



A 6x6 grid puzzle. The grid is divided into four 3x3 quadrants by a vertical line between columns 3 and 4, and a horizontal line between rows 3 and 4. The numbers in the grid are as follows:

			6	5	1		7
5			1				
	8	2		9			5
	3				4	7	8
	1		4		3	1	2
8		1	3				
				4		2	1
					8		

There are 16 paths, each consisting of a sequence of connected squares. The paths are defined by the numbers and the connections between them:

- Path 1: (1,1) to (2,2) to (3,3) to (4,4) to (5,5) to (6,6)
- Path 2: (1,2) to (2,3) to (3,4) to (4,5) to (5,6) to (6,7)
- Path 3: (1,3) to (2,4) to (3,5) to (4,6) to (5,7) to (6,8)
- Path 4: (1,4) to (2,5) to (3,6) to (4,7) to (5,8) to (6,9)
- Path 5: (1,5) to (2,6) to (3,7) to (4,8) to (5,9) to (6,10)
- Path 6: (1,6) to (2,7) to (3,8) to (4,9) to (5,10) to (6,11)
- Path 7: (1,7) to (2,8) to (3,9) to (4,10) to (5,11) to (6,12)
- Path 8: (1,8) to (2,9) to (3,10) to (4,11) to (5,12) to (6,13)
- Path 9: (1,9) to (2,10) to (3,11) to (4,12) to (5,13) to (6,14)
- Path 10: (1,10) to (2,11) to (3,12) to (4,13) to (5,14) to (6,15)
- Path 11: (1,11) to (2,12) to (3,13) to (4,14) to (5,15) to (6,16)
- Path 12: (1,12) to (2,13) to (3,14) to (4,15) to (5,16) to (6,17)
- Path 13: (1,13) to (2,14) to (3,15) to (4,16) to (5,17) to (6,18)
- Path 14: (1,14) to (2,15) to (3,16) to (4,17) to (5,18) to (6,19)
- Path 15: (1,15) to (2,16) to (3,17) to (4,18) to (5,19) to (6,20)
- Path 16: (1,16) to (2,17) to (3,18) to (4,19) to (5,20) to (6,21)