

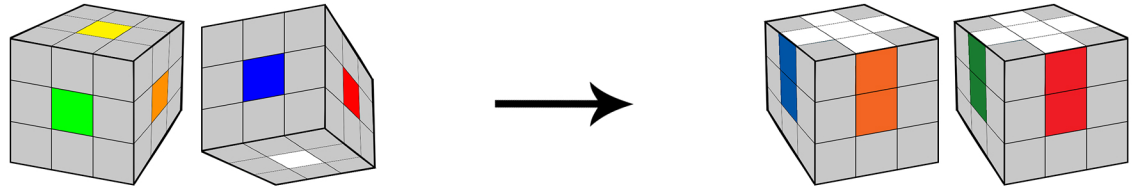
7 Step Rubik's Cube Solution

a step-by-step guide in a recipe format

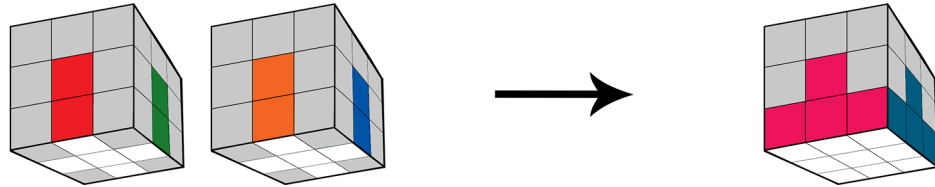
**Note that this solution is well known and widely available.*

Step 1

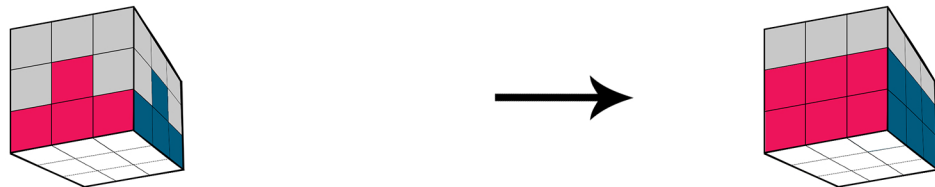
(all mixed up)



