## Standard Sudoku 1

## 1 point

Place a digit from 1 to 6 in each empty cell so that each digit appears exactly once in each row, column and 2X3 box.


## Standard Sudoku 2

1 point
Place a digit from 1 to 6 in each empty cell so that each digit appears exactly once in each row, column and 2X3 box.


Standard Sudoku 3
5 points
Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and $3 \times 3$ box.

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

## Standard Sudoku 4

4 points
Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and $3 \times 3$ box.


Standard Sudoku 5
6 points
Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

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

Standard Sudoku 6
6 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.


## 2-5 Outside

 Sudoku2 points
Apply standard Sudoku rules.

The digits outside the grid must appear in the 2nd or 5th cell of the grid from the corresponding direction.

## 2-5-8 Outside

 Sudoku
## 13 points

Apply standard Sudoku rules.

The digits outside the grid must appear in the 2nd or 5th or 8th cell of the grid from the corresponding direction.


Skyscrapers Sudoku 1

## 3 points

Apply standard Sudoku rules.

Consider each number to be the height of a building. The numbers outside the grid indicate how many buildings can be seen when looking in that direction (taller buildings conceal smaller buildings behind them).

Skyscrapers Sudoku 2

## 11 points

Apply standard Sudoku rules.

Consider each number to be the height of a building. The numbers outside the grid indicate how many buildings can be seen when looking in that direction (taller buildings conceal smaller buildings behind them).


## Outside Sequence

 Sudoku 1
## 2 points

Apply standard Sudoku rules.

In each row and column, digits in the circled cells form arithmetic progression along with the outside digit, but not necessarily in order. A '?' outside should be replaceable by any digit from 1 to 6, but need not be uniquely determined or filled.

## Outside Sequence Sudoku 2

## 12 points

Apply standard Sudoku rules.

In each row and column, digits in the circled cells form arithmetic progression along with the outside digit, but not necessarily in order. A '?' outside should be replaceable by any digit from 1 to 9 , but need not be uniquely determined or filled.


Thermo Sudoku 1
2 points
Apply standard Sudoku rules.

Additionally, the digits in each "thermometer" shaped region must be strictly increasing from the circular "bulb" to the other end(s).

## Thermo Sudoku 2

## 12 points

Apply standard Sudoku rules.

Additionally, the digits in each "thermometer" shaped region must be strictly increasing from the circular "bulb" to the other end(s).


## Renban Sudoku 1

1 point
Apply standard Sudoku rules.

The set of digits on each line must be distinct consecutive digits.

## Renban Sudoku 2

## 8 points

Apply standard Sudoku rules.

The set of digits on each line must be distinct consecutive digits.


## Consecutive Pairs Sudoku 1

1 point
Apply standard Sudoku rules.

Additionally, if a dot is given between two adjacent cells, then the two numbers in those cells must be consecutive.

Consecutive Pairs Sudoku 2

10 points
Apply standard Sudoku rules.

Additionally, if a dot is given between two adjacent cells, then the two numbers in those cells must be consecutive.


