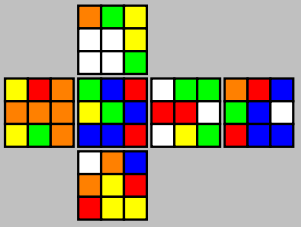
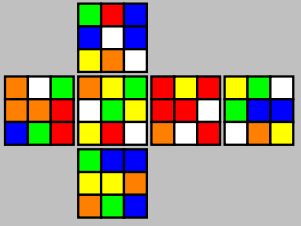
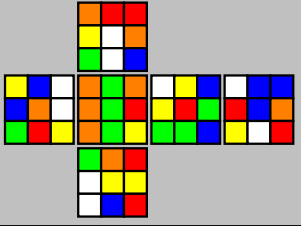
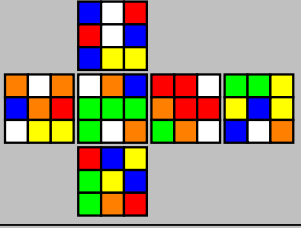
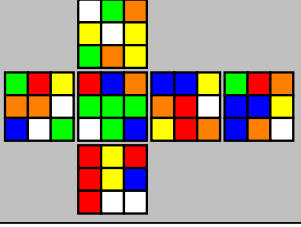
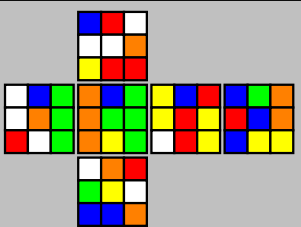
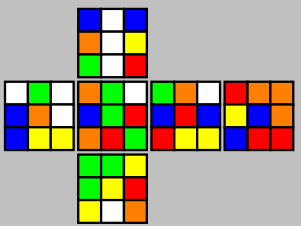
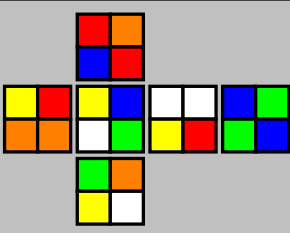
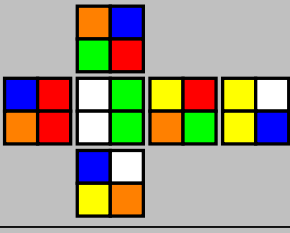
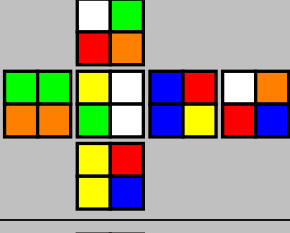
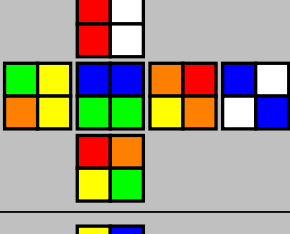
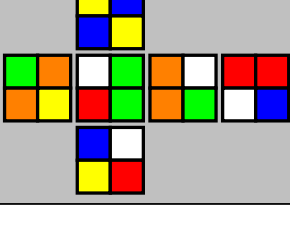
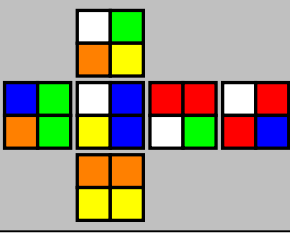
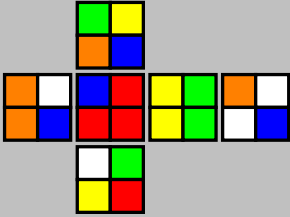
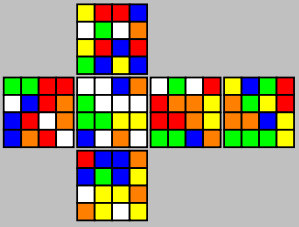
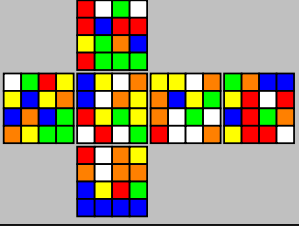
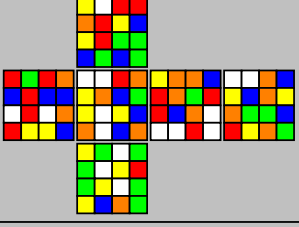
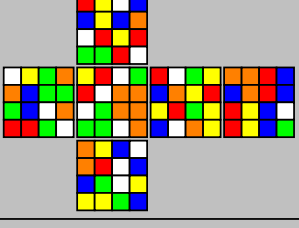
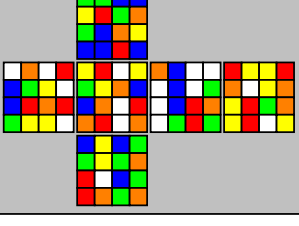
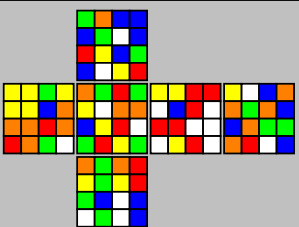
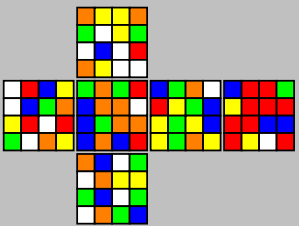


