## 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.

| $\left\lvert\, \begin{gathered}16----1 \\ 1 \\ 1\end{gathered}\right.$ | $\left\lvert\, \begin{aligned} & \text { 7----- } \\ & 1 \\ & 1 \\ & 1\end{aligned}\right.$ | :12---- |  | $10{ }^{10-----------~}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \|rr| |  |  |  | 188--------- |  |
| 110 |  | $\left\lvert\, \begin{gathered}1-6---1 \\ 1 \\ 1 \\ 1\end{gathered}\right.$ | 17---- | 19---- |  |
| \|111 | $3$ | - | , | 1 | 6 |
| ' | ' | :13 |  | 19----1 | $i$ |
|  | $1 \begin{aligned} & 1-1 \\ & 19 \end{aligned}$ |  | 1 |  |  |


| $8$ | $\|$$1-----3$  <br> 1  <br> 1  <br> 1  <br> 1  | $\|$11  <br> 11  <br> 1  <br> 1  <br> 1 $-----------~$ | $-\cdots$ | $13^{------1}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| L-----」 |  |  |  | $10$ |  |
| \|r-----1 | $\left\lvert\, \begin{array}{ll}10---2 \\ 1 \\ 1 \\ 1 \\ 1 & \\ 1\end{array}\right.$ | [14 ${ }^{----}$ |  |  |  |
|  | T |  | -6---- | $\begin{aligned} & 10 \\ & 10 \\ & 1 \\ & 1 \\ & 1 \end{aligned}$ |  |
|  | $11$ |  |  |  | \|rat |
| 7 |  | 3 |  | ----- |  |

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


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

