

Sudoku #8

Tough Sudoku by KrazyDad, Volume 16, Book 77

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

KrazyDad runs on electricity and coffee. Want to buy me a cup of coffee?  
You can donate at <http://krazydad.com>  
Or by mail: KrazyDad, P.O. Box 303 Sun Valley, CA 91353 USA  
Thank you for helping out!

© 2017 KrazyDad.com

scratch area

|  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

Sudoku #1

Tough Sudoku by KrazyDad, Volume 16, Book 77

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

f u c n r d t h s, u c n g t a g d j b n c m p t r p y g r m m g.

© 2017 KrazyDad.com

scratch area

|  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

Sudoku #2

Tough Sudoku by KrazyDad, Volume 16, Book 77

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

© 2017 KrazyDad.com

You have many dear and loyal friends.

scratch area

|  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

Sudoku #7

Tough Sudoku by KrazyDad, Volume 16, Book 77

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

© 2017 KrazyDad.com

You have no real enemies.

scratch area

|  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

Sudoku #6

Tough Sudoku by KrazyDad, Volume 16, Book 77

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

Our envy always lasts longer than the happiness of those we envy.  
-- La Rochefoucauld

© 2017 KrazyDad.com

scratch area

|  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

Sudoku #3

Tough Sudoku by KrazyDad, Volume 16, Book 77

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

Un chasseur sachant chasser sans son chien.  
(A hunter who knows how to hunt hunts without his dog.)

© 2017 KrazyDad.com

scratch area

|  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

Sudoku #4

Tough Sudoku by KrazyDad, Volume 16, Book 77

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

The countenance may be rightly defined as the title page which heralds the contents of the human volume, but like other title pages, it sometimes puzzles, often misleads, and often says nothing to the purpose.  
-- William Matthews

© 2017 KrazyDad.com

scratch area

|  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

Sudoku #5

Tough Sudoku by KrazyDad, Volume 16, Book 77

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

Having children is hereditary:  
If your parents didn't have any, then you probably won't either.

© 2017 KrazyDad.com

scratch area

|  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

## Hints

Tough Sudoku by KrazyDad, Volume 16, Book 77

## Answers

Tough Sudoku by KrazyDad, Volume 16, Book 77

Sudoku #1

|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
|    |    | 31 | 18 |    | 19 | 41 | 32 |    |
|    | 42 | 43 | 20 | 21 |    | 54 | 44 | 22 |
|    | 8  |    |    | 4  | 1  | 33 | 34 |    |
| 15 | 11 | 45 |    | 5  |    | 46 |    | 14 |
| 16 | 35 | 36 | 6  |    | 2  | 17 | 37 | 23 |
| 7  |    | 47 |    | 3  |    | 48 | 38 | 24 |
|    | 49 | 50 | 25 | 51 |    |    | 26 |    |
| 13 | 39 | 9  |    | 40 | 27 | 28 | 29 |    |
|    | 52 | 53 | 12 |    | 30 | 10 |    |    |

Sudoku #2

|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
| 53 | 35 | 13 | 3  |    | 43 |    | 10 | 2  |
|    | 29 | 44 | 38 | 37 |    | 24 | 11 | 39 |
| 45 |    |    |    | 25 | 40 |    | 30 | 41 |
|    | 23 | 20 |    | 21 |    | 1  |    | 14 |
| 22 |    | 17 | 7  | 18 | 5  | 8  |    | 12 |
| 54 |    | 46 |    | 19 |    | 9  | 15 |    |
| 33 | 4  |    | 26 | 32 |    |    |    | 31 |
| 55 | 27 | 47 |    | 36 | 48 | 49 | 6  |    |
| 50 | 34 |    | 42 |    | 51 | 52 | 28 | 16 |

INSTRUCTIONS: These hint grids reveal the order in which the squares were solved by my computer. It's not necessarily the same order you would use, but it's probably close. Follow the numbered squares in order 1,2,3... until you find a square you haven't solved yet. This square (or the one or two immediately after it) is a good candidate to solve next.

