Previous step (/the-rubikscube/advanced-cfopfridrich/first-two-layersf2l/) Next step (/the-rubikscube/advanced-cfopfridrich/permutate-thelast-layer-pll/)

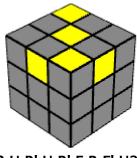
Step 3 - Orient last layer - OLL

While solving the Rubik's Cube (/online-rubiks-cube-solver-program/) with the advanced Fridrich method (/the-rubiks-cube/advanced-cfop-fridrich/), when the first two layers (F2L) (/the-rubiks-cube/advanced-cfop-fridrich/first-two-layers-f2l/) are solved we need to orient the last layer (OLL) so the upper face of the Rubik's Cube (/the-rubiks-cube/) is all yellow. We don't care if the side colors don't match, we are going to permute the last layer (PLL) later (/the-rubiks-cube/advanced-cfop-fridrich/permutate-the-last-layer-pll/). Here are a few

animated examples. Press the play to start the animation.



R U B' I U I2' x' U' R' F R F'



R U R' U R' F R F' U2 R' F R F'

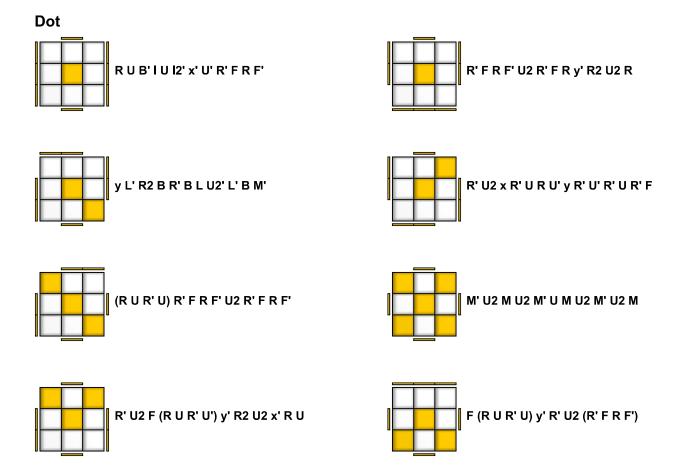


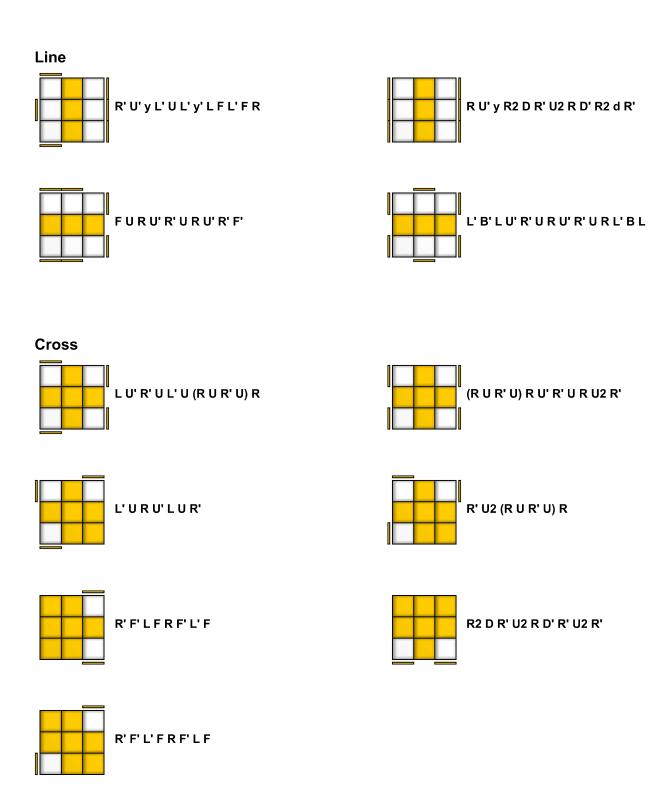
U2 M' U2 M



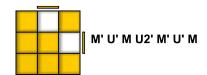
You'll need to learn all the 57 <u>algorithms (/the-rubiks-cube/algorithm/)</u> below to complete this in one step. If this seems too many I recommend you learn the 2look OLL which uses only 9 algorithms but of course it's slower.

Let's group them according to their look.

