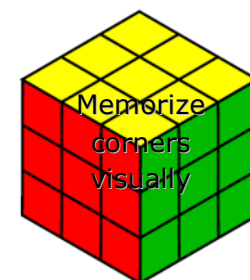
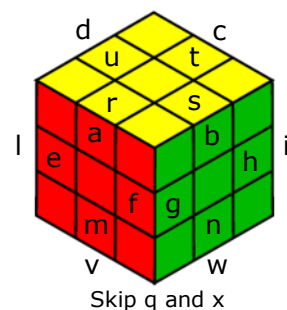
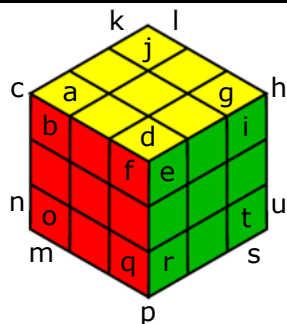
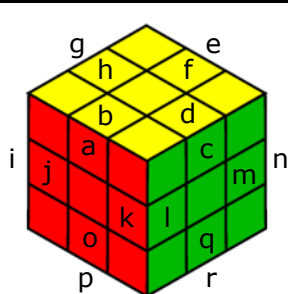


Piece			Image			Piece			Image		
Y/R		UF	Year, Your, Yerba maté	Lisa Simpson		R/Y		FU	Rice	Stop street light	
Y/G		UR	Ignite	Ned Flanders		G/Y		RU	Gym, Gynecology	Go street light	
Y/O		UB	Yo!			O/Y		BU	Oy Vey, Oil		
Y/B		UL	YellowBook, Yellow Brick road	Marge Simpson		B/Y		LU	Boy	Hot smurf	
R/B		FL	Rubber, Robocop, Robot	Republican		B/R		LF	Breasts, Bear, Brain, Brick	Papa smurf/Superman/Democrat	
R/G		FR	Rig	Christmas bow		G/R		RF	Grad, Great, Granny	Christmas tree	
O/G		BR	Original Gangsta, Ogre,			G/O		RB	GO!, Gong		
O/B		BL	Obelisk, Oboe			B/O		LB	Body Odor		
W/R		DF	Wide receiver, Wrestler			R/W		FD	Row, Rewritable	Hot santa	
W/G		DR	Wig	Snow Covered Pine tree		G/W		RD	Ghost Wagon, Gown	Pine tree with melting snow	
W/O		DB	Woman, Whiteout, Wolf			O/W		BD	Ow!, Owl		
W/B		DL	Web, W.E.B. Du Bois			B/W		LD	Bowling, Bow	Wussy smurf	



Note – these are just examples of how you can memorize each piece

Edges			Corners		
T		$(R\ U\ R'\ U')(R'\ F)(R^2\ U')(R'\ U'\ R\ U)\ R'\ F'$	Y		$F\ (R\ U')(R'\ U'\ R\ U)(R'\ F')(R\ U'\ R'\ U)\ R'\ F\ R\ F'$ Note – first and last F's are optional depending on target location
Ja		$y^2\ (R\ U')(L'\ U)(R'\ U^2)(L\ U')(L'\ U^2)\ L\ y^2$ $y'\ (R'\ U\ L')\ U^2\ (R\ U'\ R')\ U^2\ (R\ L\ U')\ y$	Ja		$y'\ (R\ U')(L'\ U)(R'\ U^2)(L\ U')(L'\ U^2)\ L\ y$ $(R'\ U\ L')\ U^2\ (R\ U'\ R')\ U^2\ (R\ L\ U')$
Jb		$(L'\ U)(R\ U')(L\ U^2)(R'\ U)(R\ U^2)\ R'$ $(R\ U\ R')\ F'\{(R\ U'\ R'\ U')(R'\ F)(R^2\ U'\ R')\ U'\}$	Jb		$y^2\ (L'\ U)(R\ U')(L\ U^2)(R'\ U)(R\ U^2)\ R'\ y^2$ $y^2\ (R\ U\ R')\ F'\{(R\ U'\ R'\ U')(R'\ F)(R^2\ U'\ R')\ U'\} y^2$
		$(M'\ U\ M'\ U\ M')\ U^2\ (M\ U\ M\ U\ M)\ U^2$ UL, UB, DF, DB - $(M'\ U)*4$	ULF		$(RUR'U')(RUR'U')\ L'\ (URU'R')(URU'R')\ L$
			ULF'		$(URU'R')(URU'R')\ L'\ (RUR'U')(RUR'U')\ L$
Parity Fixes					
Ra		$y'\ (L\ U^2)\ (L'\ U^2)(L\ F')(L'\ U'\ L\ U)(L\ F\ L^2\ U)\ y$ $U\ (R\ U^2\ R')\ U^2\ (R\ B')(R'\ U'\ R)\ U\ R\ B\ R^2$			
M ² Parity		$(r^2\ U'\ r^2)(R'\ U)(L'\ U^2)(R\ U'\ R'\ U^2\ R)(L\ U')(r^2\ U)$ $(U'\ F^2\ U\ M^2\ U'\ F^2\ U) + R\ Perm\ (U\ R\ U^2\ R'\ U^2\ R\ B'\ R'\ U'\ R\ U\ R\ B\ R^2)$			