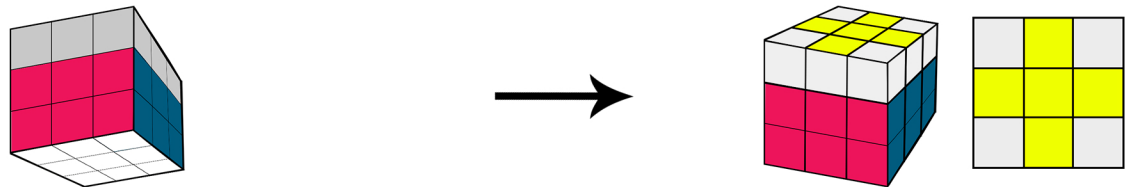
Step 2



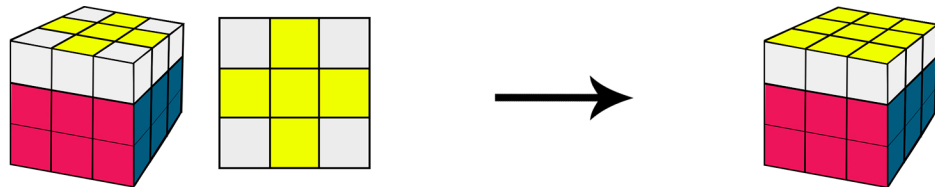
Step 3



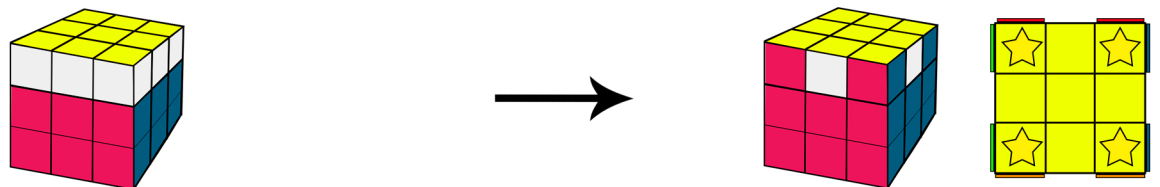
Step 4



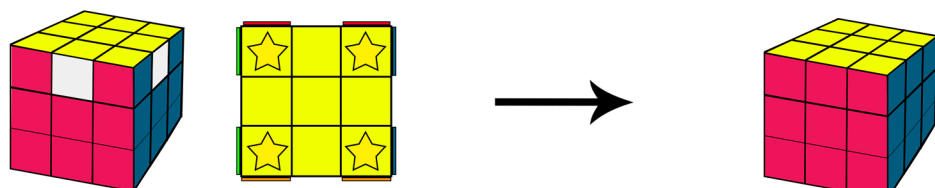
Step 5



Step 6

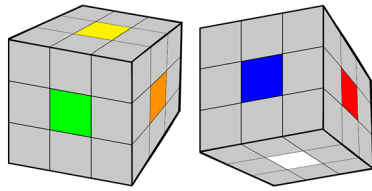


Step 7

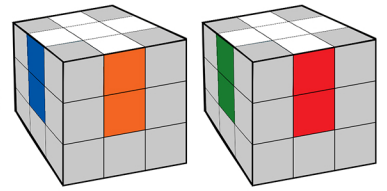


All of the graphics in this pdf have been created and compiled by
Kerry Sheldon / CasualClicks.com

Step 1 ... starting block: (all mixed up)



target block:

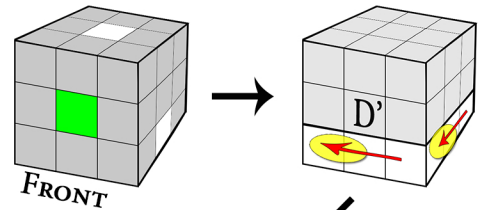


1. Before each step, **FIND YOUR FRONT & KEEP IT FACING YOU** while you are following the recipes. *(It helps to put your thumb on the front middle block.)*
2. Be careful to not flip the cube over during a recipe.
3. Focus on one piece at a time. Find the piece that you want to move and don't worry about the others.
4. To begin, position the cube so the center white piece is on the top. *(For this example we will focus on green & white. You'll follow the same steps for each color.)*

Tips

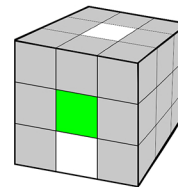
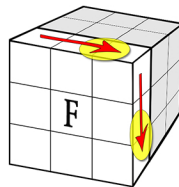
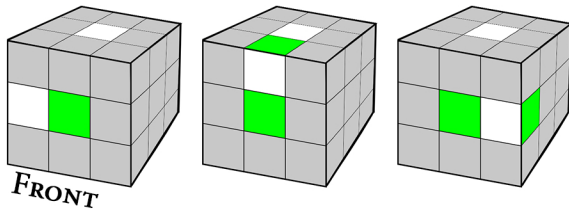
There are hundreds of ways to move blocks. Most of which are probably more efficient than what's presented here. This guide is just meant to help you get started...

Experiment & have fun!

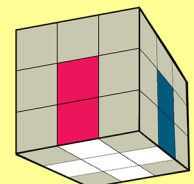
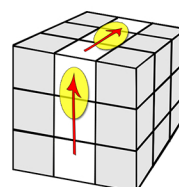
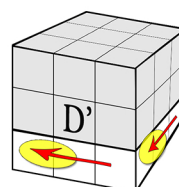
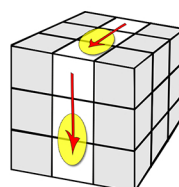
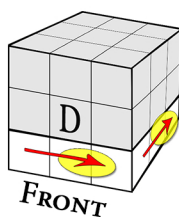
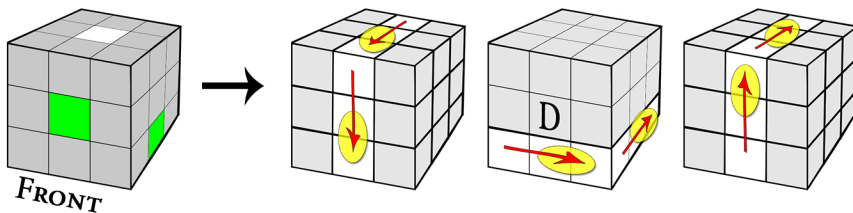


