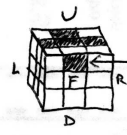
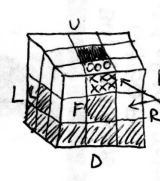


$R_i D_i R D$  up to 5 times  
6 times returns to original position



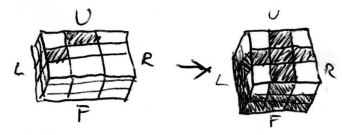
Rotate this cubelet

~~$F_i D_i R D$~~   
 $F_i U L_i U_i$

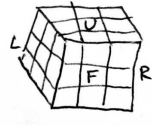


Solve 2nd layer corner pieces:  
to have to move left:  $U_i L_i U L U F U_i F_i$   
Right:  $U R U_i R_i U_i F_i U F$

After 2 layers on bottom are solved, get a + on top

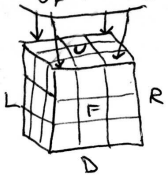


up to 2 or 3 times to get +, do  $F R U R_i U_i F_i$



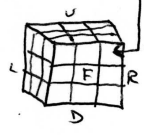
Position so that top row middle matches sides on both right side and opposite side.  
If they are on opposite sides, then first ~~to~~ position 1 match on front, one on back, do  $R U R_i U R U R_i$   
Get it back to position of matching sides on right side and back side. Do  $R U R_i U R U R_i$   
~~Now top cross should be solved including middle~~ Now everything except top 4 corners should be solved.

Up to 4 unsolved pieces, everything else already solved at this point



Find one of these 4 <sup>cubelets</sup> pieces that is in the right place but not necessarily rotated right.

In case there are none, do this:  $U R U_i L_i U R_i U_i L$  once or twice. (For each corner that isn't in the right place)  
Then position so that 1 of the corner pieces that matches is on Right; towards you corner on top.



Then Do  $R_i D_i R D$  as many times as needed to make that corner cubelet correct orientation. (top of cubelet only) (0-5 times)

Then do  $U_i$

Go back to this step until you have done it ~~for~~ for the 4 corner pieces