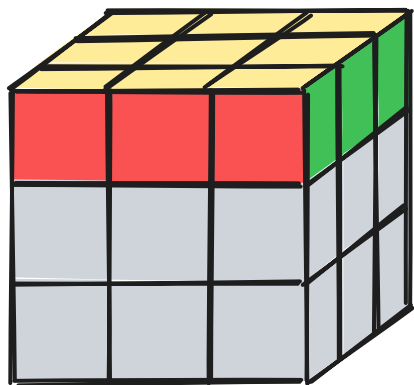
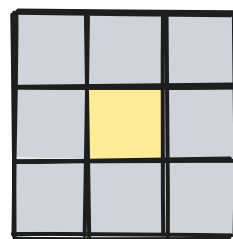


3x3 LAST LAYER

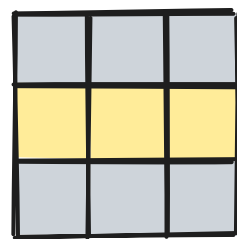


OLL algorithms

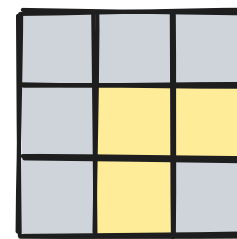
1)



F RUR'U' F'
f RUR'U' f'

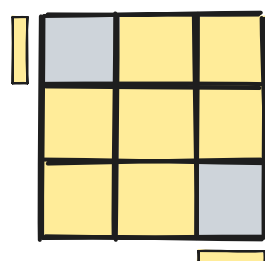


F RUR'U' F'

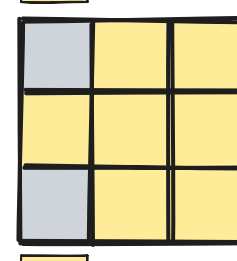


f RUR'U' f'

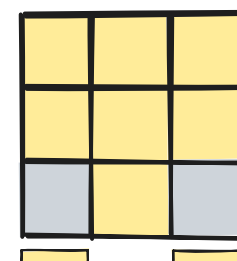
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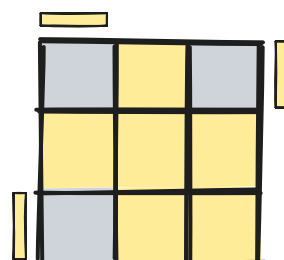
F' rUR'U' L'U'



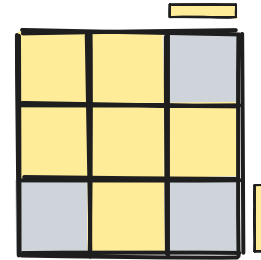
rUR'U' L'U' F'



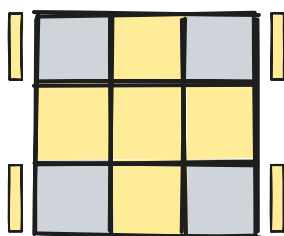
R2DR'U2 RD'R'U2 R'



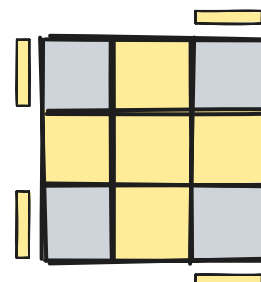
R'U2RUR'UR



R'U'R'U'R'U2R



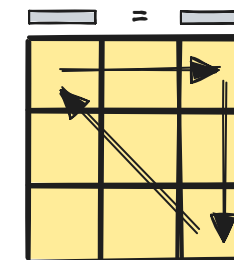
RUR'U RU'R'U RU2R'



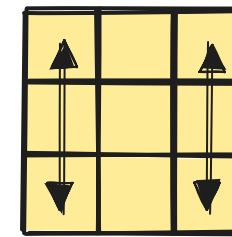
RU2 R2U' R2U' R2U2 R

PLL algorithms

3)

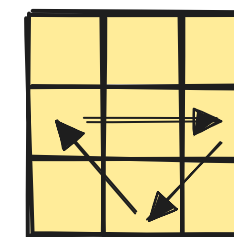


x R'UR'D2
RU'R'D2 R2 x'

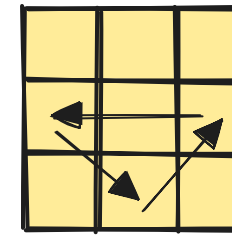


x' RU'R'D RUR'D'
RUR'D RU'R'D' x

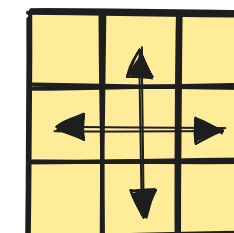
4)



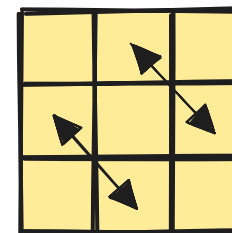
R2U RUR'U' R'U' R'UR'



R2U' R'U'RU RU RU'R



M2U M2U2 M2U M2



M2U' M2U'
M'U2 M2U2 M'