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## Cut Block Puzzle Sheet 2

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.

2		
		1
3		

2	3	2
1	4	1
3	2	3
4	1	4

		1	4			
			3			
		6				
2		3		5		4