I. Rubik Notation

Rubik Notation includes the glyphs, letters, and symbols that make up a single 90 degree rotation (or "move") of the Rubik Cube.

An attempt is made to limit move sequences to the following notation (Up, Right, Left, Front):



There is a preference to move the whole cube to access Back B and Down

As $[\mathbf{y}]^2$ will rotate the whole cube 180 degrees, moving the Back face to the Front.

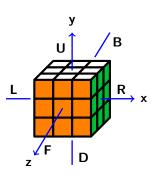
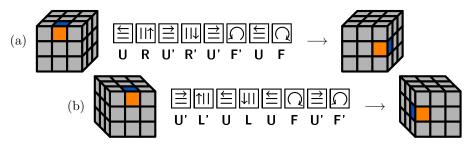


Figure 1: Rubik Notation

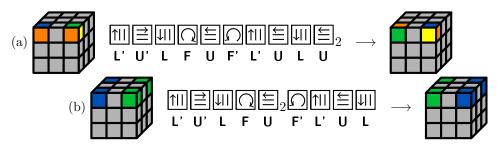
II. Rubik Solving

Make top white face, then $[\mathbf{x}]^2$ to bring yellow to the top:

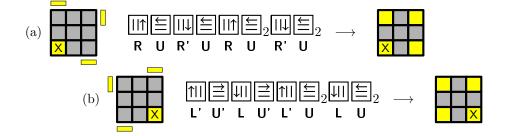
II.A Edge Moves (use to make middle layer)



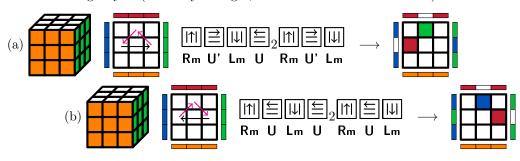
II.B Corner Swaps (use to get corners in correct position)



II.C Corner Side-to-Top (use to flip sides up to top)



II.D Edge Cycle (use to cycle edges, make sure corners are correct!)



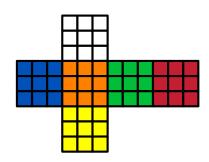


Figure 2: Flat Cube (white opposed by yellow)

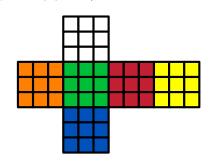


Figure 3: Flat Cube (white opposed by blue)

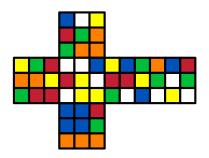
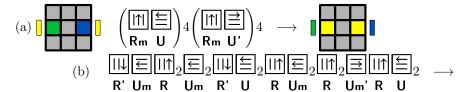


Figure 4: Random Cube



II.F Dedmore "Fish" Pattern



III. Rubik Patterns

A Rubik pattern is the configuration generated by a sequence of rotations from some initial starting configuration (typically a "solved" configuration).

