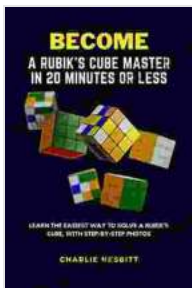


Crack the Cube: Learn the Easiest Way to Solve the Rubik's Cube with Step-by-Step Photos

Are you ready to conquer the iconic Rubik's Cube? With our comprehensive guide, you'll master the puzzle in no time, impressing your friends and family with your newfound skills.



BECOME A RUBIK'S CUBE MASTER IN 20 MINUTES OR LESS: Learn the Easiest Way to Solve a Rubik's Cube, With Step-by-Step Photos by James Ferretti

★★★★☆ 4.8 out of 5

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Step 1: Understand the Cube's Anatomy

Before you start solving, it's crucial to understand the Rubik's Cube's anatomy. It consists of:

- **Centers:** Six fixed center pieces, one on each side of the cube.
- **Edges:** Twelve pieces with two different colors, connecting two centers.

- **Corners:** Eight pieces with three different colors, connecting three centers.



Step 2: Solve the White Cross

Start by solving the white cross on the bottom face. Follow these steps:

1. Hold the cube with the white center facing you.
2. Identify a white edge piece and rotate the top face until it lines up with the corresponding center.
3. Perform the following algorithm: $D L D' L'$ (rotate down, left, down', left') to insert the edge piece.
4. Repeat for the remaining three white edges.



Step 3: Solve the First Layer

Once you have the white cross, solve the remaining edges of the first layer by matching their colors to the corresponding centers. Use the following algorithm:

1. Hold the cube with the edge to be inserted facing you.
2. If the edge is on the left side, perform: $U L U' L'$
3. If the edge is on the right side, perform: $U R U' R'$
4. Repeat for the remaining two edges.

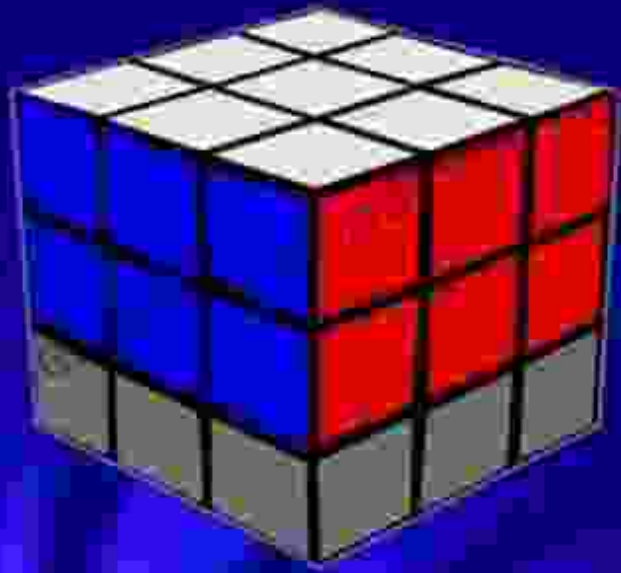


Step 4: Solve the Second Layer

To solve the second layer, you need to insert the edges without moving the top layer. Use this algorithm:

1. Hold the cube with the edge to be inserted facing you.
2. Perform: $D L D' F D L' F' D'$
3. Repeat for the remaining three edges.

Second Layer Tutorial



Step 5: Solve the Yellow Cross

Next, you need to form a yellow cross on the top face. If there is already a yellow cross, skip this step.

1. Hold the cube with the yellow center facing up.
2. If there are no yellow edges, perform: $U R U' R' F R F' R' U' F R F' R'$
3. If there is one yellow edge, perform: $U R U' L' U R' U' L F R F' R'$
4. If there are two yellow edges opposite each other, perform: $F R U R' U' F'$
5. If there are two adjacent yellow edges, perform: $R U R' U' R' F R^2 U' R' U' R' F'$

SOLVE THE TOP LAYER... GET THE YELLOW CROSS

STAGE 5:

Holding Your Cube


- 1) Match the yellow pattern on the top (U) face of your cube to one of the yellow patterns shown on the cubes below.
- 2) Then follow the correct sequence.

Tip:

- Yellow edge pieces on the top (U) face do **NOT** need to match on the side pieces... yet!


1st Step: Make a yellow cross


State 1.



Proceed to the 2nd Step on the next page.


State 2.







Then match the result to State 3 or 4. hold the cube to match that State and do that sequence.


State 3.






State 4.







