

Staffordshire Surprise Major

Figure 1 displays eight 8x8 grids, each representing a different path for the 8-queens problem. The grids are labeled (2) through (8). Each grid contains numbers 1 through 8, and a path of blue squares indicates the solution. The paths are as follows:

- (2) Path: (1,8), (2,3), (3,6), (4,1), (5,5), (6,2), (7,7), (8,4).
- (3) Path: (1,4), (2,6), (3,8), (4,5), (5,7), (6,3), (7,1), (8,2).
- (4) Path: (1,5), (2,7), (3,2), (4,8), (5,3), (6,4), (7,1), (8,6).
- (5) Path: (1,6), (2,8), (3,4), (4,7), (5,2), (6,5), (7,3), (8,1).
- (6) Path: (1,7), (2,5), (3,8), (4,2), (5,6), (6,3), (7,1), (8,4).
- (7) Path: (1,8), (2,3), (3,6), (4,1), (5,5), (6,2), (7,7), (8,4).
- (8) Path: (1,7), (2,5), (3,8), (4,2), (5,6), (6,3), (7,1), (8,4).