filling in squares in a grid to make a picture.

How to play: Beside each row and column there is a series of numbers. These numbers tell you the number of black squares in that row/column. Each sequence of black squares must be separated by at least one blank space. You can draw an "X" to mark a square as blank.

Example:

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

Unsolved

		3	1	1		5	1	1	1	5
1	1	1	■	■		■				■
1	1	2	2	■	■	■	■	■	■	■
1	1	1	1	■		■		■		
1	1	1	1	■	■					
1	1	1		■		■				

Solved

Try this one for yourself! Some squares are filled in to help you get started.

										1									
				1	1	1	1	1	1	1	2	1	1						
			1	1	1	2	1	1	4	1	1	1	1						
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	8			
	15	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	15	
12																			
1 1		■																	
1 10 1			x														x		
1 1 1 1																			
1 1 1 1 1 1 1																			
1 1 1 1 1 1 1																			
1 1 1 1 1																			
1 1 2 1 1																			
1 1 1 1 1 1						x						x							
1 1 4 1 1										■		x							
1 1 1 1																			
1 10 1																			
1 1																			
1 1																			
1 4 1											x								
1 2 1											x								
1 1																			
14																			
1 1																			
14																			

To check your answer, visit: <https://uwaterloo.ca/computer-museum/resources/handouts>