

2×2 Cube Notation

2×2 notation is almost the same as 3×3 notation, except:

- no middle layers
- no wide moves
- no centers
- no edge pieces

You only use outer face turns.

Basic Moves

Move	Meaning
R	R ight face
L	L eft face
U	U p face
D	D own face
F	F ront face
B	B ack face

Turn Directions

(In this example will be used the letter R for demonstrational purposes, but this applies to any face turn)

Clockwise

R

Turn the right face clockwise.

Counterclockwise

R'

The apostrophe (') means counterclockwise.

Double Turn

R2

180° turn.

Cube Rotations

Rotation	Meaning
x	rotate cube upwards (follow the R direction)
y	rotate cube to the left (follow the U direction)
z	rotate cube clockwise (follow the F direction)

Analogically, there are also **x'** and **x2**, **y'** and **y2**, **z'** and **z2** which are straightforward.