## SNAKE PIT

The task is to divide the grid into regions（＂snakes＂）．A snake is a one－ cell－wide path at least two cells long．A snake cannot touch itself，not even diagonally．

A cell with a circle must be one of the ends of a snake．A snake may contain one or two or no circled cells at all．

A numbered cell must be part of a snake with a length of exactly that many number of cells．A snake may contain any amount of numbered cells．

Two snakes of the same length cannot be orthogonally adjacent．

|  |  |  | 2 |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 5 |  |  |  | 4 |  | 5 |  |
|  | 5 |  |  |  |  |  | 3 |
|  |  |  | 2 |  | 3 | 3 |  |
| 3 | 3 |  |  |  |  |  | $\bigcirc$ |
| 3 |  |  | 5 |  |  |  | 3 |
|  | 5 | 3 |  |  |  |  |  |
|  | 5 |  |  |  |  |  |  |

