



# Week 36 WSC Problem

## XV Sudoku (hard)

Rule :

Sudoku XV is the variation of the original sudoku. All adjacent cells with two digits summing to 10 are marked by X, while those summing to 5 are marked by V. The cells edges which do not contain an X or a V cannot have digits summing to 5 or 10.

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 6 |   |   |   | 1 |   |   |   |   |
| X | X | Y |   |   | 5 | X | 7 |   |
|   | Y |   |   | Y |   |   |   |   |
|   |   |   | Y | X |   |   |   |   |
|   |   |   |   |   |   |   |   | 2 |
|   |   | X |   |   | 7 |   |   |   |
|   |   | Y |   |   | X |   |   |   |
| X |   |   |   |   |   | X |   |   |
|   | X |   | X |   |   |   | Y | Y |
|   | 2 |   |   | X |   |   |   |   |
| 1 |   |   |   |   |   |   | X |   |
|   | X |   |   |   |   |   |   |   |
|   |   |   |   | 7 |   |   |   | 9 |