#  <br> Puzzles for tbe logical mind 

Please enjoy these sample pages from Hanjie.

A subscription to Hanjie
is the best way to ensure you never miss this brilliant magazine, delivered direct to your door!

## SUBSGRIBE NOW

## HOW TO SOLVE THE PUZZLES

In case these are new to you, here's a brief introduction to this exciting and addictive puzzle. Your aim is to colour in certain squares in the grid to form a picture. The only clues you have are the numbers at the end of each line. These tell you, in order from Top or Left, the number of coloured squares in each block.
Each block of colours is separated by at least one white square. So $\mathbf{2} \mathbf{6}$ means there are two coloured squares followed by one or more empty squares, followed by a block of six coloured squares.
Solving depends on the ability to cross-reference these clues and apply logical deduction.


As a start: the left-
hand column (26) can only be coloured in three ways:

Whichever is correct, the squares next to the arrows must be coloured in, so we have one square of the 2 and five of the 6 . This filling can be repeated in Column ten.


Now look at the second row across (1 1). Both these single blocks have been coloured in so we know the rest of the line must be empty. Put a small $X$ in each cell known to be empty. Next, have a look at column four (2 1). The top block is of two squares but the second square down is known to be empty. So the square above it must also be empty. Another X can be entered. Row seven starts with a block of two and the first has been filled, so fill in the second one and put a $X$ next to it. Do the same at the other end of that row. Now fill the rest of that row with X's.

Another X can be placed in row six column two and this means the block of four coloured squares in column two must occupy the bottom four squares in that column.
More X's and fills follow. Continue cross-referencing rows and columns and logically mark in the coloured and - just as vital - the empty squares until the picture is complete.

Note: all Hanjie puzzles supplied by Conceptis are solvable by pure logic alone - trial and error is never needed.

|  | 1 1 1 6 | $\begin{aligned} & 1 \\ & 1 \\ & 5 \\ & 1 \end{aligned}$ | $\begin{aligned} & 1 \\ & 1 \\ & 2 \\ & 1 \end{aligned}$ | 1 | $\left\lvert\, \begin{aligned} & 3 \\ & 1 \\ & 1 \\ & 2 \end{aligned}\right.$ |  | 1 | 3 2 1 1 | $\begin{aligned} & 1 \\ & 4 \\ & 1 \\ & 1 \\ & 1 \end{aligned}$ | 1 3 1 4 | 3 |  | 1 2 2 | 1 3 4 | 1 | 1 1 3 2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3224 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2222 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1122 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 231 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5121 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2211 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 512 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3112 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2133 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1111 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1111 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 332 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


| [ | 6  <br> 1 11 | 18 |  |  | 1 | 1 | 2 <br> 2 <br> 1 <br> 1 | $\mathbf{5}$ <br> $\mathbf{2}$ <br> $\mathbf{1}$ <br> 1 <br> 1 | 4 |  | 5 | 6 1 3 | 8 1 <br> 1 1 <br> 1 1 <br> 1 1 |  | 2 3 3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 71 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 223 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 314 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3211 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3411 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3111 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 312 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 31 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2214 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11211 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1211 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 532 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## HEELED

|  |  |  | 1  <br> 1 4 <br> 1 8 | $\begin{array}{r}41 \\ 4 \\ 8 \\ 8 \\ \hline\end{array}$ |  |  | 2 | 2 2 <br> 2 1 <br> 2 1 | 2 2 <br> 1 2 <br> 1 2 |   <br> 2 2 <br> 2 1 <br> 2 1 <br> 2 1 | $\begin{array}{lll}2 & 1 \\ 1 & 1 \\ 1 & 1 \\ 1 & 1\end{array}$ | $\begin{array}{lll} \\ 1 & 2 \\ 1 \\ 1 & 1 \\ 1 & 1 \\ 1 & 1 \\ 1\end{array}$ | 3 1 1 1 | 2 | 1 | 1 $\begin{aligned} & 1 \\ & 3 \\ & 1 \\ & 1 \\ & 1\end{aligned}$ | 1 1 | 1 $\begin{aligned} & 1 \\ & 5 \\ & 3\end{aligned}$ | 4 <br> 2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 33 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2311 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11212 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12214 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 112221 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12251 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22231 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1123 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1214 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11123 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11272 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11211 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1113 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1111 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 39 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## BACK

|  |  |  |  |  | 111 1 1 1 |  |  <br> 8 <br> 8 <br> 1 <br> 1 | 3 <br> 1 <br> 4 | 2 | 51 |  | 1 1 <br> 2  <br> 1 1 | 1 1 <br> 1 3 <br> 3 2 <br> 1 2 |  <br> 2 <br> 4 <br> 4 | 1 <br> 3 <br> 4 <br> 4 <br> 4 |  | 2 4 <br> 3 2 <br> 1 3 <br> 1 2 | 5 |  | 1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 43 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 42 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 41 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 51 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 312 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3311 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 42111 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 43211 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1022 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 112 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 54 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 34 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1111 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1221 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1221 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 32 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 33 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 34 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## HOP IT

|  |  | $\begin{array}{r}1 \\ 3 \\ 3 \\ 3 \\ 20 \\ 2 \\ \hline\end{array}$ |  <br>  <br> 2 <br> 3 <br> 3 <br> 2 <br>  <br> 6 <br> 1 |  <br> 2 <br> 2 <br> 4 <br> 3 <br> 4 <br> 1 | 1 2 4 1 3 2 1 1 | 1 <br> 2 <br> 2 <br> 4 <br> 3 <br> 2 <br> 2 | $\|$1 <br> 1 <br> 2 <br> 1 <br> 2 <br> 2 <br> 4 <br> 2 <br> 1 | $\begin{aligned} & 2 \\ & 3 \\ & 1 \\ & 1 \\ & 1 \\ & 2 \\ & 6 \end{aligned}$ | $\begin{aligned} & \mathbf{2} \\ & \mathbf{1} \end{aligned}$ | $\mid$ |  | 2 2 2 1 | 1 2 1 | 1 <br> 1 <br> 1 <br> 1 <br> 3 <br> 1 <br> 3 <br> 4 <br> 4 | 2 <br> 2 <br> 3 <br> 1 <br> 1 <br> 2 <br> 1 <br> 3 | 2 |  | 3 | 4 | 6 4 2 | 2 1 3 2 2 |  <br>  <br> 2 <br> 1 <br> 7 <br> 7 <br> 3 <br> 5 | 2 2 8 2 2 2 | 2 |  |  | 3 | 8 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 34 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1222 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2322 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21217 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 111111 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3235 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 654 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6143 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2211136 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13262 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4252 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4931 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2331311 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 123211 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 121221 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1121111 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1211142 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11111122 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12113213 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 212133111 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 321112122 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| +3322234 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4211324 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 412314 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 52124 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $62224$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $211241$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $29$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12631 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9411 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## SOLUTIONS

TRICKY


BACK


HOP IT