... For all of these ...

rotate **FRONT** until it looks like this:

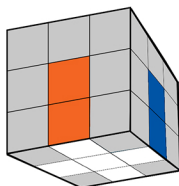
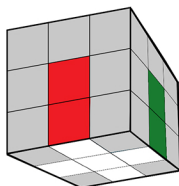


Then do this ...

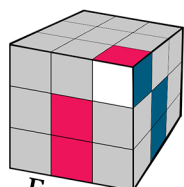
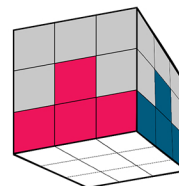


When you are done, flip the cube over so the white cross is on the bottom.

Step 2 ... starting block:

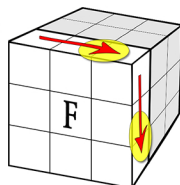
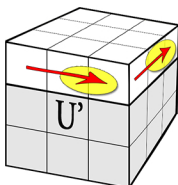
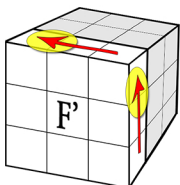


target block:

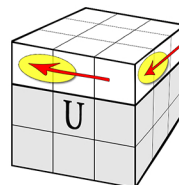


FRONT

... Rotate top layer. If you match this pattern, follow this recipe:

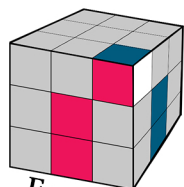


... for State 5 add one more ...



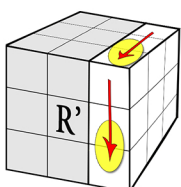
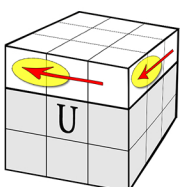
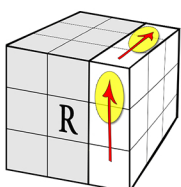
... then do recipe for State 1 again.

State 1

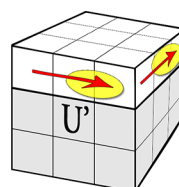


FRONT

... if you match this pattern, follow this recipe:

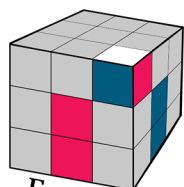


... for State 4 add one more ...



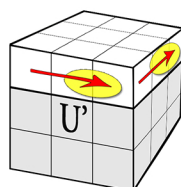
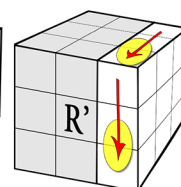
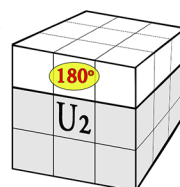
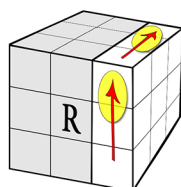
... then do recipe for State 2 again.

State 2



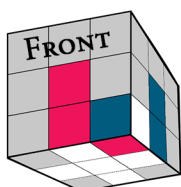
FRONT

... if you match this pattern, follow this recipe:



... then do recipe for State 2.

State 3



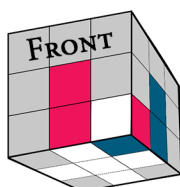
FRONT

... if you match this pattern, do this:

State 4

Follow recipe for State 2, adding the 4th block ...

(This will make it look like State 2 before you repeat the State 2 recipe.)