Edge			T Setup	3 Algs Setup	M ² Setup	Edge			T Setup	3 Algs Setup	M ² Setup
Y/R		UF	R ² U R ²	Jb	U ² M' U ² M'	R/Y		FU	I D' L ²	I' Ja I	U ² M' U ² M'
Y/G		UR	buffer	buffer	R' U R U' M ² U R' U' R	G/Y		RU	-	-	x' U' R U M ² U' R' U x
Y/O		UB	R ² U' R ²	Ja	M ²	O/Y		BU	I' D L ²	I Jb I'	M ²
Y/B		UL		T	L U' L' U M ² U' L U L'	B/Y		LU		L d' L T L' d L'	x' U L' U' M ² U L U' x
R/B		FL		L' T L	U' L' U M ² U' L U	B/R		LF		d' L T L' d	x' U L ² U' M ² U L ² U' x
R/G		FR		d ² L T L' d ²	U R U' M ² U R' U'	G/R		RF		d' L' T L d	x' U' R ² U M ² U' R ² U x
O/G		BR		d ² L' T L d ²	U R' U' M ² U R U'	G/O		RB		d L T L' d'	I U' R' U M ² U' R U I'
O/B		BL		L T L'	U' L U M ² U' L' U	B/O		LB		d L' T L d'	r' U L U' M ² U L' U' r
W/R		DF		D' L ² T L ² D	Buffer	R/W		FD	F L' F'	I' Jb I	-
W/G		DR		D ² L ² T L ² D ²	U R ² U' M ² U R ² U'	G/W		RD	D' F L' F'	D' I' Jb I D	x' U' R' U M ² U' R U x
W/O		DB		D L ² T L ² D'	M U ² M U ²	O/W		BD	B' L B	I Ja I'	M U ² M U ²
W/B		DL		L ² T L ²	U' L ² U M ² U' L ² U	B/W		LD	L' d' L	D I' Jb I D'	x' U L U' M ² U L' U' x

Corner				UFR Y Setup	3 Algs Setup	DFR Setup	Corner				Y Setup	3 Algs Setup	DFR Setup
1	Y/R/B		UFL	F ² D' F ² Y F ² D' F ²	Jb	F ² Y F ²	5	W/B/R		DLF		F ² Y F ²	D Y D'
	B/Y/R		LUF		F Y F'	F' D Y D' F		R/W/B		FDL		D F' Y F D'	F ² R' Y R F ²
	R/B/Y		FLU	F ² R Y F ² R	F R Ja R' F'	F R' Y R F'		B/R/W		LFD	D R Y D R	F Jb F'	F' Y F
2	Y/G/R		URF		Y	L ² D' Y D L ²	6	W/R/G		DFR	D R ² Y D R ²	R ² Ja R ²	-
	R/Y/G		FUR	R ² D F' Y R ² D F'	R Ja R'	R' Y R		G/W/R		RDF		F' Y F	R F Y F' R'
	G/R/Y		RFU	F ² R Y F ² R	F' Jb F	F Y F'		R/G/W		FRD		R Y R'	F' R' Y R F
3	Y/O/G		UBR	R D F' Y R D F'	Ja	R ² Y R ²	7	W/G/O		DRB		R ² Y R ²	D' Y D
	G/Y/O		RUB	R D R Y R D R	R' F' Jb F R	R' F Y F' R		O/W/G		BDR	D ² F ² Y D ² F ²	R' Ja R	R Y R'
	O/G/Y		BRU		R' Y R	R D' Y D R'		G/O/W		RBD		D' R Y R' D	R ² F Y F' R ²
4	Y/B/O		ULB		buffer	buffer	8	W/O/B		DBL	D R ² Y D R ²	D ² R ² Ja R ² D ²	D ² Y D ²
	O/Y/B		BUL		-	-		B/W/O		LDB		D ² F' Y F D ²	D' R Y R' D
	B/O/Y		LBU		-	-		O/B/W		BLD	R' D ² R Y R' D ² R	D F Jb F' D'	D F' Y F D'

Edges			Corners		
T		(R U R' U')(R' F)(R ² U')(R' U' R U) R' F'	Y		F (R U')(R' U' R U)(R' F')(R U R' U') R' F R F'
Ja		y ² (R U')(L' U)(R' U ²)(L U')(L' U ²) L y ² y' (R' U L') U ² (R U' R') U ² (R L U') y	Ja		y' (R U')(L' U)(R' U ²)(L U')(L' U ²) L y (R' U L') U ² (R U' R') U ² (R L U')
Jb		(L' U)(R U')(L U ²)(R' U)(R U ²) R' (R U R' F') {(R U R' U')(R' F)(R ² U' R') U'}	Jb		y ² (L' U)(R U')(L U ²)(R' U)(R U ²) R' y ² y ² (R U R' F') {(R U R' U')(R' F)(R ² U' R') U'}
UF, UB UL, UB, DF, DB		(M' U M' U M') U ² (M U M U M) U ² (M' U)*4	ULF ∪ ULF' ∪		(RUR'U')(RUR'U') L' (URU'R')(URU'R') L (URU'R')(URU'R') L' (RUR'U')(RUR'U') L
Parity Fix					
Ra		y' (L U ² ')(L' U ² ')(L F')(L' U' L U)(L F L ² U) y			
M ² Parity		(r ² U' r ²)(R' U)(L' U ² ')(R U' R' U ² R)(L U')(r ² U) (U' F ² U M ² U' F ² U) + R Perm (U R U ² R' U ² R B' R' U' R U R B R ²)			