Hidato III: Connect the numbers

Make a chain from 1 to 25, connecting the squares vertically, horizontally, or diagonally. Sometimes it is helpful to work backwards from a number.

17			23	21
15		25		
		19		9
13	3	11	5	
	1			6

	19	16	14	
	17		11	13
21	1	10		
25			7	5
23		3		

	5	8		25
1		6	9	
2	16		18	
15	11			22
	13		21	

6		22	
4	25	24	
9		1	
12		16	
14	15	18	