Rubik 3x3x3

6 sides   6 colours
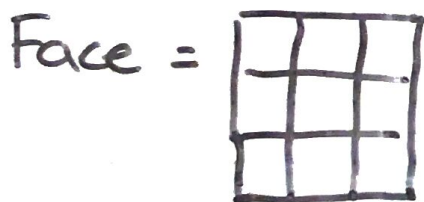
cublets

8 x 3 faced

12 x 2 faced   6 x 1 faced

9 x turns   x, y, z ?

Bi

Multi dimensional array? 3D - 1 wasted

index..

indexs vary on sides

Face =

resembles matrix

FRONT

B	G	R
V	O	Y
R	G	B

EACH Rotation moves 3 values onto the
next face in chain of 4 faces

Column : 1 2 3

Bottom (D)

Back (C)

TOP (B)

FRONT (A)

upward 1 rotation on column 3.

1. ABC copied to (B)
2. DEF copied to (C)
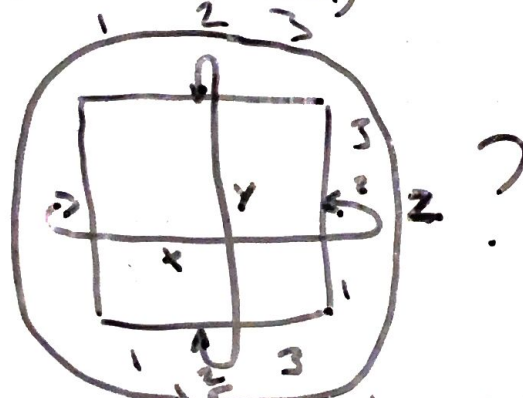3. GHI copied to (D)
4. JKL copied to (A)

Downwards

1. ABC copied to (D)
2. LKJ copied to (C)
3. IHG copied to (B)
4. FED copied to (A)

class Rubix {

    rotation (Axis, Direction, index)

}

ANTI clockwise   clockwise

Class face {

    2D ARRAYS

    copy (FACE, index)

    insert (DATA, INDEX)