

Killer Sudoku #1

| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 21 | | 15 | | 21 | 7 | | 16 | |
| | | 14 | | | 12 | | | |
| 7 | 10 | | | 8 | | | 14 | 10 |
| | | | 15 | 16 | | 13 | | |
| 15 | | | | 8 | | | 12 | |
| 11 | 4 | 16 | | 6 | | | 9 | 15 |
| | | | 19 | 12 | | 13 | | |
| 29 | | | | | | | 14 | |
| | | 9 | | | 14 | | | |

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Fill in the blank squares so that each row, each column and each 3-by-3 block contain all of the digits 1 thru 9.

The dotted lines indicate areas which also contain a non-repeating set of digits. These squares can be added together to produce the sums shown in the clues.

Be sure to use the answers page if you get stuck!

Killer Sudoku #2

| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 35 | 12 | 15 | | 13 | | 20 | | |
| | | 6 | | 12 | 18 | 9 | | |
| | 9 | | 10 | | | | 18 | |
| | 19 | | | | | 31 | | 32 |
| | | | 10 | | | | | |
| | 9 | | 18 | 20 | 11 | | | |
| | | 12 | | | | 11 | | |
| 30 | | | | | 7 | | 5 | |
| | | | 5 | | 8 | | | |

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Fill in the blank squares so that each row, each column and each 3-by-3 block contain all of the digits 1 thru 9.

The dotted lines indicate areas which also contain a non-repeating set of digits. These squares can be added together to produce the sums shown in the clues.

Be sure to use the answers page if you get stuck!

Yes.

Pascal Users: To show respect for the 31st anniversary (tomorrow) of the death of Blaise Pascal, your programs will be run at half speed.

Killer Sudoku #3

| | | | | | | | | |
|----|----|----|----|----|----|----|--|----|
| 22 | 28 | | | | 6 | | | 19 |
| | 10 | 25 | | | 11 | | | |
| | | | 6 | | | 16 | | |
| | 21 | 20 | | 13 | 14 | 20 | | 11 |
| 13 | | | | | | | | |
| | | | | | 15 | | | 23 |
| 15 | | | 31 | | | 17 | | |
| 9 | | 9 | | | | | | |
| | 18 | | | 13 | | | | |

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Fill in the blank squares so that each row, each column and each 3-by-3 block contain all of the digits 1 thru 9.

The dotted lines indicate areas which also contain a non-repeating set of digits. These squares can be added together to produce the sums shown in the clues.

Be sure to use the answers page if you get stuck!

A year spent in artificial intelligence is enough to make one believe in God.

Killer Sudoku #4

| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 10 | | 13 | | 13 | 39 | | | 21 |
| 13 | | 9 | | | 9 | 12 | | |
| 15 | 11 | | 10 | | | | | |
| | | 16 | 36 | | | | | |
| 24 | | | | | | 11 | | |
| | 25 | 14 | 15 | | | | 10 | 17 |
| | | | | 14 | | 13 | | |
| | | | | 11 | 10 | | 11 | |
| | | | | | | | 3 | |

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Fill in the blank squares so that each row, each column and each 3-by-3 block contain all of the digits 1 thru 9.

The dotted lines indicate areas which also contain a non-repeating set of digits. These squares can be added together to produce the sums shown in the clues.

Be sure to use the answers page if you get stuck!

Rule's Rule:
If you don't care where you are, you ain't lost.

Killer Sudoku #5

| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 9 | 11 | | 3 | 17 | 7 | 21 | 21 | |
| | 17 | | | | | | | |
| | | 13 | | 32 | | | | 13 |
| 5 | | 33 | 5 | | | | | |
| | | | 20 | | | | | |
| 15 | | | 9 | | 22 | | 15 | |
| 12 | | 15 | | | | | 19 | |
| 10 | | 14 | 16 | 4 | 13 | | | 14 |
| | | | | | | | | |

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Fill in the blank squares so that each row, each column and each 3-by-3 block contain all of the digits 1 thru 9.

The dotted lines indicate areas which also contain a non-repeating set of digits. These squares can be added together to produce the sums shown in the clues.

Be sure to use the answers page if you get stuck!

"Everywhere is within walking distance if you have the time."
 --Seven Wright

Killer Sudoku #6

| | | | | | | | | |
|----|----|----|----|----|----|----|---|----|
| 18 | 16 | 14 | | | 15 | | 6 | |
| | | | | 12 | | 17 | | 24 |
| | 24 | 22 | 22 | | | 12 | | |
| 18 | | | | 11 | | | | |
| | | | 31 | | | 28 | | |
| | 11 | | | | 6 | | | |
| | 16 | | | | | | | 17 |
| | | | 8 | | 25 | | | |
| 14 | | 12 | | 6 | | | | |

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Fill in the blank squares so that each row, each column and each 3-by-3 block contain all of the digits 1 thru 9.

