

# RMIT Rubik's Cube Club

## A simple Rubik's Cube solution!

### Step 1: Create a white cross on the bottom.



Place the four white edge pieces near each centre piece to make a white cross.

### Step 2: Insert the white corners.



Break the cross temporarily to insert the white corners, and use the top layer to move them around.

$R U R'$  or  $F' U' F$

### Step 3: Insert the edges of the second layer.



Pair up a white corner with its edge in the top layer and then insert the pair.

### Step 4: Create a yellow cross on the top.



Move the top layer around and keep doing  $R' F' U' F U R$  until all the yellow edges are flipped up.

### Step 5: Flip the yellow corners.



Anti-Sune  
 $R U^2 R' U' R U' R'$

Niklas  
 $R U' L' U R' U' L$

### Step 6: Position the yellow corners.



Position two corners at a time with J Permutation (Anti-Sune + Niklas)  
 $R U^2 R' U' R U' R'$   
 $R U' L' U R' U' L$

### Step 7: Position the yellow edges.

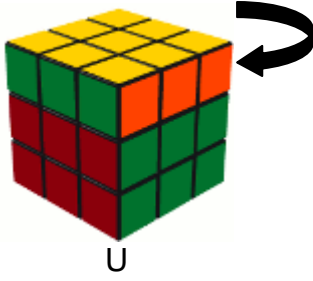


U Permutation  
 $F^2 U L R' F^2 R L' U F^2$

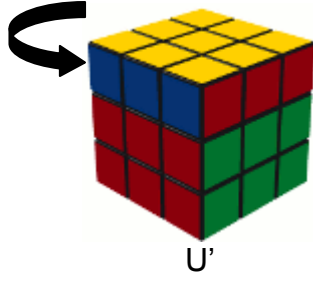
### That's it! It's solved!



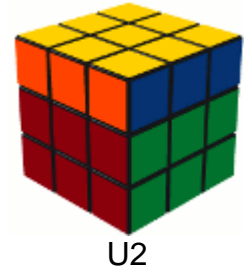
# Notation



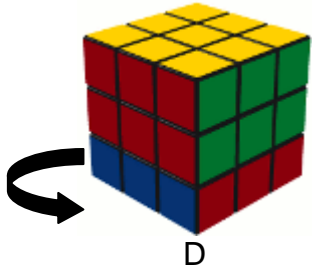
U



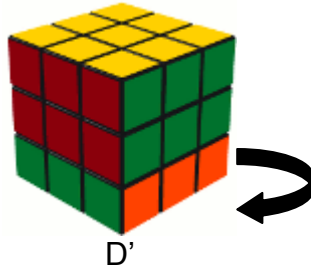
U'



U2



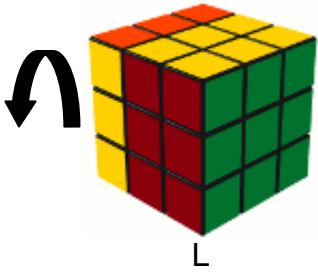
D



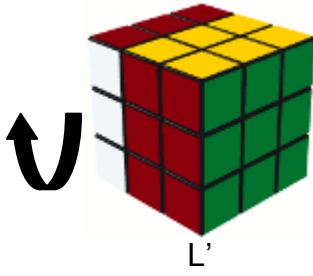
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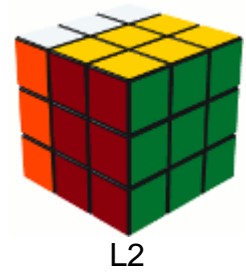
D2



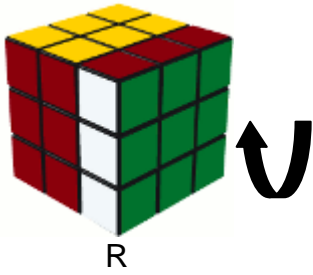
L



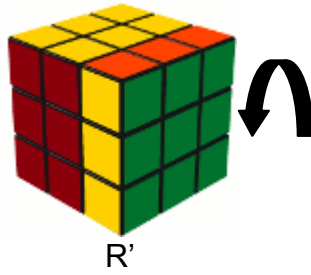
L'



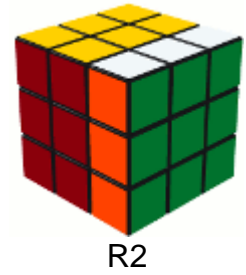
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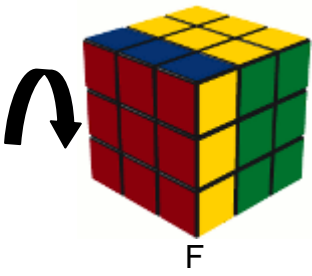
R



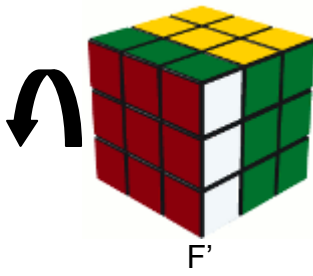
R'



R2



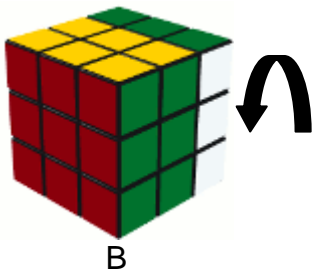
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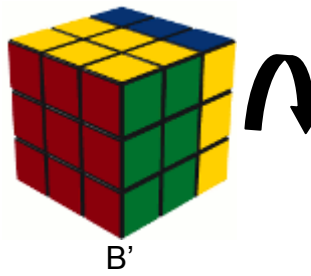
F'



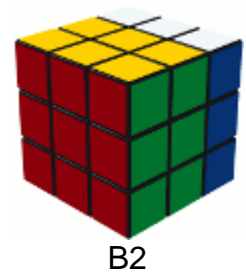
F2



B



B'



B2