#### **Hybrid Sudoku (Consecutive Pairs + Sum Frame)**

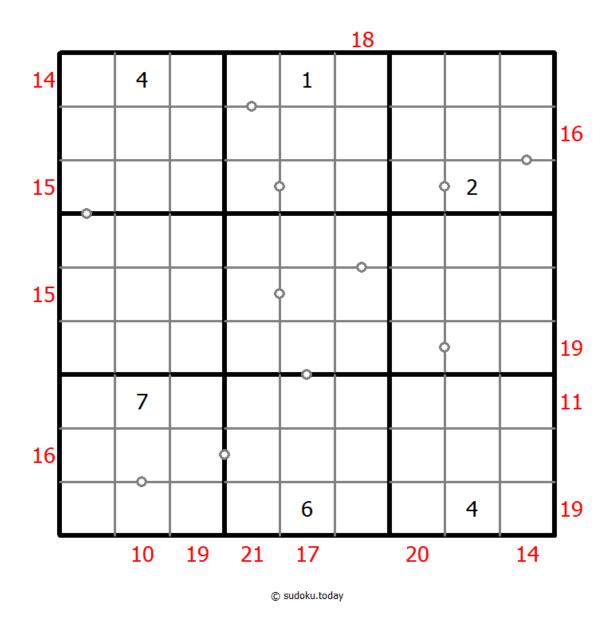
Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

There are some dots between cells. The numbers on each side of a dot must always be consecutive. Not all possible dots are marked.



(Solution)

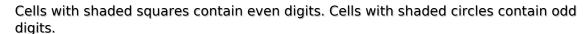
Digits outside the grid indicate the sum of the first 3 digits in the corresponding direction.



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### **Odd Even Sudoku**

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.





Solution)

|   |   | 6 |   |              |   | 1 |   |   |
|---|---|---|---|--------------|---|---|---|---|
|   | 3 |   |   |              |   | 9 |   |   |
| 5 |   |   |   |              |   |   | 3 | 6 |
|   |   |   |   | 6            |   |   | A |   |
|   |   |   |   | 3            | 1 |   |   |   |
| 6 |   |   | 9 |              |   |   |   |   |
| 1 | 5 |   |   | 4            |   |   |   |   |
|   | 2 |   |   |              |   |   |   |   |
|   |   | 7 |   | sudoku.today | 3 |   |   | 9 |

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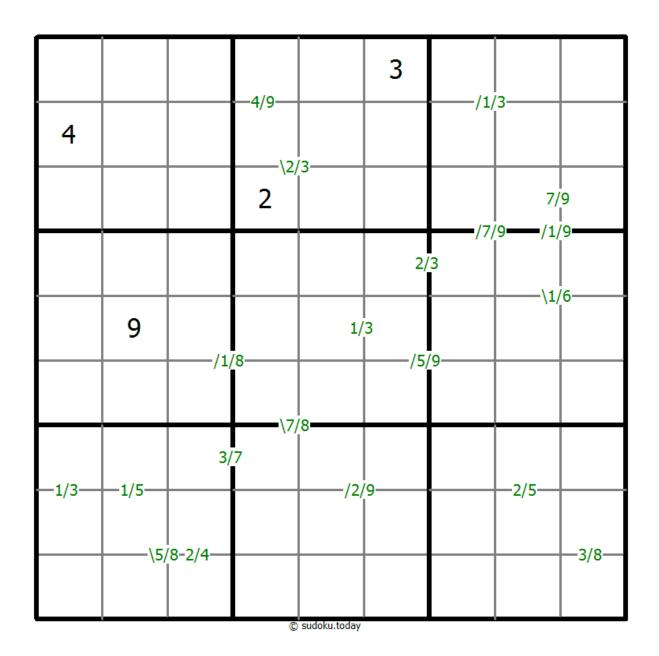
### **Quotients Sudoku**

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

A number between two cells indicates the quotient of the numbers in these cells. A number between four cells indicates the quotient between two diagonally adjacent cells, either top left + right bottom (\) or top right + bottom left (/).



Solution)



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### **Clone Sudoku**

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

Grey cells in the grid represent many cloned areas. Digits in these areas on corresponding positions must be identical. Cloned areas are only moved, without rotation or reflection.



