## YAJIKABE

The task is to shade some cells in the grid black. Cells with numbers are always white.

No $2 \times 2$ cell area within the grid can contain all black cells. All the black cells form one contiguous region.

A cell containing a number and an arrow represents how many black cells are in the row or column pointed at by the arrow.

| $\xrightarrow{\rightarrow}$ |  |  | $\leftarrow$ |  |  | $\leftarrow$ | $2 \downarrow$ | $7 \downarrow$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $4 \downarrow$ |  | $\leftarrow$ |  |  |  |  |  |  | $\stackrel{\leftarrow}{7}$ |
|  |  |  |  |  | $1 \downarrow$ |  | ${ }^{1} \downarrow$ |  |  |
|  |  |  |  |  |  | $2 \uparrow$ |  |  | $\leftarrow$ |
| $\overrightarrow{2}$ |  |  | $\leftarrow$ | $4 \downarrow$ |  |  |  |  |  |
|  | $\overrightarrow{6}$ |  |  |  |  |  | $\overrightarrow{1}$ |  | $\stackrel{\leftarrow}{7}$ |
|  |  |  | $\stackrel{\leftarrow}{2}$ |  |  |  |  |  |  |
|  | $\leftarrow$ |  |  | $4 \uparrow$ |  |  |  |  |  |
|  |  |  |  |  |  | $4 \uparrow$ |  |  |  |
|  | $\xrightarrow[1]{ }$ |  | $5 \uparrow$ |  |  |  |  |  | $1 \uparrow$ |

