



Think Inside the Box

UNODOS says: *Although the Boston Advanced Physics Laboratories encourages outside-of-the-box thinking, sometimes you have to think inside the box. For example, if I locked you in a box and told you to solve puzzles, or else I would flood the box with a deadly neurotoxin. I mean, hypothetically speaking.*

Divide the grid into rectangles, some of which will be shaded and some of which will be left blank. Each rectangle will contain exactly one white number and one black number. For each rectangle, the white number will be the area of that rectangle, and the black number will give the number of orthogonally adjacent shaded rectangles, including itself.

Ex:

	10	6		3	6		3	6	
4			2		2		2	2	2
	3	3							
	3		2	3	4		5	3	2
	4	4				6	3		
	2			2	2		3	6	
10				2			2		2

	10	6		3	6		3	6	
4			2		2		2	2	2
	3	3							
	3		2	3	4		5	3	2
	4	4				6	3		
	2			2	2		3	6	
10				2			2		2

9		4				10	9		2	5	2	2	3		3		4	2	2	
		12							3	7		1	1		3		3		2	
		2		4	3			3				4					6			
2	3	4		4			2						9			9				
			6		3	2					0	7		2	3			3		
	6	1	0		1			14		6									7	
				6					7	1				9			8			
		6					2			3		4				3				
			2		6	9			2		5				3		4		12	
		3		5	4				1	4		1	3	4	4		3	2		
		4	3			6	2	4	1			4				2	4	2	2	
	6			3					1			0	1				2			
			3		4			6	1							9				
8	3	2			3				1	3		3	4	4		3			6	
	4				4				9					8	2		4	1	3	
			4			12					1	6			3		3			
	9				3	4			2		12				8			1	0	
3		3		4	3		3	8	2			4	2		3		4	2		6