Solution)

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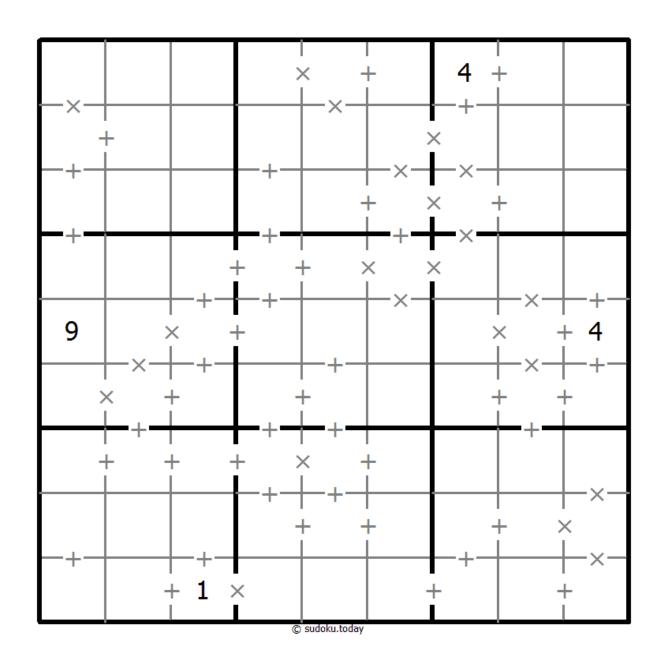
#### Makodoku

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

A cross between two cells indicates that the product of the numbers in these cells is less than 10. A plus between two cells indicates that the sum of the numbers in these cells is less than 10. If the sum and product are less than 10, then there is a cross between these cells. If there is no sign between two cells, then both sum and product are at least 10.



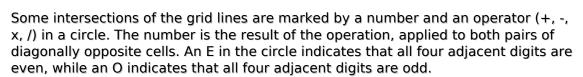
(Solution)



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#### **Mathrax Sudoku**

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.





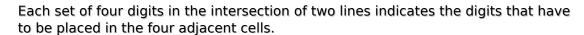
(Solution)

| 5 |    |   | +)  |              |   | 1             | 3     |
|---|----|---|-----|--------------|---|---------------|-------|
|   |    |   |     |              |   |               | <br>7 |
|   | (2 |   |     |              |   |               |       |
|   |    |   |     |              |   | 3             |       |
|   |    |   | 9   |              |   |               |       |
|   |    |   |     |              |   |               |       |
| 6 |    |   | 4×) |              |   | ) <del></del> |       |
|   |    |   |     | 9            |   |               |       |
|   | 9  | 3 | 1   | sudoku.today | 6 | 4             |       |

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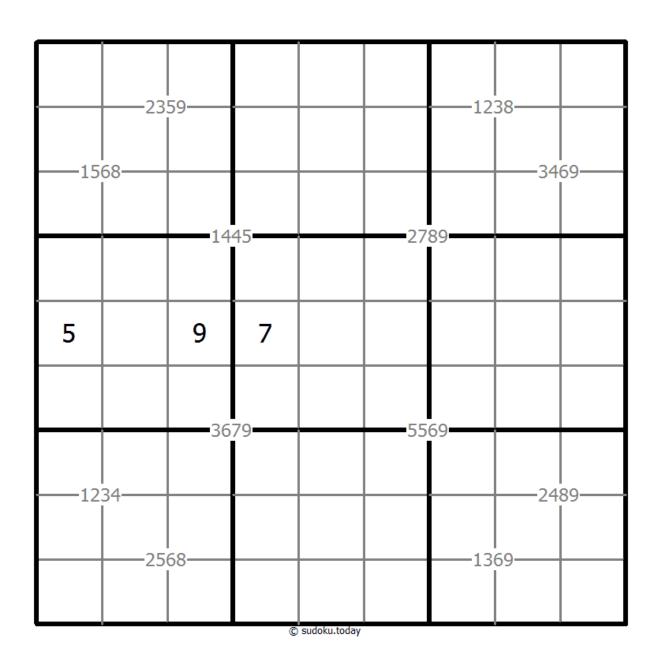
## Quadruple sudoku

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.





