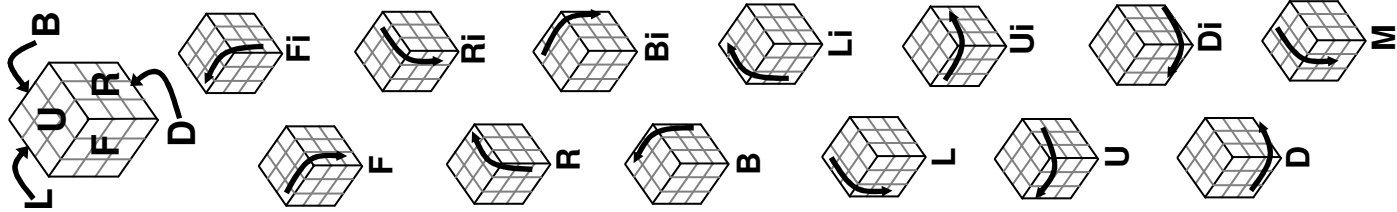


Notation



7-STEP Intermediate Solution by Dan Knights

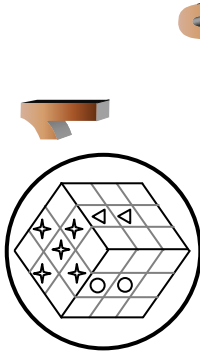
This is a "cheat sheet" for solving Rubik's Cube. It does not attempt to explain any of the maneuvers. If you want to actually understand how each step works, you should try my "Revolving Door" solution, at thepublicvoid.com.

To begin, you need to solve the first layer on your own (Steps 1 and 2). Keep in mind that the center squares of each face are attached to the center of the cube, so that they can never change position relative to each other (e.g. "RED" is always opposite "ORANGE"). If you need help on the first layer, ask someone who knows how.

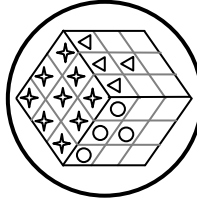
Note: You may have to use the maneuver for each step several times before you can move on to the next step. When in doubt, or if your cube does not match the picture exactly, just do the maneuver once and check again.

Comments: dan.knights@gmail.com

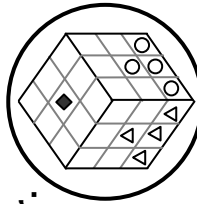
1. Solve the first side cross.



2. Solve the first side corners.



2.5 Flip the cube over.



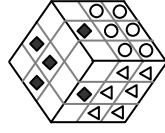
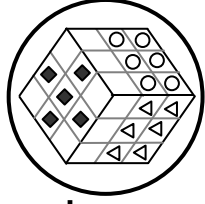
3. Solve the middle layer edges.



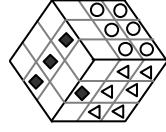
Uj Fi U F U Ri

U R Uj Ri Uj Fi U F

4. Flip the top cross.



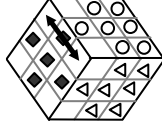
or



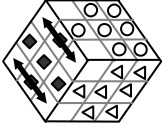
F U R Uj Ri Fi

F R U Ri Uj Fi

5. Position the top corners.



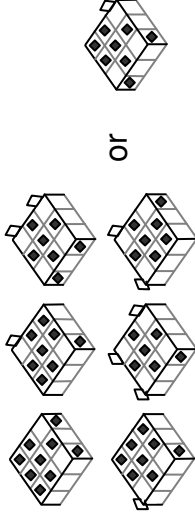
or



L Uj Ri U Li U Ri U2

Ri U2 R L Uj Ri U Li U2 R*

6. Flip the top corners.



or

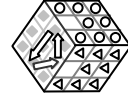


Ri U2 R U Ri U R

Ri Uj Ri Uj Ri U2 R*

(repeat when necessary)

7. Position the top cross.



F2 Uj L Ri F2
Li R Uj F2



F2 U L Ri F2
Li R U F2*



M2 U M2 U2
M2 U M2*



R Bi Ri B F
Ri F Bi Ri
B R F2 U*

* These maneuvers are optional; it is possible to solve the cube without them.