## 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.

| (17 |  | \|is | $7^{------1}$ |  | $\left\lvert\, \begin{array}{cc}17 \\ 17 & \\ 1 & \\ 1 & \\ 1\end{array}\right.$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | , | 10 | -3---- | 1r |
| 14----3 | $\left\lvert\, \begin{aligned} & 1 \\ & 1 \\ & 1 \\ & 1 \\ & 1\end{aligned}\right.$ |  | 10 | 1 | \|rirra |
| L-----」 | 16---- |  | 8 |  | $\begin{array}{ll}1 & \vdots \\ 1 & \vdots \\ 1 & \end{array}$ |
| 17 $7^{----3}$ | - 4 |  | \|3---- | 111 |  |
| L----.」 | $\left\lvert\, \begin{gathered} 10 \\ 1 \\ 1 \\ 1 \\ 1 \end{gathered}\right.$ |  | , | d | 1 |


| 111 |  | $\|$11 <br> 11 <br> 1 <br> 1 <br> 1 <br> $-2----------~$ | $-\overline{-7}$ | $\left\lvert\, \begin{aligned} & 1------1 \\ & 1 \\ & 1\end{aligned}\right.$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | ${ }^{1} 9$ |  |  |
|  |  |  |  |  |  |
| 10----1 | $\left\lvert\, \begin{array}{ll}12---3 \\ 1 \\ 1 \\ 1 \\ 1 & \\ 1\end{array}\right.$ | 13 |  | ! | 1  <br> 1  <br> 1  <br> 1  <br> 1 -2 |
|  | \|l |  | 1------------- |  | $7$ |
| ! | 17----- | ! | 7 | $\pm$ | \|r |

## 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.

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


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

