



The image shows a 6x6 grid with numbers and diamond-shaped obstacles. A path is highlighted with a thick grey line. The path starts at the top-left diamond (row 1, column 1) and ends at the bottom-right diamond (row 6, column 6). The path consists of the following segments: (1,1) to (1,2), (1,2) to (1,3), (1,3) to (2,3), (2,3) to (2,4), (2,4) to (3,4), (3,4) to (3,5), (3,5) to (4,5), (4,5) to (4,6), (4,6) to (5,6), (5,6) to (5,5), (5,5) to (5,4), (5,4) to (5,3), (5,3) to (5,2), (5,2) to (5,1), (5,1) to (6,1), (6,1) to (6,2), (6,2) to (6,3), (6,3) to (6,4), (6,4) to (6,5), and (6,5) to (6,6).