SLASH PACK

The grid contains numbers from 1 to N in some cells. The goal is to divide the grid into regions by placing diagonal lines in some empty cells.

Each region must contain the numbers from 1 to N exactly once.

Two diagonals cannot cross in one cell and there cannot be any loose ends.

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