## 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.

|  |  | r-a--- | 15 |  | 16---- |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $6$ |  | 1 | , |  |  |
| $17$ |  |  | ${ }^{\top} 9$ |  |  |
|  | 6 |  | 13 ${ }^{-----3}$ | 10 ${ }_{1}^{10}$ |  |
| $7$ | $\square$ |  |  | $\left\lvert\, \begin{aligned} & 18 \\ & 1 \\ & 1 \\ & 1 \end{aligned}\right.$ |  |
|  | $8$ |  | $12$ |  |  |


| :16- |  |  |  | $1^{------}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \% | -7  <br> 1  <br> 1  <br> -1  | (5---- | \|12----1 | 1 | (1----- |
| \|11 | ! | ( |  |  | 1r |
| \% |  |  | (12---- | $\mid 11$ |  |
| (180-9 | $6^{-----4}$ |  |  | 10--- | ------ |
|  | 1 | ( | T------- |  | $\qquad$ |

## 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.

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


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