FRONT

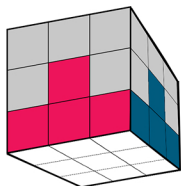
... if you match this pattern, do this:

State 5

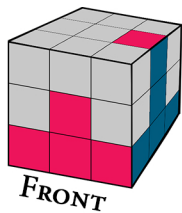
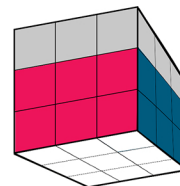
Follow recipe for State 1, adding the 4th block ...

(This will make it look like State 1 before you repeat the State 1 recipe.)

Step 3 ... starting block:

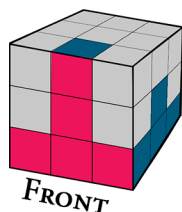
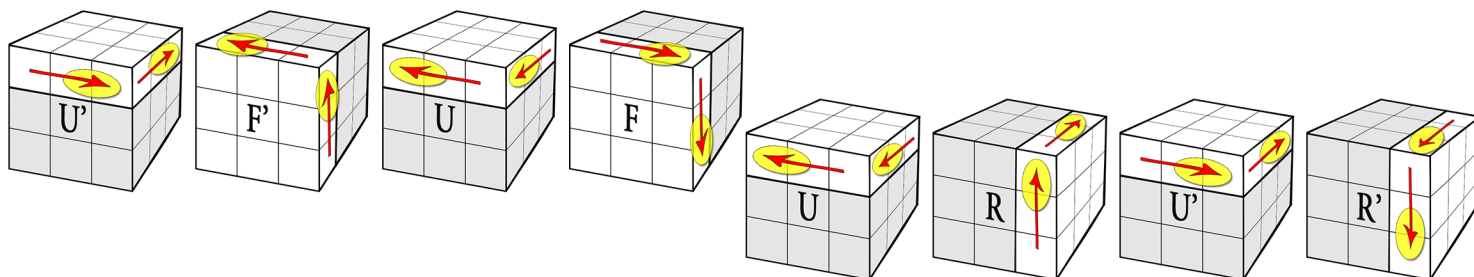


target block:



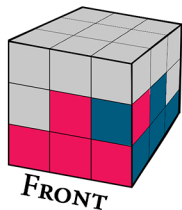
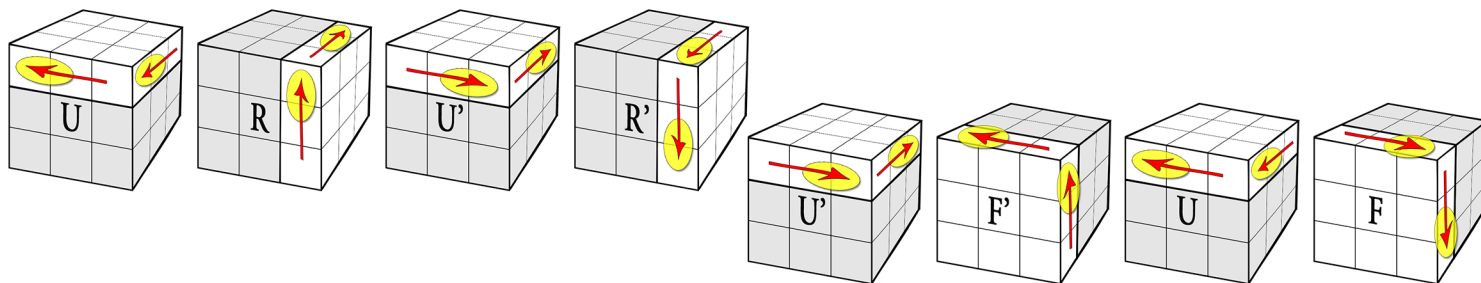
... Rotate top layer. If you match this pattern, follow this recipe:

State 1



... if you match this pattern, follow this recipe:

State 2



... if you match this pattern, (or if the block you need is in this spot), you need to move that block up into the top row, so that it's free to be moved...