The dotted lines indicate areas which also contain a non-repeating set of digits. These squares can be added together to produce the sums shown in the clues.

Be sure to use the answers page if you get stuck!

Anything, no matter how bad, will sound good if played back at a very high level for a short time.
 --John Cutshaw

Killer Sudoku #7

| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 11 | | 7 | | 6 | | 23 | 16 | 10 |
| 15 | 27 | | | 16 | | | | |
| | | 15 | | | | | | |
| 17 | | | 45 | | | | 23 | |
| | 13 | | | | | | | 12 |
| | | 31 | | | | 10 | 14 | |
| 20 | | | | | 24 | | | |
| 10 | | 14 | | | | | | |
| | | | 10 | | 7 | | 9 | |

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Fill in the blank squares so that each row, each column and each 3-by-3 block contain all of the digits 1 thru 9.

The dotted lines indicate areas which also contain a non-repeating set of digits. These squares can be added together to produce the sums shown in the clues.

Be sure to use the answers page if you get stuck!

"Even Castles made of sand, fall into the sea, eventually."
 -- Jimi Hendrix

Killer Sudoku #8

| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 29 | 7 | | 15 | 7 | 8 | | 11 | |
| | | | | | 10 | 19 | | |
| 23 | | | 8 | 24 | | | | 11 |
| | 23 | | | | | | | |
| | | | 16 | | | 14 | 21 | |
| 5 | 26 | | | | 13 | | | |
| | | 16 | | | | 25 | | |
| 18 | | | | 3 | 17 | 18 | | |
| 7 | | 11 | | | | | | |

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Fill in the blank squares so that each row, each column and each 3-by-3 block contain all of the digits 1 thru 9.

The dotted lines indicate areas which also contain a non-repeating set of digits. These squares can be added together to produce the sums shown in the clues.

Be sure to use the answers page if you get stuck!

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 Thank you!

Hints

Tough Killer Sudoku Puzzles, Volume 4, Book 23

Answers

Tough Killer Sudoku Puzzles, Volume 4, Book 23

Killer Sudoku #1

| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 81 | 23 | 2 | 3 | 72 | 56 | 57 | 73 | 74 |
| 75 | 24 | 50 | 58 | 59 | 51 | 52 | 60 | 76 |
| 25 | 11 | 46 | 47 | 42 | 43 | 48 | 17 | 44 |
| 26 | 10 | 31 | 14 | 40 | 41 | 32 | 15 | 33 |
| 8 | 9 | 1 | 12 | 77 | 61 | 13 | 49 | 45 |
| 7 | 34 | 27 | 16 | 62 | 53 | 35 | 36 | 29 |
| 6 | 37 | 78 | 63 | 64 | 54 | 65 | 38 | 30 |
| 28 | 22 | 79 | 66 | 39 | 67 | 55 | 80 | 68 |
| 20 | 21 | 4 | 5 | 69 | 18 | 19 | 70 | 71 |

Killer Sudoku #2

| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 20 | 13 | 46 | 44 | 25 | 26 | 15 | 16 | 17 |
| 48 | 14 | 68 | 57 | 69 | 58 | 59 | 19 | 18 |
| 47 | 77 | 78 | 49 | 60 | 61 | 62 | 7 | 8 |
| 79 | 80 | 81 | 45 | 70 | 63 | 71 | 1 | 64 |
| 72 | 73 | 74 | 50 | 65 | 51 | 75 | 52 | 53 |
| 66 | 4 | 76 | 40 | 30 | 31 | 67 | 54 | 41 |
| 11 | 12 | 32 | 39 | 28 | 29 | 42 | 33 | 43 |
| 34 | 35 | 36 | 37 | 27 | 10 | 9 | 3 | 38 |
| 21 | 22 | 24 | 55 | 56 | 5 | 6 | 2 | 23 |

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.

Killer Sudoku #3

| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 7 | 33 | 30 | 36 | 34 | 21 | 53 | 49 | 4 |
| 25 | 22 | 26 | 27 | 28 | 6 | 5 | 2 | 3 |
| 24 | 41 | 39 | 15 | 43 | 44 | 57 | 58 | 1 |
| 23 | 81 | 37 | 16 | 71 | 67 | 68 | 74 | 65 |
| 63 | 75 | 38 | 61 | 76 | 66 | 77 | 72 | 64 |
| 62 | 78 | 40 | 60 | 79 | 20 | 73 | 80 | 59 |
| 12 | 35 | 31 | 42 | 50 | 19 | 45 | 47 | 48 |
| 10 | 11 | 17 | 13 | 18 | 54 | 55 | 46 | 56 |
| 8 | 32 | 29 | 14 | 51 | 52 | 69 | 70 | 9 |

