



The image shows a sequence of 9 15-puzzle states arranged in a 3x3 grid. Each state is a 4x4 grid containing 15 numbered tiles and one empty space. The states are connected by arrows indicating a sequence of moves. The sequence starts at the top-left state and ends at the bottom-right state.

State 1 (Top-Left):

6	9		
2	8	4	2
7		1	6
			5

State 2 (Top-Middle):

	2		
7			

State 3 (Top-Right):

4	1		
7		6	

State 4 (Middle-Left):

	2		
7			

State 5 (Middle-Middle):

	7		

State 6 (Middle-Right):

State 7 (Bottom-Left):

State 8 (Bottom-Middle):

State 9 (Bottom-Right):