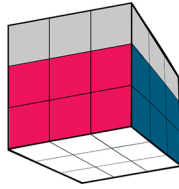
State 3

Do either recipe (for State 1 or 2)...

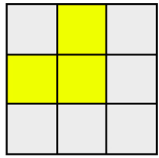
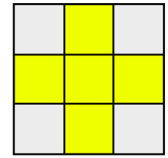
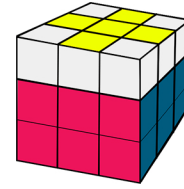
... then decide whether your new position is a State 1 or 2...

(Do the correct recipe.)

Step 4 ... starting block:



target block:

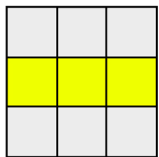
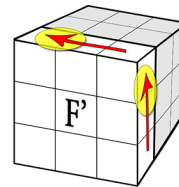
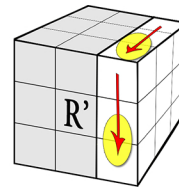
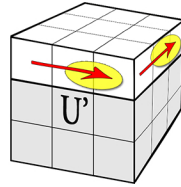
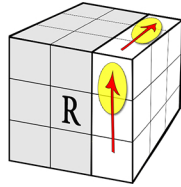
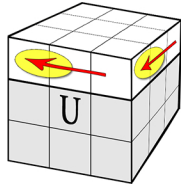
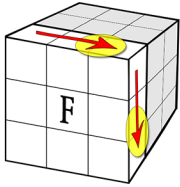


FRONT

... Rotate cube so **THE TOP** aligns with the diagram.
(The top sides & corners don't matter yet.)

If you match this pattern, follow this recipe:

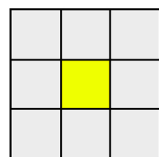
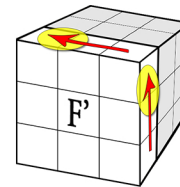
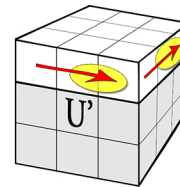
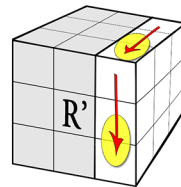
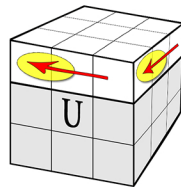
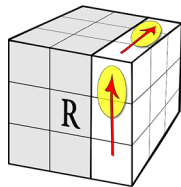
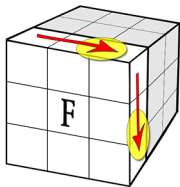
State 1



FRONT

... if you match this pattern,
follow this recipe:

State 2



FRONT

... if you match this pattern ...

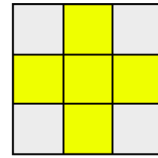
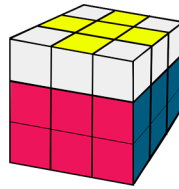
Do either recipe (for State 1 or 2)...

State 3

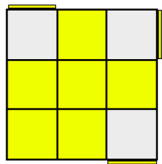
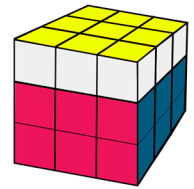
... then decide whether your new position is in State 1, State 2 or the target...

Do the correct recipe, (or move on to Step 5 if you've reached the target.)

