

# Hard Sudoku 1

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 2

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 3

Use 1–9 once in every row, column, and 3-by-3 box.

|          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>3</b> |          |          |          | <b>1</b> |          | <b>5</b> |          |          |
|          |          | <b>8</b> | <b>6</b> |          | <b>3</b> |          |          |          |
| <b>7</b> |          | <b>1</b> | <b>5</b> |          | <b>9</b> |          |          |          |
|          |          |          |          |          |          | <b>4</b> |          |          |
|          |          |          |          | <b>7</b> | <b>6</b> | <b>8</b> |          |          |
| <b>2</b> | <b>8</b> | <b>9</b> |          | <b>3</b> |          |          |          |          |
| <b>4</b> |          |          |          | <b>2</b> | <b>1</b> |          |          |          |
|          |          |          | <b>3</b> |          |          |          | <b>4</b> | <b>6</b> |
|          |          |          | <b>7</b> |          |          | <b>9</b> |          |          |

# Hard Sudoku 4

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 5

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 6

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 7

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 8

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 9

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 10

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 11

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 12

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 13

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 14

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 15

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 16

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 17

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 18

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 19

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 20

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 1 - Answer key

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 2 - Answer key

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 3 - Answer key

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 4 - Answer key

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 5 - Answer key

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 6 - Answer key

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 7 - Answer key

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 8 - Answer key

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 9 - Answer key

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 10 - Answer key

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 11 - Answer key

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 12 - Answer key

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 13 - Answer key

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 14 - Answer key

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 15 - Answer key

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 16 - Answer key

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 17 - Answer key

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 18 - Answer key

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 19 - Answer key

Use 1–9 once in every row, column, and 3-by-3 box.

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

# Hard Sudoku 20 - Answer key

Use 1–9 once in every row, column, and 3-by-3 box.

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