Problem 3					
Var	Heap	Address	Var	Stack	Address
	Overhead	1000			
num	1	1004			
den	2	1008			
	Overhead	100C			
num	1	1010			
den	1	1014			
	Overhead	1018			
num	1	101C			
den	2	1020	i	3	FFE7
	Overhead	1024	result	1030	FFEB
num	1	1028	n	3	FFEF
den	4	102C	x	1000	FFF3
	Overhead	1030		Overhead	FFF7
num	1	1034	r	1000	FFFB
den	8	1038		Overhead	FFFF

*Everything highlighted orange is junk.

Problem 4					
Output:					
witch: x = 1, y = 1					
witch: x = 10, y = 0					
witch: x = 101, y = 1					
witch: x = 1011, y = 1					
ghost: x = 13, y = 1011					