Tough Sudoku by KrazyDad, Volume 7, Book 9

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

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

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"I spend shockingly little time thinking about real-world stuff." -- Trey Parker

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

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"We can't help everyone, but everyone can help someone." -- Ronald Reagan

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| During an exam,  |
|--|
| During an exam, the pocket calculator battery will fail M. M. Johnston |
| battery will fail.   |

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

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

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Never eat at a place called Mom's. -- Nelson Algren

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

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Nice boy, but about as sharp as a sack of wet mice.
-- Foghorn Leghorn

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

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"Men are not prisoners of fate, but only prisoners of their own minds."
-- Franklin D. Roosevelt

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

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## **Hints**

### Tough Sudoku by KrazyDad, Volume 7, Book 9

### Sudoku #1

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

#### Sudoku #3

| 2  | 1  | 28 |    | 46 |    | 23 |    | 40 |
|----|----|----|----|----|----|----|----|----|
|    | 32 | 30 |    | 47 | 31 | 27 |    | 41 |
| 3  | 33 |    | 16 | 54 | 48 |    | 42 | 34 |
| 55 | 13 | 56 |    | 24 | 17 | 36 |    | 37 |
| 5  |    |    | 49 | 50 | 51 |    |    | 4  |
| 12 |    | 6  | 15 | 22 |    | 21 | 19 | 20 |
| 52 | 14 |    | 43 | 7  | 18 |    | 38 | 8  |
| 57 |    | 53 | 44 | 25 |    | 9  | 10 |    |
| 11 |    | 45 |    | 39 |    | 35 | 29 | 26 |

### Sudoku #5

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

#### Sudoku #7

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

### Sudoku #2

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

#### Sudoku #4

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

### Sudoku #6

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

### Sudoku #8

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

## **Answers**

### Tough Sudoku by KrazyDad, Volume 7, Book 9

### Sudoku #1

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

### Sudoku #2

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

#### Sudoku #3

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

#### Sudoku #4

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

### Sudoku #5

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

## Sudoku #6

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

#### Sudoku #7

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

### Sudoku #8

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