

Figure 1 displays five 10x10 grids representing the state of a 15-puzzle over time. Each grid shows the positions of the numbered tiles (1-14) and the empty space (15). The grids are labeled with dates: 5 Dec, 12 Dec, 19 Dec, 26 Dec, and 2 Jan. Arrows indicate the movement of tiles between consecutive days. The final grid on 2 Jan shows the puzzle solved, with tiles in their correct positions and the empty space at the bottom right.