Your Goal

Step 6: Position the Yellow Corners

Now, you need to position the yellow corners correctly. Follow these steps:

1. Hold the cube with the yellow center facing up and the corner to be positioned facing the front right.
2. Perform: $R U R' U' R U^2 R'$

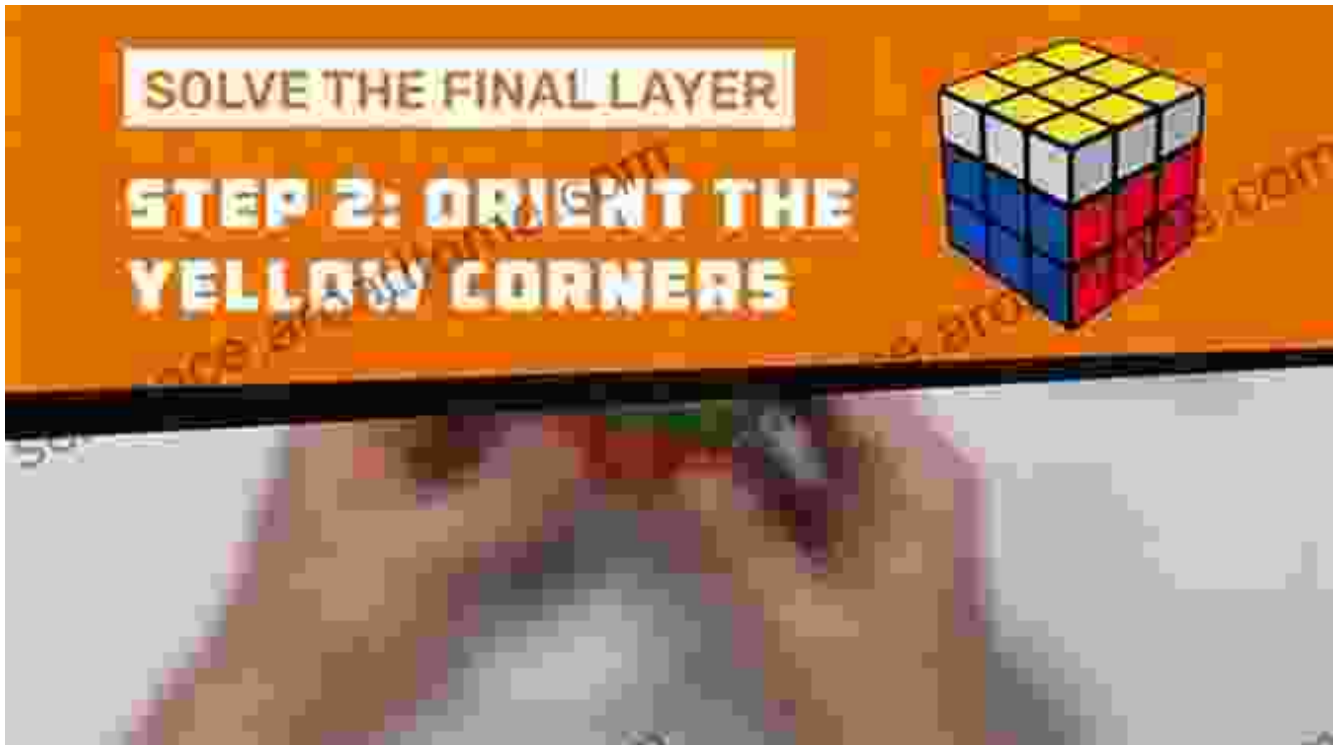
3. Repeat for the remaining three corners.



Step 7: Orient the Yellow Corners

Once the yellow corners are positioned correctly, you need to orient them so that their colors match the corresponding centers. Use this algorithm:

1. Hold the cube with the yellow center facing up and the corner to be oriented facing the front right.
2. Perform: $R U R' U' R' F R^2 U' R' U' R U R' F'$
3. Repeat for the remaining three corners.



Step 8: Permute the Yellow Corners

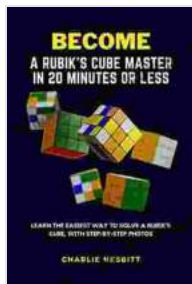
Finally, you need to permute the yellow corners so that they are in their correct positions. Follow these steps:

1. Hold the cube with the yellow center facing up and the corner to be moved facing the front right.
2. Perform: $R U R' U' R' F R F'$
3. Repeat until the corner is in its correct position.
4. Repeat for the remaining three corners.



Congratulations! You've Solved the Rubik's Cube

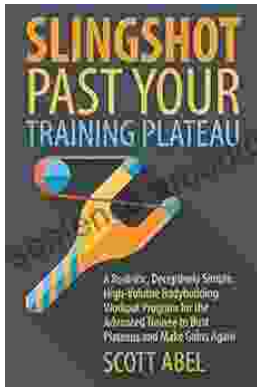
Congratulations! You've successfully mastered the iconic Rubik's Cube. With patience and practice, you can become a pro at solving this mind-bending puzzle.



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