(Solution)



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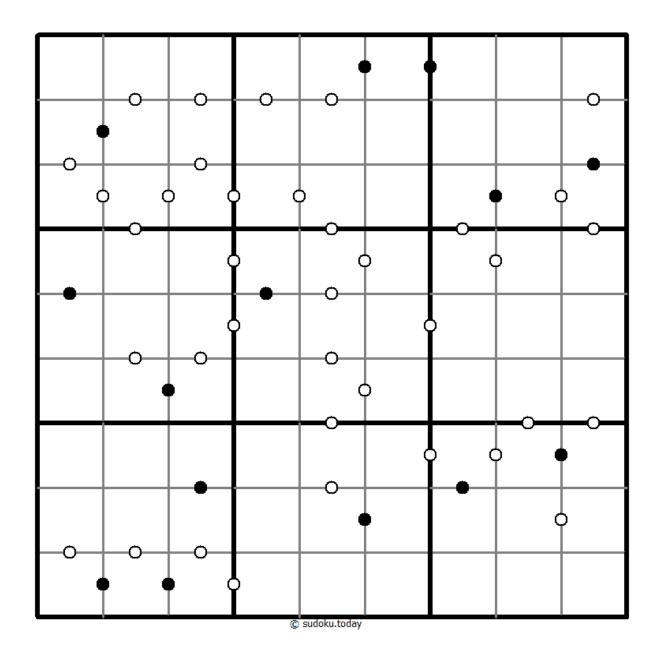
### Kropki Sudoku

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.



(Solution)

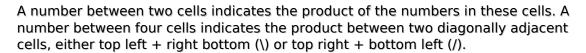
If absolute difference between two digits in neighbouring cells equals 1, then they are separated by a white dot. If the digit is a half of digit in the neighbouring cell, then they are separated by black dot. The dot between 1 and 2 can be either white or black.



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### **Products Sudoku**

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.





Solution)

|                      |         |    | 1    |              | 4             |               |   | 5 |
|----------------------|---------|----|------|--------------|---------------|---------------|---|---|
|                      |         |    |      |              |               |               | 4 |   |
| <b>—</b> 20 <b>—</b> |         |    |      | 8            | 7 <b>—</b> 9— | 1<br>—24—     | 8 |   |
| 4                    | 0 5<br> |    | 8\1  |              |               | 24            |   |   |
| 9                    |         | \2 |      |              | 49-14         | 2             |   |   |
|                      |         |    | —20— |              | 48-/4<br>4    | <b>1</b><br>8 | 9 |   |
|                      |         | 4  | 2    |              |               | 5             |   |   |
| 3                    |         | 5  |      |              |               |               |   |   |
|                      | 2       |    |      | sudoku.today |               |               |   |   |

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### Staircase Sudoku

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

Rows and columns span across the gaps in the diagram.



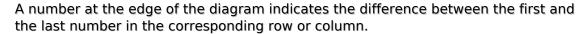
Solution)

|   |   |   |   | 1 |          |   | 1 |   | ì |   |   |
|---|---|---|---|---|----------|---|---|---|---|---|---|
|   | 7 | 4 |   |   |          |   |   |   |   |   |   |
| 9 |   |   |   |   |          | 1 |   | 5 |   |   |   |
| 1 | 6 |   | 7 |   | 3        |   |   | 8 |   |   |   |
|   | 1 | 5 | 2 |   | 8        |   |   |   |   |   |   |
|   |   | 8 | 6 |   |          |   |   |   |   |   |   |
| 7 | 2 |   |   |   |          |   |   |   |   |   |   |
|   |   |   |   |   |          |   |   |   |   | 2 | 9 |
|   |   |   |   |   |          |   |   | 4 | 8 |   |   |
|   |   |   |   |   |          | 8 |   | 6 | 1 | 3 |   |
|   |   |   | 3 |   |          | 6 |   | 7 |   | 1 | 8 |
|   |   |   | 8 |   | 6        |   |   |   |   |   | 5 |
|   |   |   |   |   |          |   |   |   | 6 | 4 |   |
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## **Edge Difference Sudoku**

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.