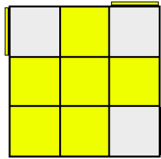
Step 5 ... starting block:



target block:



OR

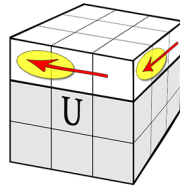
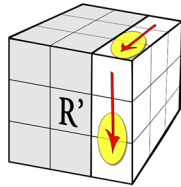
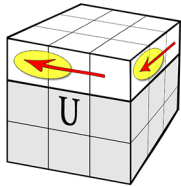
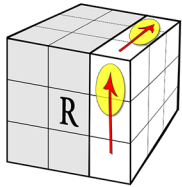


... If **ONE CORNER** is yellow,
turn so it is aligned with the diagram...
and follow this recipe:

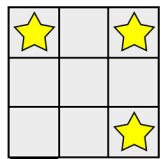
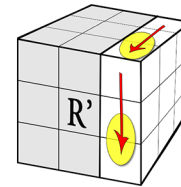
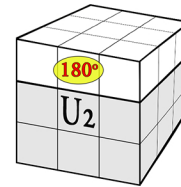
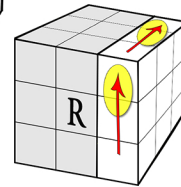
State 1

FRONT

FRONT



(You may need to do this more than once.)



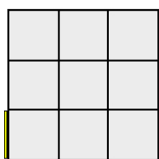
State 2

... If **ANY TWO CORNERS** are yellow,
turn the top layer until a yellow sticker is on
the **bottom left, facing front**...

and follow the State 1 recipe.

FRONT

(You may need to do this more than once.)



State 3

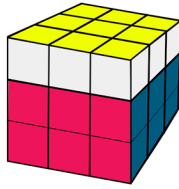
... If **NO CORNERS** are yellow,
turn the top layer until a yellow sticker is on
the **bottom left, facing left**...

and follow the State 1 recipe.

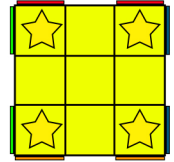
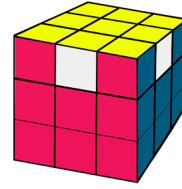
FRONT

(You may need to do this more than once.)

Step 6 ... starting block:



target block:

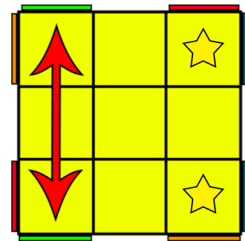


Turn the top layer until **TWO CORNERS** are correctly positioned.
The other two corners will need to be swapped...

