

## Ways To One Sudoku by Bill Murphy

Standard Sudoku rules (insert a number from 1 to 9 into each cell so that no number repeats in any row, column, or bold region). Each value greater than 1 that is in an orthogonally connected, decreasing, consecutive path that ends in 1 is shaded gray. (E.g., 4-3-2-1 would make a valid path, but 6-5-3-2-1 would not, as 5 and 3 are not consecutive.) Paths may overlap each other. All 1s must be in white cells and all possible shaded cells are given.

|   |  |   |   |   |   |   |  |   |
|---|--|---|---|---|---|---|--|---|
| 1 |  | 3 |   | 5 |   |   |  |   |
|   |  |   |   |   |   |   |  |   |
|   |  | 7 |   |   |   | 5 |  | 6 |
|   |  |   | 3 |   | 9 |   |  |   |
| 7 |  | 5 |   |   |   | 9 |  | 3 |
|   |  |   | 5 |   | 7 |   |  |   |
| 4 |  | 9 |   |   |   | 2 |  |   |
|   |  |   |   |   |   |   |  |   |
|   |  |   |   | 9 |   | 1 |  | 8 |