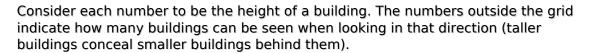
Solution)

|   | 1 | 1 | 3 | 8        | 5       | 3 | 5 | 4 | 2 |
|---|---|---|---|----------|---------|---|---|---|---|
| 2 |   |   |   |          |         |   |   |   |   |
| 8 |   | 2 |   |          |         |   |   |   |   |
| 5 |   |   |   |          |         | 4 |   |   |   |
| 3 |   |   |   |          |         | 7 |   | 9 |   |
| 7 |   |   |   | 3        |         | 6 |   |   |   |
| 1 |   |   |   |          |         |   |   |   |   |
| 1 |   |   | 8 |          |         |   |   |   |   |
| 4 |   |   | 6 | 8        |         |   |   |   |   |
| 1 |   |   |   |          |         |   |   |   | _ |
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## Skyscrapers Sudoku

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.





Solution)

|   | 3 | 3 | 4 | 1   | 6            | 3 | 4 | 3 | 2 | _ |
|---|---|---|---|-----|--------------|---|---|---|---|---|
| 4 |   |   |   |     | 1            |   |   | 6 |   | 2 |
| 5 |   |   |   |     |              |   |   |   |   | 1 |
| 2 |   | 9 |   |     |              |   |   |   |   | 5 |
| 2 |   |   |   |     | 6            | 2 |   |   | 3 | 4 |
| 3 |   |   |   |     |              |   |   |   |   | 3 |
| 4 | 3 |   |   | 1   | 8            |   |   |   |   | 2 |
| 4 |   |   |   |     |              |   |   | 9 |   | 2 |
| 1 |   |   |   |     |              |   |   |   |   | 3 |
| 2 |   | 5 |   |     | 9            |   |   |   |   | 3 |
| • | 2 | 4 | 3 | 3   | 1            | 2 | 3 | 3 | 4 | • |
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# Multi Diagonal Sudoku

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

Digits do not repeat along the marked diagonals.



Solution)

| 6 |          |   |   |               |   | 9 |   |   |
|---|----------|---|---|---------------|---|---|---|---|
|   |          |   |   |               |   |   |   |   |
|   |          |   |   | 6             |   |   | 5 | 3 |
| 9 |          | 3 |   |               | 1 |   |   |   |
| 4 | 2        |   | 5 |               | 6 |   | 3 | 8 |
|   |          |   | 4 |               |   | 1 |   | 2 |
| 3 | <b>A</b> |   |   | 1             |   |   |   |   |
|   |          |   |   |               |   |   |   |   |
|   |          | 2 |   | © sudoku.toda |   |   |   | 1 |

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### Color Sudoku

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

Apply Classic Sudoku rules. Within each coloured region each digit must appear exactly once.



Solution)

|   |   |   | 3 |               |   | 4 |   | 7 |
|---|---|---|---|---------------|---|---|---|---|
|   | 4 |   |   |               |   |   |   |   |
| 5 |   |   |   |               | 7 |   | 2 |   |
|   | 1 |   |   | 8             | 3 | 2 |   |   |
|   | 7 |   | 2 |               | 4 |   | 6 |   |
|   |   | 4 | 9 | 7             |   |   | 3 |   |
|   | 6 |   | 8 |               |   |   |   | 2 |
|   |   |   |   |               |   |   | 9 |   |
| 4 |   | 9 |   | 🗘 sudoku.toda | 2 |   |   |   |

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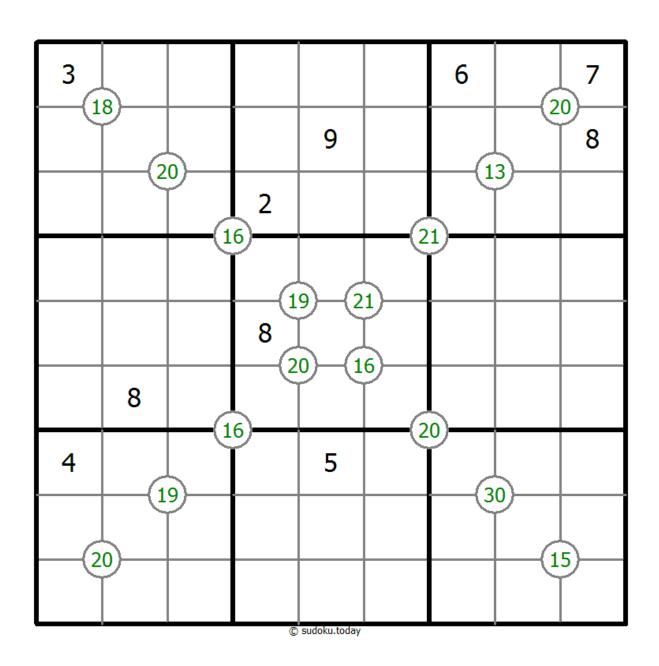
## **Group Sum Sudoku**

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

Each number at the intersection of four cells is the sum of digits in those four cells.



