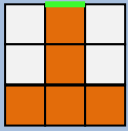


RUBIKS CUBE (T=top, R=Right, L=Left, F=Front, B=Back : All clockwise unless 'a' added)

Do the First Layer (e.g. white), ensure edge pieces are correctly lined-up.

Now turn the cube so that white side is on the bottom. Turn the top layer until the top-centre spot is aligned with the centre spot of the same colour, and the wrong colour is on the top of the centre-edge, e.g.



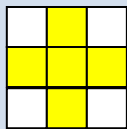
This top-centre square will either need to move to the left-middle or right-middle position. Follow these routines to move this one square in the right direction :

Right : **T R Ta Ra Ta Fa T F**

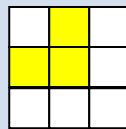
Left : **Ta La T L T F Ta Fa**

Repeat this until the middle row is correct. Occasionally you will have to undo a side in order to shuffle another square onto the top row.

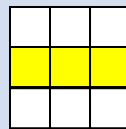
Two rows are now complete, just the top to go! Now look down on the top layer. You will see one of the following patterns for the edge-centre squares :



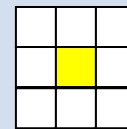
This is good, move to the next section.



F T R Ta Ra Fa



F R T Ra Ta Fa



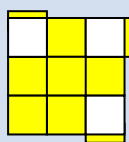
Perform one of the others then look again!

Don't worry about getting the sides right, just get four yellow in a plus arrangement on the top.

Now we want to get the corners into the right places (not necessarily in the right orientation, just in the right corner!) You will find that 2 are in the right place already (rotate the top layer and look carefully at the colours on each corner) To swap 2 corners over put them on the right hand side of the top, then :

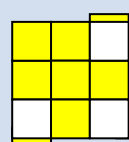
L Ta Ra T La Ta R T2

Now we want to get the yellows colours of corners on the top. These 2 manouevres rotate 3 of the four corners, leaving one unchanged, so several iterations may be necessary! (the white squares will rotate) :



clockwise:

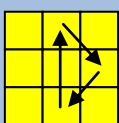
**R T Ra T
R T2 Ra T2**



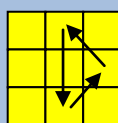
anti-clockwise :

**Ra Ta R Ta
Ra T2 R T2**

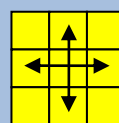
Finally, we need to sort out the top centre edges into the right place.



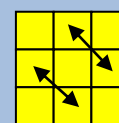
**R2 T F Ba R2
Fa B T R2**



**R2 Ta F Ba R2
Fa B Ta R2**



Do one of the others, then look again!



Do one of the others, then look again!