"Logic Games!"

Sunday, October 11th, 2009, Math Circle Group A

Picross!

Complete the graph by using the clues on the edges, and eliminate any wrong squares! The numbers on the side tell you how many cells appear in a row. For example, "2,2" mean that only two groups of two appear in the row. "3,2,3" means a group of three, then a group of two, then a group of three appears. More examples are given in Math Circle.

But here is one example (do you see the smiling face?)

	1	1,1	1	1,1	1
1,1		X		X	
0					
1,1	X				X
3		X	X	X	

- Fill in the boxes below according to the hints. What do you see?

	3	5	2,3	6	6	5	3
2,2							
7							
2,4							
7							
5							
3							
1							

- Start this one if you have time, but otherwise complete it for homework. Can you tell what shape you get? What do you see?

	2	4	8	4,3	2,2	1	3	3
1,1								
3								
5								
5								
1,1								
1,1								
2,2								
3,1								
5								