



The grid contains the following numbers in the following positions (row, column):

- Row 1: (1,1)=1, (1,2)=6, (1,4)=4, (1,7)=7
- Row 2: (2,1)=3, (2,3)=8, (2,5)=2, (2,7)=1, (2,8)=2
- Row 3: (3,4)=9, (3,5)=6, (3,7)=7, (3,9)=5
- Row 4: (4,4)=8, (4,6)=7, (4,9)=6
- Row 5: (5,3)=4, (5,4)=3, (5,7)=5, (5,8)=8
- Row 6: (6,2)=9, (6,4)=8, (6,7)=3, (6,8)=9
- Row 7: (7,2)=5, (7,4)=2

The paths are continuous across the grid, connecting diamond-shaped nodes at the intersections of the grid lines. The paths are as follows:

- Path 1: (1,1) → (2,2) → (3,3) → (4,4) → (5,5) → (6,6) → (7,7) → (8,8) → (9,9)
- Path 2: (1,2) → (2,3) → (3,4) → (4,5) → (5,6) → (6,7) → (7,8) → (8,9)
- Path 3: (1,4) → (2,5) → (3,6) → (4,7) → (5,8) → (6,9)
- Path 4: (1,7) → (2,8) → (3,9)
- Path 5: (2,1) → (3,1) → (4,1) → (5,1) → (6,1) → (7,1) → (8,1) → (9,1)
- Path 6: (2,4) → (3,4) → (4,4) → (5,4) → (6,4) → (7,4) → (8,4) → (9,4)
- Path 7: (2,7) → (3,7) → (4,7) → (5,7) → (6,7) → (7,7) → (8,7) → (9,7)
- Path 8: (3,2) → (4,2) → (5,2) → (6,2) → (7,2) → (8,2) → (9,2)
- Path 9: (3,5) → (4,5) → (5,5) → (6,5) → (7,5) → (8,5) → (9,5)
- Path 10: (3,8) → (4,8) → (5,8) → (6,8) → (7,8) → (8,8) → (9,8)