

## Killer Sudoku #1

|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
| 11 |    | 15 | 26 |    |    | 22 |    | 11 |
| 5  |    |    |    |    |    |    |    |    |
| 11 |    | 14 |    | 5  | 8  | 5  | 14 | 10 |
| 15 |    | 9  |    |    |    |    |    |    |
| 11 | 41 |    |    |    |    |    |    |    |
|    | 13 | 11 | 10 | 12 | 6  |    | 16 |    |
|    |    |    |    | 11 |    | 3  |    |    |
| 11 | 16 |    | 23 |    | 18 |    | 13 |    |
|    |    |    |    |    |    |    | 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!

"The time to enjoy a European trip is about three weeks after unpacking."  
 -- George Ade

## Killer Sudoku #2

|    |    |    |   |    |    |    |    |    |
|----|----|----|---|----|----|----|----|----|
| 16 |    | 17 |   | 10 | 30 | 10 | 21 |    |
| 14 |    | 3  |   |    |    |    |    |    |
| 10 |    |    | 5 | 8  |    |    |    | 12 |
|    | 31 |    |   |    | 29 |    | 32 |    |
|    |    |    |   |    |    |    |    |    |
| 5  |    | 28 |   | 11 | 11 |    |    | 7  |
|    | 25 |    |   |    |    | 11 | 7  |    |
| 14 |    |    |   | 11 | 13 |    |    |    |
|    |    |    |   |    |    |    | 14 |    |

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A closed mouth gathers no foot.

## Killer Sudoku #3

|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
| 22 | 14 |    | 19 | 9  |    | 16 | 18 |    |
|    |    |    |    | 9  |    |    |    |    |
| 18 | 29 |    |    |    | 13 |    | 11 |    |
|    |    | 12 |    |    |    | 26 | 8  |    |
|    |    |    | 17 |    |    |    |    | 20 |
| 5  |    |    | 9  | 16 |    |    |    |    |
| 6  |    | 21 |    | 17 |    | 22 |    |    |
| 18 |    |    | 7  |    |    |    | 8  |    |
|    |    |    | 15 |    |    |    |    |    |

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

*Beam me out of here, Scotty; I appear to be trapped in a computer.*

## Killer Sudoku #4

|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
| 4  |    | 20 | 6  |    | 18 | 13 |    | 29 |
| 9  |    |    |    |    |    |    |    |    |
| 17 |    | 7  |    | 29 | 11 |    |    |    |
| 24 |    | 13 |    |    | 10 |    | 17 | 15 |
|    |    |    |    |    | 8  |    |    |    |
|    | 17 | 6  |    |    | 12 |    |    |    |
|    |    | 9  |    |    | 13 |    | 26 |    |
| 15 |    | 17 |    | 6  |    |    |    |    |
| 13 |    |    | 11 |    |    | 10 |    |    |

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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!

*How do I get out of this, Munroe?  
--John Holz*

## Killer Sudoku #5

|    |   |    |    |    |    |    |    |    |
|----|---|----|----|----|----|----|----|----|
| 12 |   | 9  |    | 25 | 9  |    | 9  |    |
| 11 |   | 11 |    |    |    | 8  | 13 |    |
| 20 |   |    | 24 | 15 | 19 |    |    | 19 |
|    |   |    |    |    |    |    |    |    |
|    | 8 |    |    |    | 13 |    |    |    |
| 13 |   | 5  |    | 13 | 15 |    | 8  |    |
| 7  |   | 33 |    |    | 32 |    | 10 |    |
| 20 |   |    |    | 3  |    | 21 |    |    |
|    |   |    |    |    |    |    |    |    |

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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!

*Only the incompetent and mediocre are always at their best.*

## Killer Sudoku #6

|    |   |    |    |    |    |  |    |    |
|----|---|----|----|----|----|--|----|----|
| 16 |   |    | 3  |    | 20 |  |    | 21 |
| 17 | 8 | 8  |    | 12 |    |  |    |    |
|    |   | 7  |    | 30 | 23 |  |    | 28 |
| 12 |   |    | 22 |    |    |  | 13 |    |
| 17 |   |    |    |    |    |  |    |    |
| 16 |   |    |    |    | 24 |  |    |    |
| 7  | 9 | 5  |    |    |    |  | 18 |    |
|    |   | 10 |    | 18 |    |  |    |    |
| 18 |   |    | 8  |    | 15 |  |    |    |

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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!

*His face was of the doubtful kind. That wins the eye and not the mind.*  
-- Scott

## Killer Sudoku #7

|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
| 19 | 26 |    |    | 26 | 20 |    |    | 15 |
|    |    | 3  |    |    |    | 12 |    |    |
| 6  | 8  |    |    |    |    |    | 5  | 13 |
|    |    | 11 | 16 | 13 | 5  | 14 |    |    |
| 15 | 16 |    |    |    |    |    | 21 | 4  |
|    |    | 9  |    |    | 16 |    |    |    |
| 14 |    | 14 |    | 16 |    | 10 |    | 13 |
|    |    |    |    |    |    |    |    |    |
| 3  |    | 31 |    |    |    |    | 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!

Concetti is to nature what paint is to beauty: it is not only needless, but impairs what it would improve.  
-- Pope

## Killer Sudoku #8

|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
| 9  | 20 |    |    |    | 14 |    | 25 |    |
|    | 20 | 8  |    | 15 |    |    |    |    |
| 12 |    | 6  | 13 |    |    | 10 |    | 8  |
|    |    |    |    | 11 |    | 25 |    |    |
|    | 30 |    | 12 |    |    |    |    | 20 |
| 7  |    |    | 11 |    | 10 | 8  | 14 |    |
|    | 3  |    | 17 |    |    |    |    |    |
| 32 |    |    |    |    | 6  |    |    | 11 |
|    |    | 16 |    | 12 |    |    |    |    |

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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!

KrazyDad runs on electricity and caffeine. 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!

## Hints

Challenging Killer Sudoku Puzzles, Volume 7, Book 18

## Answers

Challenging Killer Sudoku Puzzles, Volume 7, Book 18

Killer Sudoku #1

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

Killer Sudoku #2

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

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

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

Killer Sudoku #4

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

Killer Sudoku #5

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

Killer Sudoku #6

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

Killer Sudoku #7

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

Killer Sudoku #8

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

Killer Sudoku #1

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

Killer Sudoku #3

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

Killer Sudoku #5

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

Killer Sudoku #7

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

Killer Sudoku #2

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

Killer Sudoku #4

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

Killer Sudoku #6

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

Killer Sudoku #8

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