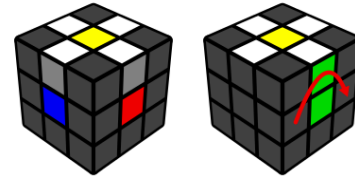
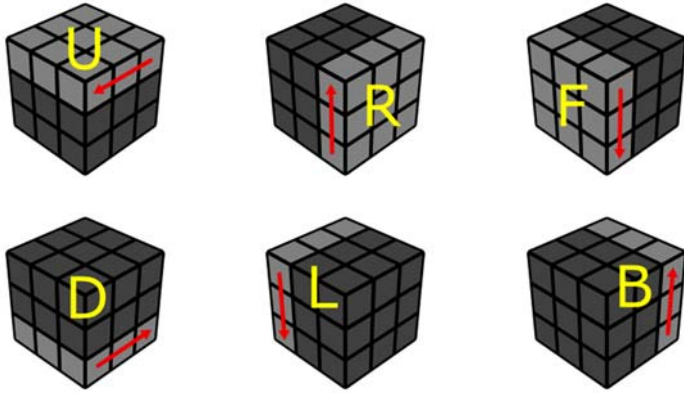
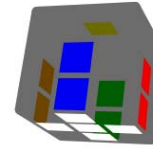


# How to Solve a Rubik's Cube – Cheat Sheet

AlbertaCubers.com Version 1



## 1. Cross



## 2. First Layer Corners



$U' L' U L$



$U R U' R'$



Switch case using  $R U_2 R'$

## 3. Second Layer



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



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

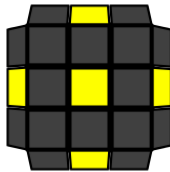
No edges oriented

Two edges oriented

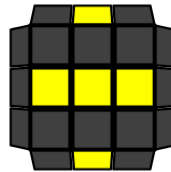
All edges oriented

## 4. Edge Orientation

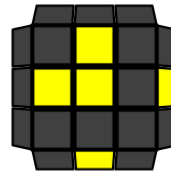
$F R U R' U' F'$



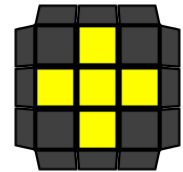
One yellow corner on top



Two yellow corners on top

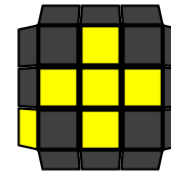
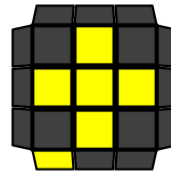
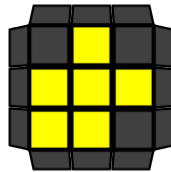


No yellow corners on top

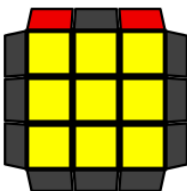


## 5. Corner Orientation

$R U R' U R U_2 R'$



## 6. Corner Permutation



$R' F R' B_2 R F' R' B_2 R_2$

## 7. Edge Permutation



$F_2 U' L R' F_2 L' R U' F_2$   
Equivalently:  $F_2 U' M' U_2 M U' F_2$



$F_2 U L R' F_2 L' R U F_2$   
Equivalently:  $F_2 U M' U_2 M U F_2$