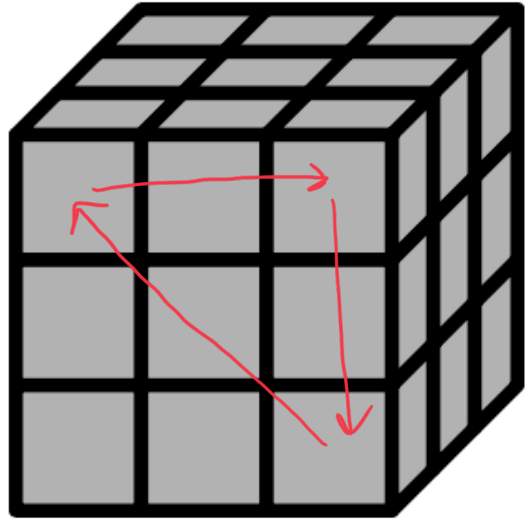


Corner Moves

$$CR = U^{-1}R^{-1}D^{-1}RUR^{-1}DR$$

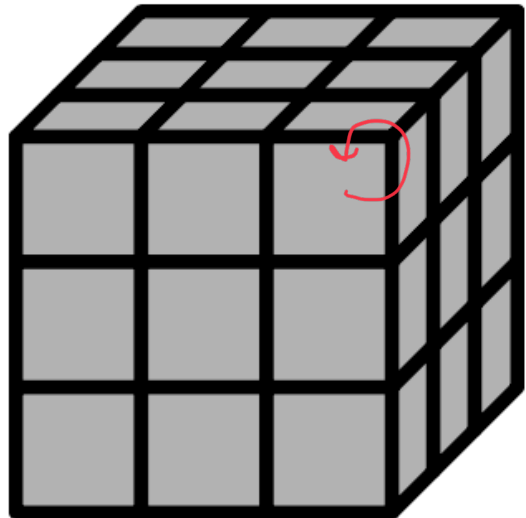
Moves:

$$frd \rightarrow flu \rightarrow fru \rightarrow frd$$



$$CO = (R^{-1}D^2RB^{-1}U^2B)^2$$

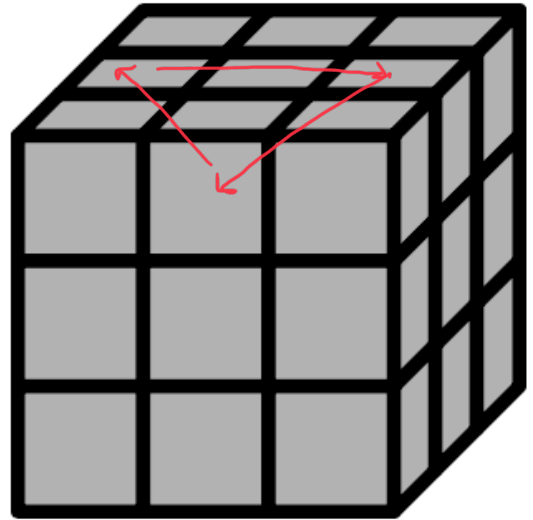
Reorients: *fru* and *bld*



Edge Moves

$$ER = M_R^2 U^{-1} M_R^{-1} U^2 M_R U^{-1} M_R^2$$

Moves: $fu \rightarrow lu \rightarrow ru \rightarrow fu$



$$EO = (M_R U)^3 U (M_R^{-1} U)^3 U$$

Reorients: fu and bu