Sudoku #3

|   |    |    |    |    |    |    |    |    |
|---|----|----|----|----|----|----|----|----|
| 1 | 20 | 7  | 21 | 8  | 19 |    |    |    |
| 2 | 24 |    | 43 | 44 | 18 | 52 | 38 | 53 |
|   | 22 |    | 25 | 23 |    | 13 | 12 |    |
|   | 31 |    | 39 |    |    | 40 | 32 |    |
| 3 | 33 | 16 | 34 |    | 27 | 54 | 45 | 46 |
|   | 28 | 14 |    |    | 26 |    | 29 |    |
|   | 9  | 4  |    | 10 | 35 |    | 36 |    |
| 5 | 11 | 6  | 47 | 17 | 30 |    | 48 | 49 |
|   |    |    | 15 | 41 | 37 | 50 | 42 | 51 |

Sudoku #4

|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
| 24 | 21 | 39 | 53 | 49 |    |    | 4  |    |
| 22 | 15 | 11 |    | 19 |    | 17 | 16 |    |
| 40 | 20 |    | 41 |    | 13 |    |    | 14 |
| 29 |    | 1  | 50 |    | 30 |    | 42 | 43 |
| 6  |    | 5  | 51 | 44 | 33 | 31 |    | 45 |
| 28 | 23 |    | 52 |    | 7  | 46 |    | 27 |
| 35 |    |    | 12 |    | 32 |    | 8  | 25 |
|    | 3  | 34 |    | 26 |    | 47 | 38 | 48 |
|    | 2  |    |    | 36 | 18 | 10 | 37 | 9  |

Sudoku #5

|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
| 28 |    |    |    | 49 | 25 | 50 | 19 | 51 |
| 18 | 17 | 14 | 24 | 30 | 38 | 10 | 39 |    |
| 11 | 29 |    | 23 | 40 |    |    | 26 | 31 |
| 4  |    | 5  | 1  |    | 2  |    |    | 6  |
| 52 | 32 |    |    |    |    |    | 41 | 8  |
| 53 |    |    | 7  |    | 3  | 42 |    | 9  |
| 33 | 16 |    |    | 43 | 13 |    | 35 | 36 |
|    | 44 | 12 | 20 | 54 | 21 | 37 | 27 | 45 |
| 22 | 46 | 15 | 34 | 47 |    |    |    | 48 |

Sudoku #6

|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
|    | 22 | 23 | 43 | 44 | 45 | 24 | 34 | 30 |
| 19 | 20 | 13 | 17 | 12 |    | 21 |    |    |
|    | 14 | 18 | 16 | 11 |    |    |    | 8  |
| 2  |    |    | 35 | 46 | 47 | 31 |    | 1  |
| 26 | 25 |    |    |    |    |    | 15 | 27 |
| 5  |    | 28 | 48 | 49 | 7  |    |    | 3  |
| 32 |    |    |    | 50 | 51 | 52 | 36 |    |
|    |    | 37 |    | 53 | 38 | 9  | 39 | 33 |
| 29 | 6  | 40 | 41 | 54 | 10 | 42 | 4  |    |

Sudoku #7

|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
| 44 |    | 33 |    | 34 | 1  |    | 15 |    |
|    | 16 |    |    | 35 | 2  | 3  | 45 | 36 |
| 46 | 37 |    |    |    |    | 7  | 47 | 17 |
| 48 | 38 |    | 8  | 49 | 18 | 13 | 39 |    |
| 23 |    | 28 | 26 |    | 29 | 9  |    | 27 |
|    | 19 | 50 | 24 | 51 | 30 |    | 40 | 31 |
| 41 | 32 | 42 |    |    |    |    | 25 | 20 |
| 52 | 22 | 43 | 10 | 11 |    |    | 21 |    |
|    | 14 |    | 4  | 12 |    | 5  |    | 6  |

Sudoku #8

|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
|    | 13 | 50 | 55 |    |    | 45 | 51 |    |
| 22 | 52 |    | 53 | 14 | 32 |    | 54 | 12 |
| 20 |    | 34 | 35 | 23 | 15 | 9  |    | 3  |
|    | 46 |    | 16 | 37 |    | 33 | 39 | 11 |
|    | 4  | 47 |    | 36 |    | 1  | 2  |    |
| 6  | 48 | 29 |    | 30 | 38 |    | 5  |    |
| 41 |    | 7  | 44 | 19 | 31 | 10 |    | 17 |
| 40 | 24 |    | 18 | 43 | 21 |    | 25 | 8  |
|    | 42 | 49 |    |    | 26 | 28 | 27 |    |

Sudoku #1

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

Sudoku #3

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

Sudoku #5

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

Sudoku #7

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

Sudoku #2

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

Sudoku #4

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

Sudoku #6

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

Sudoku #8

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