



The grid is a 9x9 square divided into four quadrants by a central vertical and horizontal line. The numbers and paths are as follows:

- Top-Left Quadrant (Rows 1-4, Columns 1-4):**
  - Row 1: 9 (C1), 3 (C3)
  - Row 2: 4 (C1), empty (C3)
  - Row 3: empty (C1), empty (C3)
  - Row 4: empty (C1), 2 (C3)
- Top-Right Quadrant (Rows 1-4, Columns 5-8):**
  - Row 1: 2 (C5)
  - Row 2: empty (C5), 3 (C7), 7 (C8)
  - Row 3: 7 (C5), 9 (C6), 3 (C7), 1 (C8)
  - Row 4: empty (C5), empty (C7), empty (C8)
- Bottom-Left Quadrant (Rows 5-8, Columns 1-4):**
  - Row 5: 4 (C1), 2 (C3)
  - Row 6: empty (C1), empty (C3)
  - Row 7: 9 (C1), 1 (C3)
  - Row 8: 8 (C1), 5 (C3)
- Bottom-Right Quadrant (Rows 5-8, Columns 5-8):**
  - Row 5: 6 (C5), 8 (C6)
  - Row 6: 7 (C5), 9 (C6)
  - Row 7: 2 (C5), 6 (C7)
  - Row 8: empty (C5), 7 (C7)

**Paths:**

- Thick Gray Paths:**
  - From 3 (C3, R1) to empty (C3, R2) to empty (C3, R3) to 2 (C3, R4).
  - From 4 (C1, R5) to empty (C1, R6) to 9 (C1, R7) to 5 (C3, R8).
  - From 9 (C6, R3) to 3 (C7, R3) to 1 (C8, R3) to empty (C8, R4) to empty (C8, R5) to empty (C8, R6) to empty (C8, R7) to empty (C8, R8).
  - From 2 (C3, R4) to 3 (C3, R5) to 6 (C3, R6) to 4 (C3, R7) to 9 (C6, R7) to 2 (C5, R7) to 6 (C7, R7) to empty (C7, R8) to 7 (C7, R8).
- Thin Gray Paths:**
  - From 3 (C3, R1) to empty (C3, R2) to empty (C3, R3) to 2 (C3, R4).
  - From 4 (C1, R5) to empty (C1, R6) to 9 (C1, R7) to 5 (C3, R8).
  - From 9 (C6, R3) to 3 (C7, R3) to 1 (C8, R3) to empty (C8, R4) to empty (C8, R5) to empty (C8, R6) to empty (C8, R7) to empty (C8, R8).
  - From 2 (C3, R4) to 3 (C3, R5) to 6 (C3, R6) to 4 (C3, R7) to 9 (C6, R7) to 2 (C5, R7) to 6 (C7, R7) to empty (C7, R8) to 7 (C7, R8).

**Circled Numbers:** 4 (C1, R5), 9 (C6, R3), 8 (C6, R5), 9 (C6, R6), 4 (C1, R5).