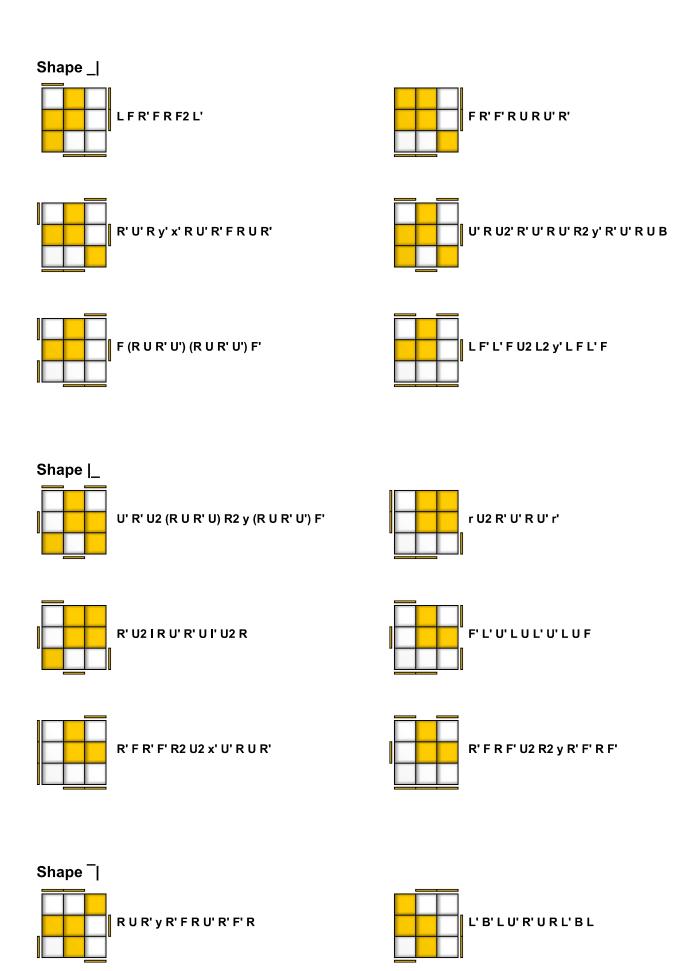




4 corners

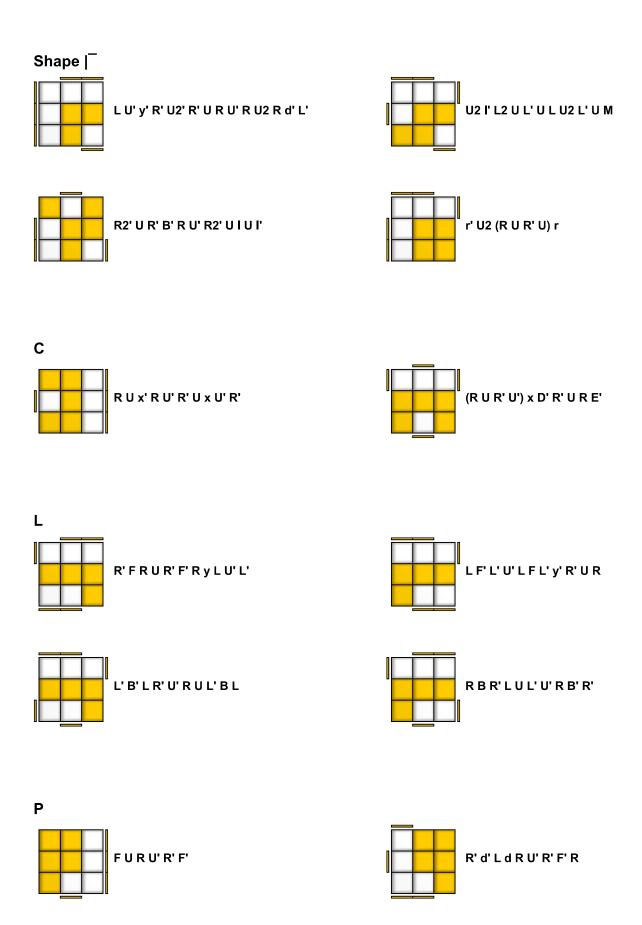








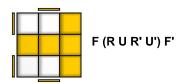














W





Ζ





Previous step (/the-rubikscube/advanced-cfopfridrich/first-two-layersf2l/) Next step (/the-rubikscube/advanced-cfopfridrich/permutate-thelast-layer-pll/)

Steps of the Fridrich Rubik's Cube Method (/the-rubiks-cube/advanced-cfop-fridrich/):





2. First two layers (F2L) (/the-rubiks-cube/advanced-cfop-fridrich/first-two-layers-f2l/)



3. Orient last layer (OLL) (/the-rubiks-cube/advanced-cfop-fridrich/orient-the-last-layer-oll/)



4. Permute last layer (PLL) (/the-rubiks-cube/advanced-cfop-fridrich/permutate-the-last-layer-pll/)

Comments