## X-Factor Sudoku

Place a number from 1-9 in each empty cell so that each row, each column and each $3 \times 3$ block contains all the numbers from 1-9. In addition, the numbers 1-9 must also appear on the main diagonals.

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

