Cut Block puzzles were devised by Japanese puzzle inventor Naoki Inaba.

There are two rules that must hold of a completed cut block puzzle.

1) Each area marked out by darker lines must contain the numbers from 1 up to the number of squares in the area. For example, the top most area in the first puzzle below consists of 5 squares so those squares must be filled with the numbers: 1, 2, 3, 4 and 5 with no repeated numbers. If the area has two squares, like the one bottom left below, then it must be filled with the numbers 1 and 2.

2) No number can be next to the same number in any direction, whether horizontally, vertically or diagonally. So in the grid below, the fact that there is a 4 on the side means there cannot be a 4 in any of the 5 squares surrounding it.

Here is an example with its solution and then a larger cut block puzzle to try.