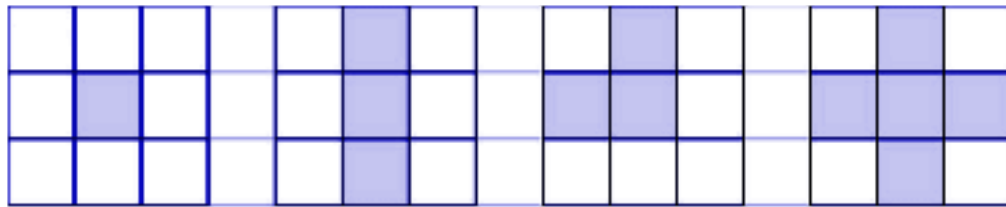


## Rubik's Cube Cheatsheet

Duke Cubing

1. Daisy
  - a. "Intuitive"
2. Cross
  - a. Match and bring down
3. First Layer Corners
  - a. Find white corner in top layer, position properly over slot
    - i. Right Trigger =  $R\ U\ R'$
    - ii. Left Trigger =  $L'\ U'\ L$
  - b. If white on top - (Right Trigger) x2, then a)
  - c. If white corner in bottom layer - Right Trigger, then a)
4. Second Layer Edges
  - a. Look for non-yellow edges (neither sticker is yellow) in top layer, match sticker facing you
  - b. If has to go to the right
    - i.  $U$  + right trigger, 3a)
  - c. If has to go to the left
    - i.  $U'$  + left trigger, 3a)
  - d. If need to take out misplaced/misoriented edge: perform b with edge on your right
5. Yellow Cross (Edge Orientation)



- a.  $F\ U\ R\ U'\ R'\ F'$  to move from dot  $\rightarrow$  line  $\rightarrow$  L  $\rightarrow$  cross
6. Yellow Side (Corner Orientation)
  - a. Position properly and perform  $R\ U\ R'\ U\ R\ U^2\ R'$ 
    - i. One yellow corner on top: place in bottom left
    - ii. Zero or Two yellow corners on top: hold so that yellow sticker on upper-right position of left face
7. Last Layer Corner Permutation
  - a. Position properly and perform  $L'\ U\ R\ U'\ L\ U\ R'\dots R\ U\ R'\ U\ R\ U^2\ R'$ 
    - i. Diagonal - perform from any position
    - ii. Adjacent swap (2/4 corners are correct) - hold correct corners on left
8. Last Layer Edge Permutation
  - a. One edge solved - place in back:
    - i.  $F^2\ U\ R'\ L\ F^2\ L'\ R\ U\ F^2$  (clockwise)
    - ii.  $F^2\ U'\ R'\ L\ F^2\ L'\ R\ U'\ F^2$  (counter-clockwise)
  - b. No edges solved - do ai) (clockwise) from any position
  - c. DONE!