

Correct State				[1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, None]			
Different initial states					Time taken		Number of steps
[1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, None, 15]					0.00010085105895996094 seconds		1
[1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, None, 14, 15]					0.000118970870971679 seconds		2
[1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, None, 13, 14, 15]					0.00013685226440429688 seconds.		3
[1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, None, 13, 14, 15, 12]					6.699562072753906e-05 seconds.		1
[1, 2, 3, 4, 5, 6, 7, None, 9, 10, 11, 8, 13, 14, 15, 12]					0.00011014938354492188 seconds.		2
[1, 2, 3, None, 5, 6, 7, 4, 9, 10, 11, 8, 13, 14, 15, 12]					0.0001270771026611328 seconds		3
[1, 2, 3, 4, 5, 6, 7, 8, 9, 10, None, 12, 13, 14, 11, 15]					0.00010704994201660156 seconds.		2
[1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, None, 13, 14, 11, 15]					0.0001518726348876953 seconds.		3
[1, 2, 3, 4, None, 5, 7, 8, 9, 6, 10, 12, 13, 14, 11, 15]					0.00024509429931640625 seconds.		5
[None, 2, 3, 4, 1, 5, 7, 8, 9, 6, 10, 12, 13, 14, 11, 15]					0.0002951622009277344 seconds.		6
15	14	13	12				
11	10	9	8				
7	6	5	4				
3	2	1	None				