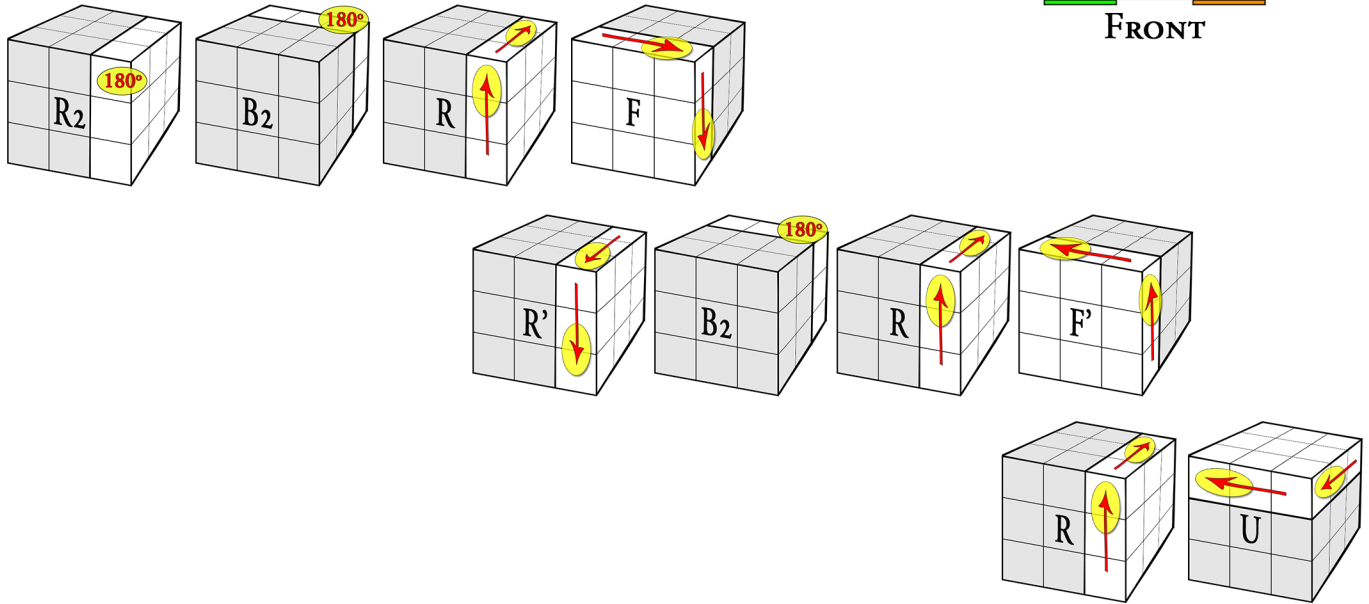
State 1

If the correct corners are on the same side...

Turn the cube so the **two to be swapped** are on the **left side** ...
 ... and follow this recipe:



FRONT



(may need to do this step more than once.)

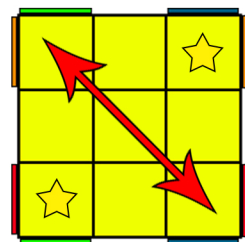
If the correct corners are positioned diagonally from each other...

State 2

Turn the cube so the **two to be swapped** are positioned on the **upper left & lower right corners...**

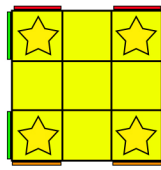
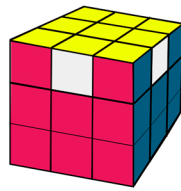
... and follow the recipe for State 1.

*(This may complete Step 6 or ...
 ... it may put your cube into State 1.)*

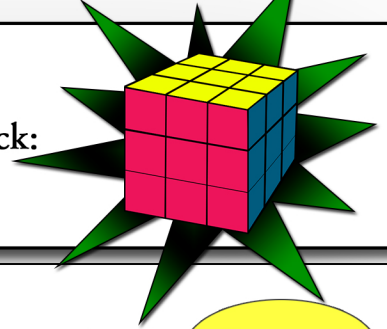


FRONT

Step 7 ... starting block:

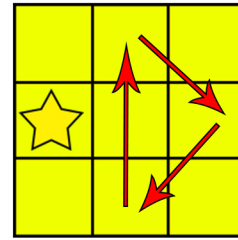


target block:

