

Cheat sheet – Beginner Method

Cross and First Layer Corners

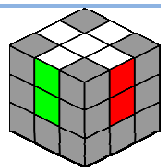


Figure 1: Cross

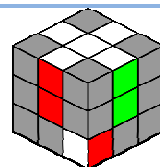


Figure 2: First layer corners

NO ALGORITHMS!

R' D' R D

Second Layer Edges

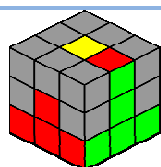


Figure 3: Edge to the left

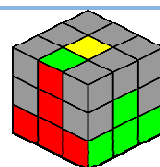


Figure 4: Edge to the right

U' L' U L U F U' F'

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

Orient Edges in U-Layer

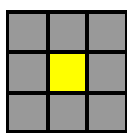


Figure 5: Case 1

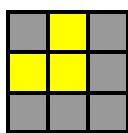


Figure 6: Case 2

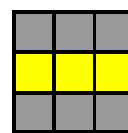


Figure 7: Case 3

F R U R' U' F'

Permute Edges in U-layer

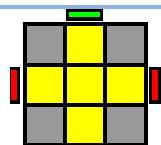


Figure 8: Case 1

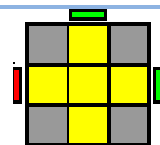


Figure 9: Case 2

R U R' U R U2 R'

Permute Corners in U-Layer

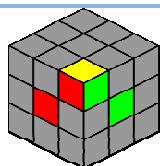


Figure 10: Correct

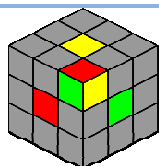


Figure 11: Correct

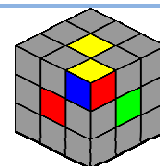


Figure 12: Incorrect

U R U' L' U R' U' L

Orient Corners in U-Layer

Use the same algorithm as when solving the first layer corners. Keep an eye on the URF position, and when the corner is correct oriented, turn only the U-layer to bring an incorrect oriented corner to the URF position. Then repeat until all the corners are correct oriented. The cube should now be solved.