(Solution)



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# **Extra Regions Sudoku**

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

The connected shaded cells contain each digit from 1 to 9.



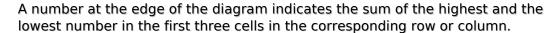
(Solution)

| 5 |   | 6 |   |                |   |   |   | 9 |
|---|---|---|---|----------------|---|---|---|---|
|   | 3 |   |   |                | 1 |   |   |   |
|   |   |   |   | 2              |   |   | 4 | 3 |
| 2 | 9 |   | 6 |                |   | 1 | 7 |   |
| 8 |   |   |   |                |   |   |   | 5 |
|   | 5 | 1 |   |                | 8 |   | 9 | 2 |
| 7 | 4 |   |   | 3              |   |   |   |   |
|   |   |   | 8 |                |   |   | 3 |   |
| 3 |   |   |   | © sudoku.today |   | 9 |   | 7 |

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### MiniMax Sudoku

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.





Solution)

|    | 12 | 9  | 9  | 9   | 8           | 14 | 10 | 7  | 11 | _  |
|----|----|----|----|-----|-------------|----|----|----|----|----|
| 5  |    |    | 2  |     |             |    |    |    | 6  | 14 |
| 9  | 3  |    |    |     |             |    |    |    |    | 12 |
| 16 |    |    |    |     |             |    |    |    |    | 4  |
| 10 |    |    |    |     | 8           |    |    |    |    | 10 |
| 9  |    |    |    |     |             |    | 6  |    |    | 9  |
| 13 |    |    |    |     |             |    |    |    |    | 10 |
| 11 |    |    |    |     |             |    |    |    |    | 9  |
| 10 |    |    |    |     |             |    |    |    |    | 12 |
| 9  | 1  |    |    |     |             |    |    |    |    | 8  |
|    | 6  | 15 | 11 | 9   | 10          | 11 | 7  | 15 | 8  | •  |
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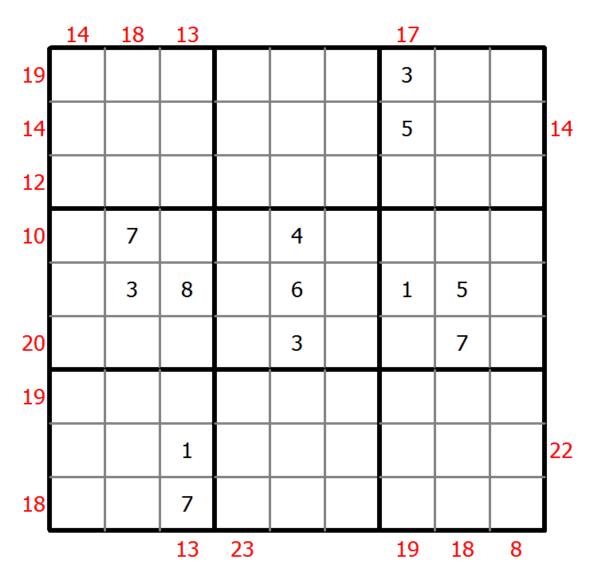
### **Sum Frame Sudoku**

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

Digits outside the grid indicate the sum of the first 3 digits in the corresponding direction.



Solution)



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# **Extra Regions Sudoku**

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

The connected shaded cells contain each digit from 1 to 9.



Solution)

|   |   |   | 7 |                |   | 8 |   | 2 |
|---|---|---|---|----------------|---|---|---|---|
|   | 1 | 4 | 2 |                |   |   | 9 |   |
|   |   |   |   |                |   |   |   | 1 |
|   |   |   | 9 | 5              |   |   |   |   |
| 9 |   |   |   |                |   |   |   | 4 |
|   |   |   |   | 3              | 1 |   |   |   |
| 3 |   |   |   |                |   |   |   |   |
|   | 5 |   |   |                | 6 | 4 | 8 |   |
| 6 |   | 8 |   | © sudoku.today | 9 |   |   |   |

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### Give me Five Sudoku

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

Sum and difference of two orthogonally adjacent numbers must not be 5.



Solution)

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

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