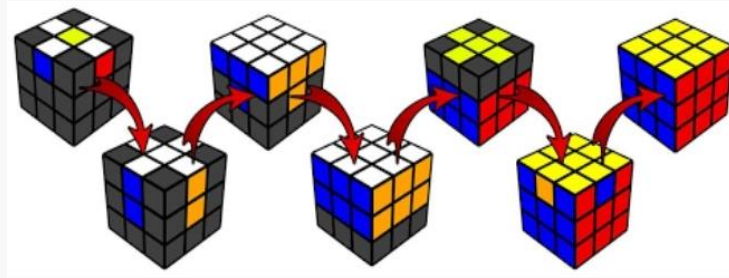


# Solve Rubik Cube easy method by Rishabh Mishra

## 7-Step Guide to solve a Rubik's Cube:

1. Step 1: Create White Cross
2. Step 2: Solve White Corners
3. Step 3: Solve Middle Layer
4. Step 4: Create Yellow Cross
5. Step 5: Solve Yellow corners
6. Step 6: Create headlight
7. Step 7: Solve Final center edges



**Step 1:** Create White Cross: Start with anyone color, let's consider we selected white.

First step is to make white cross but, make sure edges and center colors are matching



**Step 2:** Solve White Corners: complete white face



**Step 3:** Solve Middle (second) Layer

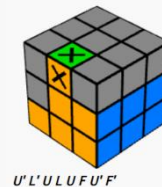
Left Algorithm: **U' L' U L U F U' F'**

Right Algorithm: **U R U' R' U' F' U F**

Left:



Right:



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



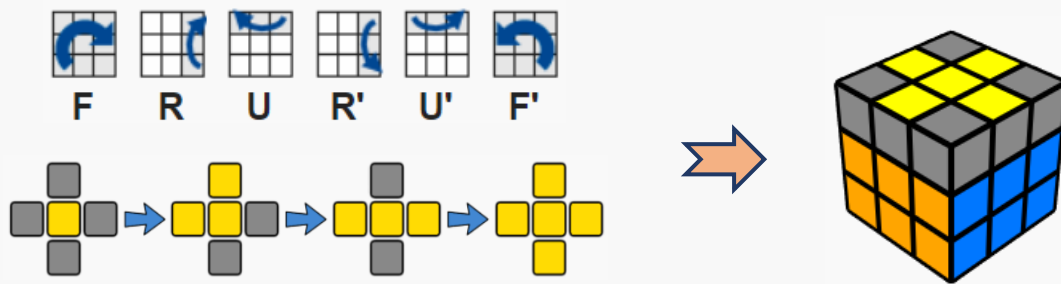
**U R U' R' U' F' U F**

**Step 4:** Create Yellow Cross

Use below algorithm: **F R U R' U' F'**

Start solving the last layer making a yellow cross on the top of the cube.

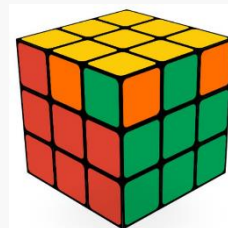
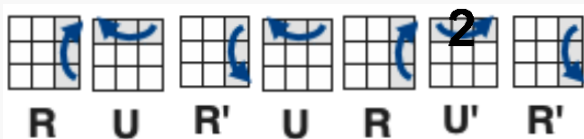
1. When you see a dot you have to apply the algorithm three times. If you have a yellow "L" shape then only twice, holding the cube in your hands as seen on the image below.
2. In case of a horizontal line, you just have to execute the permutation once.



### Step 5: Solve Yellow corners: complete yellow top

Use below algorithm:

$R \ U \ R' \ U \ R \ U^2 \ R'$



Sometimes, this method is not able to solve all corners of yellow face and takes lot of time so, we can use below algorithm:

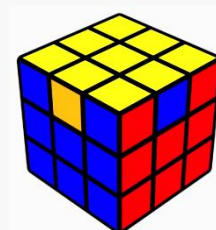
$R \ U \ R' \ U'$

Reverse the cube upside down and use this algorithm. To use this formula, keep yellow color corner piece in front or front-side. Once corner piece goes to its place (bottom yellow face), again follow the above steps

### Step 6: Solve top layer edges to create headlight

Use below algorithm:

$R' \ F \ R' \ B^2 \ R \ F' \ R' \ B^2 \ R^2$



In this step, if we get only one headlight or one complete face solved then keep it in the back and apply the above formula

### Step 7: Solve Final center edges

$(R \ U' \ R \ U) \ R \ U \ (R \ U' \ R' \ U') \ R^2$



Sometimes we need to apply steps multiple times to solve the complete cube

## Quick algorithms:

Step 1: Create White Cross

Step 2: Solve White Corners

Step 3: Solve Middle Layer

Left Algorithm:  $U' L' U L U F U' F'$

Right Algorithm:  $U R U' R' U' F' U F$

Step 4: Create Yellow Cross:  $F R U R' U' F'$

Step 5: Solve Yellow corners:  $R U R' U R U'^2 R'$

Sometimes,  $R U R' U'$

Step 6: Create headlight:  $R' F R' B^2 R F' R' B^2 R^2$

Step 7: Solve Final center edges:  $(R U' R U) R U (R U' R' U') R^2$