



The grid is a 6x6 square divided into four 3x3 quadrants by a vertical line between columns 3 and 4 and a horizontal line between rows 3 and 4. The numbers and diamond-shaped obstacles are distributed as follows:

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

Diamond-shaped obstacles are located in the following cells: (1,1), (1,2), (2,4), (3,6), (4,2), (5,5), (6,1), (7,2), (8,4), (8,5), (9,3), (9,4), (9,5), (9,6).

A thick gray line represents a path 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) → (6,5) → (6,4) → (7,4) → (7,5) → (8,5) → (8,6) → (9,6).