Killer Sudoku #4

| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 28 | 29 | 27 | 32 | 52 | 16 | 8 | 53 | 54 |
| 33 | 30 | 34 | 31 | 55 | 43 | 35 | 44 | 45 |
| 36 | 37 | 38 | 72 | 73 | 39 | 46 | 47 | 40 |
| 48 | 59 | 66 | 67 | 68 | 26 | 49 | 56 | 60 |
| 80 | 78 | 77 | 74 | 75 | 69 | 61 | 7 | 62 |
| 57 | 70 | 76 | 25 | 71 | 63 | 58 | 11 | 2 |
| 81 | 79 | 41 | 21 | 18 | 17 | 3 | 10 | 1 |
| 50 | 24 | 51 | 22 | 20 | 13 | 4 | 14 | 15 |
| 42 | 64 | 65 | 23 | 19 | 12 | 9 | 6 | 5 |

Killer Sudoku #5

| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 44 | 25 | 61 | 45 | 46 | 62 | 47 | 32 | 33 |
| 48 | 24 | 63 | 49 | 50 | 64 | 51 | 52 | 34 |
| 19 | 22 | 1 | 2 | 65 | 53 | 3 | 23 | 4 |
| 29 | 30 | 5 | 12 | 13 | 8 | 9 | 35 | 36 |
| 18 | 20 | 21 | 7 | 54 | 55 | 77 | 78 | 73 |
| 27 | 28 | 6 | 14 | 15 | 37 | 38 | 39 | 40 |
| 31 | 56 | 10 | 11 | 16 | 17 | 41 | 42 | 43 |
| 79 | 57 | 66 | 67 | 74 | 58 | 80 | 75 | 71 |
| 81 | 26 | 68 | 69 | 72 | 59 | 76 | 60 | 70 |

Killer Sudoku #6

| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 5 | 6 | 16 | 37 | 34 | 11 | 9 | 3 | 4 |
| 12 | 68 | 60 | 8 | 24 | 25 | 69 | 70 | 7 |
| 13 | 19 | 17 | 28 | 29 | 23 | 44 | 10 | 45 |
| 61 | 71 | 18 | 20 | 48 | 21 | 47 | 46 | 72 |
| 73 | 49 | 62 | 74 | 75 | 22 | 63 | 64 | 76 |
| 77 | 65 | 50 | 66 | 67 | 26 | 53 | 78 | 79 |
| 40 | 35 | 54 | 41 | 36 | 42 | 51 | 55 | 56 |
| 57 | 38 | 39 | 32 | 33 | 43 | 58 | 59 | 52 |
| 1 | 2 | 14 | 15 | 30 | 27 | 31 | 80 | 81 |

Killer Sudoku #7

| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 24 | 25 | 20 | 21 | 31 | 29 | 13 | 47 | 48 |
| 22 | 50 | 49 | 16 | 53 | 14 | 15 | 23 | 51 |
| 36 | 37 | 18 | 17 | 54 | 32 | 10 | 61 | 62 |
| 9 | 38 | 19 | 63 | 55 | 33 | 3 | 56 | 6 |
| 7 | 81 | 75 | 68 | 76 | 34 | 2 | 57 | 77 |
| 39 | 78 | 44 | 69 | 79 | 35 | 8 | 45 | 80 |
| 40 | 70 | 42 | 64 | 41 | 30 | 11 | 65 | 71 |
| 26 | 72 | 73 | 66 | 67 | 27 | 5 | 1 | 74 |
| 28 | 46 | 43 | 58 | 59 | 12 | 4 | 60 | 52 |

Killer Sudoku #8

| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 13 | 75 | 76 | 5 | 14 | 3 | 4 | 44 | 43 |
| 77 | 78 | 21 | 6 | 15 | 22 | 40 | 41 | 39 |
| 1 | 27 | 26 | 7 | 8 | 23 | 16 | 24 | 17 |
| 18 | 62 | 59 | 9 | 10 | 28 | 29 | 30 | 19 |
| 69 | 70 | 25 | 36 | 34 | 31 | 35 | 37 | 38 |
| 79 | 80 | 71 | 32 | 33 | 11 | 53 | 54 | 42 |
| 81 | 72 | 55 | 45 | 20 | 12 | 46 | 47 | 2 |
| 60 | 73 | 63 | 48 | 74 | 61 | 56 | 49 | 64 |
| 65 | 66 | 57 | 50 | 67 | 58 | 51 | 52 | 68 |

Killer Sudoku #1

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

Killer Sudoku #2

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

Killer Sudoku #3

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

Killer Sudoku #4

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

Killer Sudoku #5

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

Killer Sudoku #6

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

Killer Sudoku #7

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

Killer Sudoku #8

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