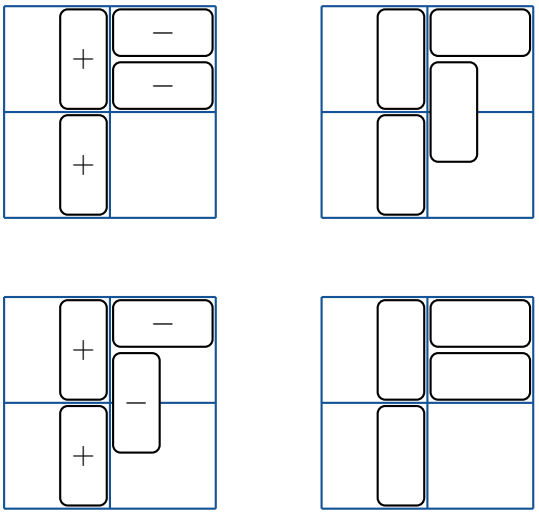
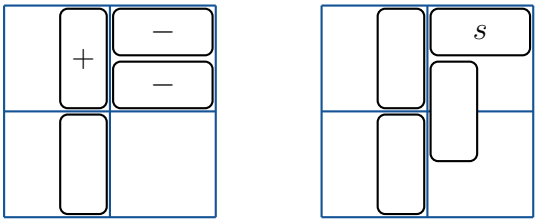
This is about paired dominoes. A group of paired dominoes consists of all the dominoes of one type II cycle together with all the dominoes with which these dominoes are paired. Within a group of paired dominoes, the sign rules are strict. A group of paired dominoes is either all filled with signs or all blank. Signs alternate along rows and are constant in a given column. (So, the signs in the whole group are determined by the sign of any one of them.)

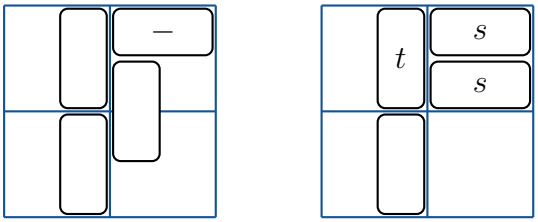
Which signs are in the group of paired dominoes is determined by the two adjacent (one on top, one on bottom) unpaired dominoes, and whether the type II cycle is boxed or unboxed. Here are the possible configurations of the two sign tableaux.

Top and bottom unpaired dominos with compatible signs.

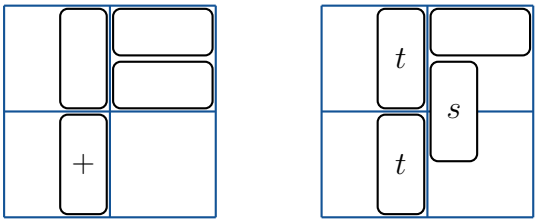


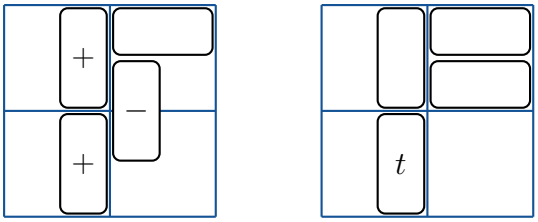
Top unpaired domino with a sign.



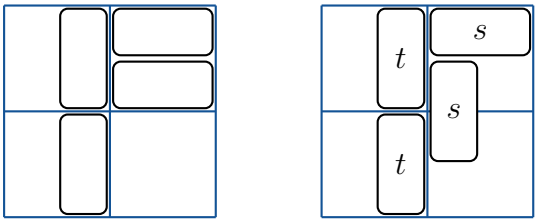


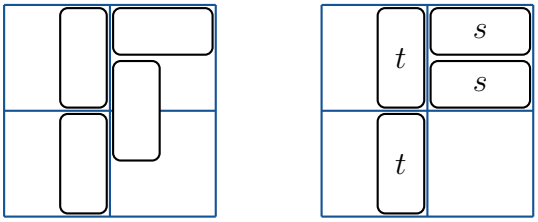
Bottom unpaired domino with a sign.



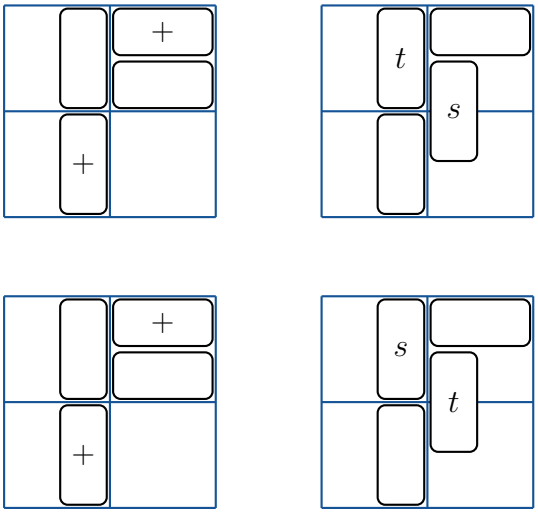


Both unpaired dominoes without a sign, compatible signs on the other side.





Unpaired dominoes with incompatible signs.



Unpaired dominoes with incompatible signs on the other side.