Battleships sudoku
Fill in the whole grid with digits $1-$ n, so that each digit appears exactly once in each row, each column and each outlined region. Place the given fleet into the grid. The ships cannot touch each other, may be rotated, and could be placed only horizontally or vertically. The ships could not occupy the cells where are numbers already given. The numbers outside the grid indicate how many cells in that row or column contain parts of ships.

| 4 | 6 | 1 | 2 | 3 | 5 | $\mathbf{2}$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 5 | 2 | 3 | 1 | 4 | 6 | 1 |
| 2 | 1 | 6 | 3 | 5 | 4 | 2 |
| 3 | 5 | 4 | 6 | 2 | 1 | 1 |
| 1 | 3 | 5 | 4 | 6 | 2 | 1 |
| 6 | 4 | 2 | 5 | 1 | 3 | 3 |
| 3 | 2 | 3 | 0 | $\mathbf{1}$ | 1 |  |


1

Fill in the whole grid with digits 1 -n, so that each digit appears exactly once in each row, each column and each colored region. Also place all the given domino pieces (also single pieces) in the grid. The borders of domino pieces are already shown.


Use digits 1-6


## Use digits 1-9



Easy as ABC sudoku smul 2 віс 24 вотн 31
Fill in the whole grid with symbols from given range, so that each symbol appears exactly once in each row, each column and each outlined region. The letters outside indicate which letter is the first visible from corresponding direction.


Use symbols 123 ABC


## Fence sudoku

Fill in the whole grid with digits, so that each digit appears exactly once in each row, each column and each outlined region. Draw a closed fence, without crossing or overlapping. All the numbers from the given range determine the amount of the cell edges, which belong to the fence.

| 2 | 5 | 4 | 6 | 1 | 3 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 3 | 6 | 1 | 4 | 2 | 5 |
| 6 | 3 | 5 | 2 | 4 | 1 |
| 4 | 1 | 2 | 3 | 5 | 6 |
| 5 | 2 | 3 | 1 | 6 | 4 |
| 1 | 4 | 6 | 5 | 3 | 2 |



## Use digits

1-6
Range

## Digits 123

## Use digits

Range
Digits 0123


| 4 |
| :--- |
|  |

Japanese Sums sudoku sMALL 6 bIG 30 bоth 44
Fill in the whole grid with digits $1-\mathrm{n}$, so that each digit appears exactly once in each row, each column and each outlined region. Some of the cells inside the grid should be blackened. The numbers outside the grid represent sums of numbers from white cells of the corresponding row or column. If there is more than one sum, the given order is valid and there must be at least one blackened cell between the sums.



Kakuro sudoku змми 3 выс 16 вотн 24

Fill in the whole grid with digits 1 -n, so that each digit appears exactly once in each row, each column and each outlined region. The numbers in blackened cells represent sums of the numbers in corresponding direction to the next black cell.



## Use digits 1-6

Use digits
1-9


Fill in the whole grid with digits 1 -n, so that each digit appears exactly once in each row, each column and each outlined region. All adjacent cells containing consecutive digits are separated by a white dot, and all adjacent cells where one digit is exactly half of the other in value are separated by a black dot. The dot between 1 and 2 may be black or white, and not necessarily consistent throughout the puzzle.

|  |  |  |
| :---: | :---: | :---: |
|  | 6  <br>  1 <br> 5 3 | 4 |
| 24 | 1 |  |
| 316 | $4{ }^{+}$ | 5 |



## Use digits <br> 1-6

## Use digits <br> 1-9



Fill in the whole grid with digits $1-n$, so that each digit appears exactly once in each row, each column and each outlined region. The circles in the grid should be filled with two sets of digits 1 to n . Circles with the same digit N should be connected by the line going (only horizontally/vertically) through exactly N cells. Along each connecting line all the numbers should be different. Lines cannot touch or intersect each other.


## Use digits <br> 1-6



Use digits 1-9

$\square 8$

Fill in the whole grid with digits 1 -n, so that each digit appears exactly once in each row, each column and each outlined region. Each digit inside the grid represents a building with the height of the digit itself. Numbers outside the grid indicate the number of buildings that can be seen by an observer looking into the grid in the corresponding direction, taking into account that higher buildings block the view of lower buildings from the observer.

|  | $1 \begin{array}{lll}1 & 2 & 3\end{array}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | 5 | 6 | 3 | 2 | 4 |
|  | 3 | 4 | 2 | 1 | 5 | 6 |
| 1 | 6 | 3 | 4 | 2 | 1 | 5 |
| 2 | 5 | 2 | 1 | 6 | 4 | 3 |
| 3 | 4 | 1 | 3 | 5 | 6 | 2 |
|  | 2 | 6 | 5 | 4 | 3 | 1 |
|  |  | 1 | 2 | 3 |  | 5 |



|  |  |  |
| :--- | :--- | :--- |
|  | $\mathbf{9}$ |  |
|  |  |  |

Tapa sudoku
Fill in the whole grid with digits 1-n, so that each digit appears exactly once in each row, each column and each outlined region. The numbers from given range form a Tapa wall. Tapa is a continuous wall formed by black cells, which are interconnected by edge. The black cells cannot form a square $2 \times 2$.


| 4 | 1 | 3 | 2 | 5 | 6 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 5 | 2 | 6 | 4 | 3 | 1 |
| 2 | 4 | 5 | 1 | 6 | 3 |
| 3 | 6 | 1 | 5 | 2 | 4 |
| 1 | 3 | 2 | 6 | 4 | 5 |
| 6 | 5 | 4 | 3 | 1 | 2 |

# Use digits 1-6 Range 

Digits 1234

Use digits 1-9
Range
Odd digits
13579

1

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