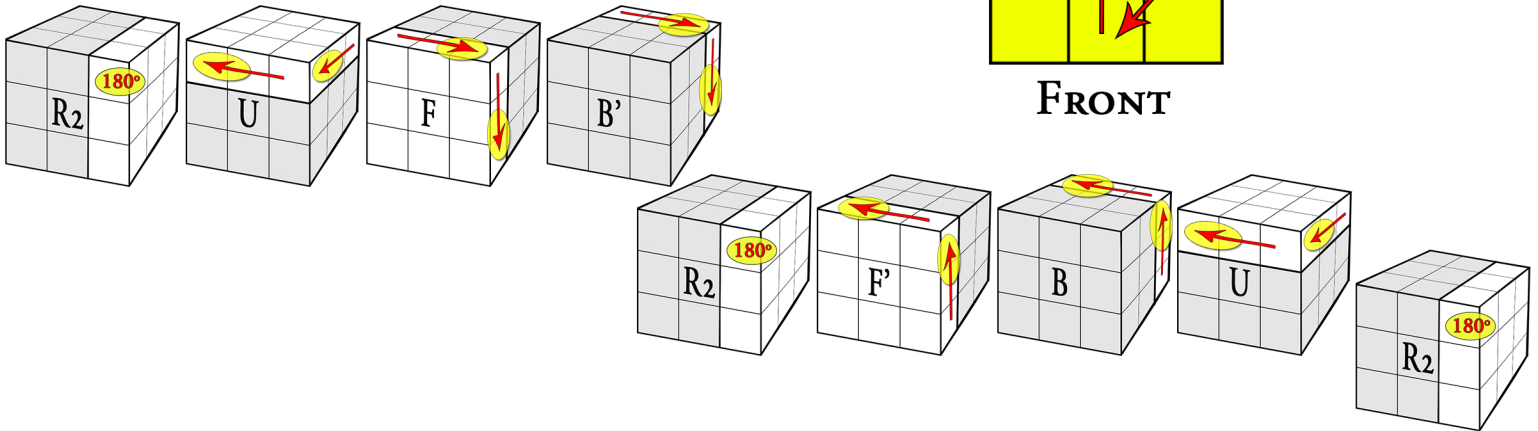


If **ONE TOP CENTER EDGE** is correctly positioned, turn the cube so the **correct edge is on the left**.
 Look at the other three and determine where they belong...
 If you match this pattern, follow this recipe:

State 1

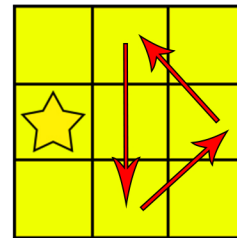


FRONT

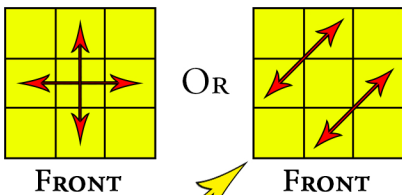
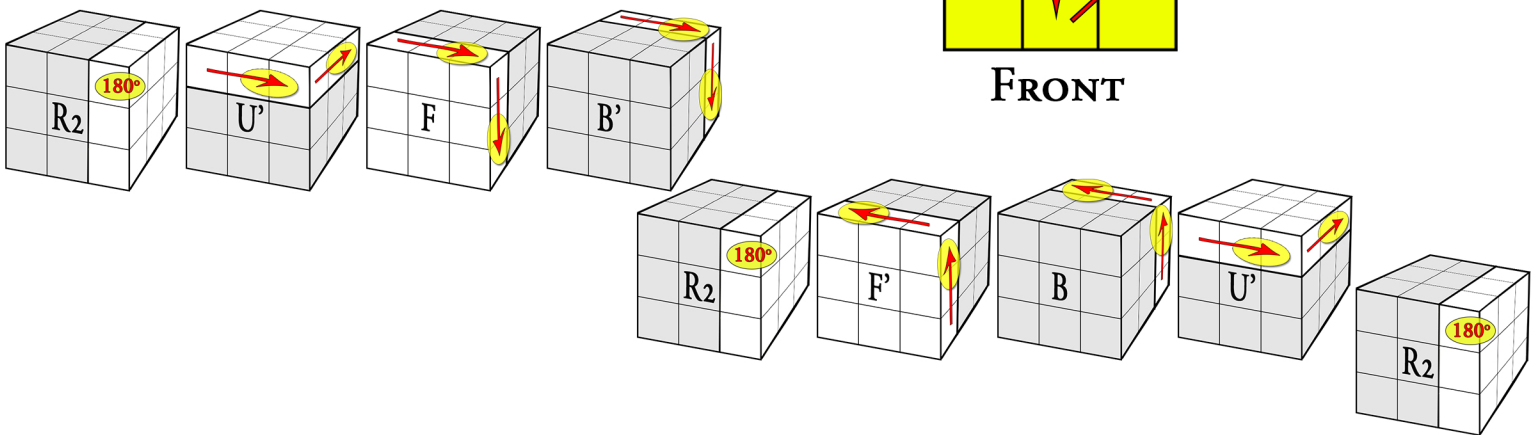


If you match this pattern, follow this recipe:

State 2



FRONT



OR

FRONT

FRONT

... if you match either of these patterns...

States 3 & 4

Do either recipe (for State 1 or 2) ...
 ... then decide whether your new position is a State 1 or 2 ...

(Do the correct recipe)

(If this is your pattern, remember to rotate the cube to match this position.)