

## ANTI-DIAGONAL SUDOKU

Fill digits 1–9 in the empty spaces of the grid so that they appear exactly once in each row, column, and 3×3 square.

Additionally, each main diagonal (indicated by broken gray lines) can have at most three different digits.

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

