



A 5x5 grid with numbers and paths. The grid is divided into four quadrants by a vertical line between columns 2 and 3, and a horizontal line between rows 2 and 3. The numbers are placed in the following cells: (1,1)=7, (1,2)=2, (1,3)=6, (1,4)=9, (1,5)=3, (2,1)=6, (2,2)=3, (2,3)=8, (2,4)=2, (2,5)=8, (3,1)=5, (3,2)=3, (3,3)=8, (3,4)=1, (3,5)=4, (4,1)=2, (4,2)=8, (4,3)=4, (4,4)=9, (4,5)=5, (5,1)=7, (5,2)=1, (5,3)=5, (5,4)=4, (5,5)=9. The paths are: 1. A path starting at (1,1) and ending at (5,5) with vertices at (1,1), (2,1), (2,2), (3,2), (3,3), (4,3), (4,4), (5,4), (5,5). 2. A path starting at (1,2) and ending at (5,2) with vertices at (1,2), (2,2), (2,3), (3,3), (3,4), (4,4), (4,5), (5,5). 3. A path starting at (1,3) and ending at (5,3) with vertices at (1,3), (2,3), (2,4), (3,4), (3,5), (4,5), (4,4), (5,4), (5,3). 4. A path starting at (1,4) and ending at (5,4) with vertices at (1,4), (2,4), (2,5), (3,5), (3,4), (4,4), (4,3), (5,3), (5,4). 5. A path starting at (1,5) and ending at (5,5) with vertices at (1,5), (2,5), (2,4), (3,4), (3,3), (4,3), (4,2), (5,2), (5,3), (5,4), (5,5).