## 6 by 6 Killer Sudoku

Fill in the numbers 1 to 6 in such that each number only appears once in each row，column and dotted sub－region（cage）．The sum of the numbers in a cage must equal the printed clue numbers of a cage．

| $\|$1－－－－－－－ <br> 1 <br> 1 <br> 1 <br> 1 |  | 10－－－ | $9^{19-----1}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | （ | $8$ | －－－7 | （15－－－ |
| ｜11 |  | 19 |  |  |  |
| 1－－－－－1 |  | \|14 | $\left\lvert\, \begin{array}{ll}-----3 \\ 10 \\ 1 \\ 1 & \\ 1\end{array}\right.$ | ｜ra |  |
|  | ！ | 号 |  | 1 | 1 |
|  | $17$ |  | $17$ | ， | $!$ |


|  |  |  | 18－－－－ | $\left\lvert\, \begin{aligned} & 18 \\ & 1 \\ & 1 \\ & 1 \\ & 1\end{aligned}\right.$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 11 | 10－－－足 | ｜r－－－－吕 | ， | 1rer | 111 |
|  |  | ＇L＿－－＿」 | 8 |  |  |
|  | $19^{-----1}$ | $\left\lvert\, \begin{aligned} & 7----- \\ & 1 \\ & 1 \\ & 1 \\ & 1 \\ & 1\end{aligned}\right.$ |  | （1－－－－－ | －－－－－－ |
|  | － |  | - | ！ | ， |
|  |  |  | 1ner | 10 |  |

## Answers

Fill in the numbers 1 to 6 in such that each number only appears once in each row, column and dotted sub-region (cage). The sum of the numbers in a cage must equal the printed clue numbers of a cage.

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


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

