

Figure 1 displays five 10x10 grids representing the state of a 15-puzzle over time. Each grid shows the sequence of moves (indicated by blue arrows) and the resulting state of the puzzle. The grids are labeled with dates: 5 Dec, 12 Dec, 19 Dec, 26 Dec, and 2 Jan. The red numbers in the bottom right corner of each grid indicate the number of moves made on that day.