





How to play the cards puzzle?

1. Print the page containing the 9 cards on a piece of paper and cut the paper along the dashed lines, such that you get 9 cards.
2. Now try to arrange the 9 cards on a 3x3 grid in such a way that each symbol at the border of each card is identical to the symbol on the neighbor card sharing that border.

This condition is e.g. satisfied on the printed page for the cards 4 and 7 that both have the identical symbol  on their common border. It is also satisfied for the cards 7 and 8 that have the identical symbol  on their common border.

But it is e.g. not satisfied for cards 1 and 2 that have different symbols ( and ) on their common border.

All numbers have to stay in upright position, i.e., it is forbidden to rotate the cards by 180°

You can try this puzzle by hand for fun.
It often takes a bit longer by hand
than programming the solution in Prolog.

