



The grid is a 6x6 square divided into four 3x3 quadrants by a central cross. The numbers and diamond shapes are distributed as follows:

- Top-Left Quadrant (Rows 1-3, Columns 1-3):**
 - Row 1: 8 (C1), 7 (C2)
 - Row 2: 9 (C1), 4 (C3)
 - Row 3: 2 (C2)
- Top-Right Quadrant (Rows 1-3, Columns 4-6):**
 - Row 1: 9 (C4), 7 (C5), 6 (C6)
 - Row 2: 1 (C5), 3 (C6)
 - Row 3: 5 (C5), 8 (C6)
- Bottom-Left Quadrant (Rows 4-6, Columns 1-3):**
 - Row 4: 3 (C1), 7 (C2)
 - Row 5: 3 (C1), 7 (C2)
 - Row 6: 1 (C3)
- Bottom-Right Quadrant (Rows 4-6, Columns 4-6):**
 - Row 4: 4 (C5)
 - Row 5: 5 (C6)
 - Row 6: 8 (C4), 1 (C5), 9 (C5), 3 (C4), 2 (C6)

Diamond-shaped obstacles are located in the following cells (Row, Column): (1,4), (2,4), (3,1), (3,3), (4,1), (4,2), (4,4), (5,2), (5,3), (5,4), (5,5), (5,6), (6,2), (6,4), (6,5).

A path is drawn through the grid, starting from the top-left and ending at the bottom-right. The path consists of the following cells: (1,1) → (1,2) → (2,2) → (2,3) → (3,3) → (3,4) → (4,4) → (4,5) → (5,5) → (5,6) → (6,6).