



A 5x5 grid puzzle. The grid contains numbers and diamond-shaped paths. The numbers are placed in the following cells (row, column): (1,1)=4, (1,2)=3, (1,3)=7, (1,4)=6, (1,5)=3, (1,6)=2, (2,1)=2, (2,2)=4, (2,3)=5, (2,4)=8, (2,5)=1, (2,6)=9, (3,1)=3, (3,2)=2, (3,3)=8, (3,4)=6, (3,5)=1, (3,6)=5, (4,1)=8, (4,2)=5, (4,3)=3, (4,4)=7, (4,5)=1, (5,1)=2, (5,2)=1, (5,3)=7. The diamond-shaped paths are formed by connecting adjacent cells (horizontally, vertically, or diagonally) and are numbered 1 through 9. The paths are: 1: (3,1)-(3,2)-(3,3)-(3,4)-(3,5); 2: (1,1)-(1,2)-(1,3)-(1,4)-(1,5); 3: (2,1)-(2,2)-(2,3)-(2,4)-(2,5); 4: (1,2)-(1,3)-(1,4)-(1,5)-(1,6); 5: (2,3)-(2,4)-(2,5)-(2,6)-(2,7); 6: (3,2)-(3,3)-(3,4)-(3,5)-(3,6); 7: (4,1)-(4,2)-(4,3)-(4,4)-(4,5); 8: (1,1)-(1,2)-(1,3)-(1,4)-(1,5); 9: (2,5)-(2,6)-(2,7)-(2,8)-(2,9).