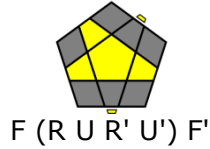


Simple Megaminx Guide

Arranged by Andy Klise of <http://www.kungfoomanchu.com>
Algorithms mainly by Erik Akkersdijk

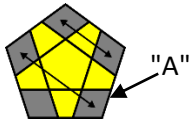
Orient Edges



Permute Edges



Permute Corners



Example 1

$(R' D_{fr} R) U^{21}$
 $(R' D_{fr}' R) U^2$
 $(R' D_{fr} R) U$
 $(R' D_{fr}' R) U$
 $(R' D_{fr} R) U'$
 $(R' D_{fr}' R)$

Adjust U so that 1st misplaced piece ("A") is in the front right position

$(R' D_{fr} R)$

Adjust U so that A's proper location is in the front right position, note the piece now located in the front right ("B")

$(R' D_{fr}' R)$

Adjust U so that B's proper location is in the front right position

$(R' D_{fr} R)$

Continue until all but one misplaced piece remains

Adjust U so that the piece in the U layer that does not have yellow is in the front right

$(R' D_{fr}' R)$



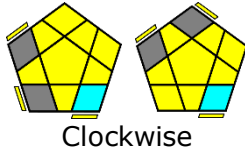
Example 2

$(R' D_{fr} R) U^2$
 $(R' D_{fr}' R) U'$
 $(R' D_{fr} R) U^2$
 $(R' D_{fr}' R) U$
 $(R' D_{fr} R) U$
 $(R' D_{fr}' R)$



Corner Orientation

Orienting an Odd Number of Corners



Adjust U so that the unoriented piece is in the front right with the U color facing **front**. Call this the light blue spot.

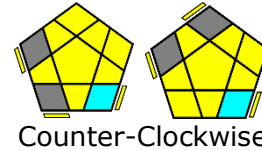
$(F D_{fr} F' D_{fr}')^*2$

Adjust U so that the 2nd unoriented piece is in the light blue spot

$(F D_{fr} F' D_{fr}')^*2$

Adjust U so that the 3rd unoriented piece is in the light blue spot

$(F D_{fr} F' D_{fr}')^*2$



Adjust U so that the unoriented piece is in the front right with the U color on the **right**. Call this the light blue spot.

$(R' D_{fr}' R D_{fr})^*2$

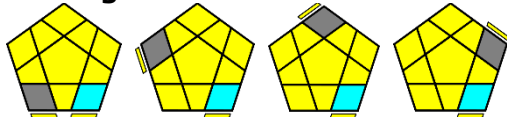
Adjust U so that the 2nd unoriented piece is in the light blue spot

$(R' D_{fr}' R D_{fr})^*2$

Adjust U so that the 3rd unoriented piece is in the light blue spot

$(R' D_{fr}' R D_{fr})^*2$

Orienting an Even Number of Corners



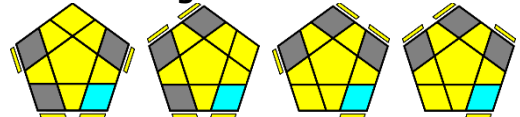
Adjust U so that the piece which needs to be twisted clockwise is in the front right with its U color facing the **front**

$(F D_{fr}^{21} F')(R' D_{fr}^2 R)$

Adjust U so that the piece which needs to be twisted counterclockwise is in the front right with the U color on the **right**

$(R' D_{fr}^{21} R)(F D_{fr}^2 F')$

Orienting 4 or More Corners



Perform combinations of these cases

