



The image shows a 3x3 grid of 15-puzzle states. Each state is a 3x3 grid of numbers 1-8 and a blank space (represented by a dot). The states are arranged in a 3x3 grid, with the top-left state being the goal state (1, 2, 3, 4, 5, 6, 7, 8, blank). The states are connected by arrows indicating a sequence of moves.

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