## $\square$ <br> WPF SUDOKUPUZZLE GRAND PRIX <br> 2014

# WPF suDOKUGP 2014 COMPETITION BOOKLET 

## PLAYOFFS

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Organised by

## 1 Double Sudoku

Place a digit from 1-4 in each empty cell so that each digit appears exactly twice in each row, column, and outlined region. Identical digits cannot share an edge.

|  |  |  |  |  | 1 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 3 |  |  |  |
|  |  |  | $?$ |  | 4 |  |  |
| $4$ |  |  |  | 4 |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  | $4$ |  | $?$ |  |  |  |
|  |  |  |  |  | 4 |  |  |
| $4$ |  |  |  | 4 |  |  |  |

## 2 Classic Sudoku

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in every row, column, and outlined $3 \times 3$ region.

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

## 3 Irregular Sudoku

Apply Classic Sudoku rules. Additionally, instead of $3 \times 3$ regions, the regions have irregular shapes.

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

## 4 Classic Sudoku

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in every row, column, and outlined $3 \times 3$ region.

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

## 5 Triomino Sudoku

Place a digit from 1 to 6 into each empty cell or blacken the cell so that each digit appears exactly once in every row, column, and outlined $3 \times 3$ region along with three black cells. Each black cell should be part of an orthogonally connected group of three blackened cells (a triomino). No two triominoes can share an edge.

|  |  |  | 1 |  | 2 |  | 3 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 5 |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 6 |  |  |  |
| 4 |  | 3 |  |  |  |  |  | 6 |
|  |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  | 1 | 4 | 5 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 4 |
|  | 6 |  | 3 |  | 1 |  |  |  |

## 6 Classic Sudoku

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in every row, column, and outlined $3 \times 3$ region.

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

## 7 Palindrome Sudoku

Apply Classic Sudoku rules. Additionally, the numbers formed by the digits on the gray lines are palindromes meaning they can be read equally in both directions.

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