1.	L2 D R' L2 F' L2 D2 F D B2 U2 R L2 F2 B2 D2 L2 U2 R	
2.	D2 F R2 F2 U2 F L2 R2 F' U2 L R' D B' L2 F' D' F L2 U2	
3.	B2 L' D2 L' F2 U2 F2 R' D' L' F' U' F L' F' D2 F D2 B	
4.	D2 R2 L' U L2 B2 D' R' U2 F' R2 L2 D2 L' U2 F2 R' U2 F2	
5.	R' F2 L2 R' U2 R' F L2 F' L2 R2 D B2 D2 F R2 F'	
Extra scrambles		
E1.	F2 D2 R2 D' F2 D R2 U' B R' D' R2 B F2 D2 F' R' B' R	
E2.	D' L2 F' B U R D' F L U2 F' L B2 U2 B2 R2 D2 L U2 D2	

1.	$R' F U' R U^2 R' U^2 R^2 F' R' U$	
2.	$R' F U^2 F R^2 F' U^2 R' U R F$	
3.	$R' U R^2 U' R' F' U' F R U R$	
4.	$U^2 R^2 F R U^2 R U' F U^2 R U'$	
5.	$R' U' F U^2 F U' R' F' U' R F$	
Extra scrambles		
E1.	$U R' U^2 F U' F' R^2 F' R' U^2 R$	
E2.	$U^2 R U^2 R' U' R U' F R F U'$	

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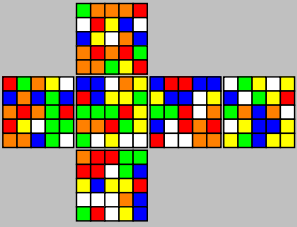
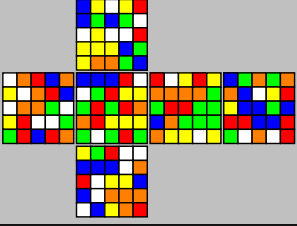
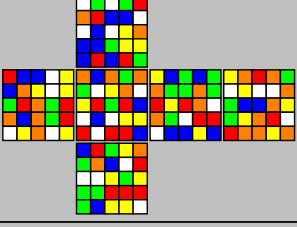
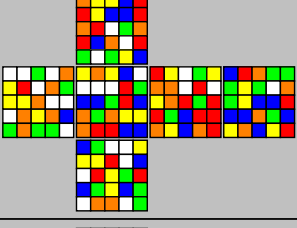
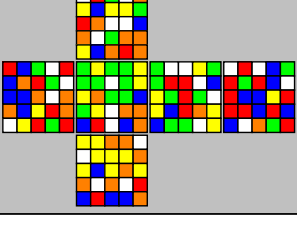
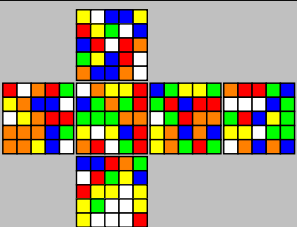
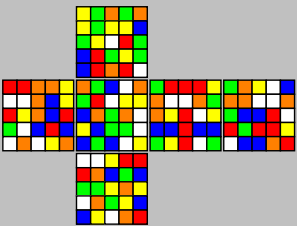
4x4x4 Cube Round 1
NU_CUBING_12-27-2015

1.	R2 U2 L2 R F2 D2 L' R' F2 U' B' R U2 B2 R' D2 R U' R D' Fw2 Rw2 B R Fw2 Uw2 U2 L2 F U2 B' R' Uw' L' Uw' L D' F' Fw' R Uw' R' Fw' Rw U	
2.	F' D' F2 R' B' R U2 F L2 D' B' R' B2 D2 L R2 B2 R2 B2 R' Rw2 D L' Fw2 Uw2 U D2 L' R D' Rw2 D2 Fw' B U' B' Rw2 Fw' B R Uw Fw2 Rw' U' Fw2	
3.	U L2 B2 D F2 L2 F2 D' U2 L F R' D' L2 D' R2 U2 F U Uw2 Rw2 L' U L B2 U' Rw2 F2 Rw2 Fw2 D' R Fw' U' D F L' R' Rw Uw' Fw' U Rw Fw' U2	
4.	L2 D2 U2 B R2 D2 B L2 B L' R2 U' L' R D2 B2 D' L2 R2 Fw2 Uw2 L2 F' U2 Rw2 R2 F' L2 U F Rw D L' Fw2 L U' Rw R' Uw Fw' L2 Fw2 R	
5.	U2 B' R2 B' D2 F U2 F D2 L2 F2 L D B' F' L D F R D2 F' Fw2 R B Uw2 Rw2 L' B' Uw2 L' Uw2 U2 B' U2 Uw' D R' F' Rw' Fw Rw2 U2 R' Fw' Uw2 U'	
Extra scrambles		
E1.	D' B U' R' U2 R' D F L D B2 U' F2 D R2 B2 L2 U2 Rw2 Fw2 R2 D F' Uw2 U2 R2 B U' D2 B2 Rw' D Fw2 U Uw' R U' Rw2 Uw' R' Uw	
E2.	R2 L2 F L2 F' U2 L2 D2 F D2 B U R L2 D L U L U2 L' Fw2 R' D2 R Uw2 U' L D U' Fw2 Rw2 R' D Fw' U D' Fw' B2 U' Rw U' R' Fw' Rw' Uw' D	

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5x5x5 Cube Round 1

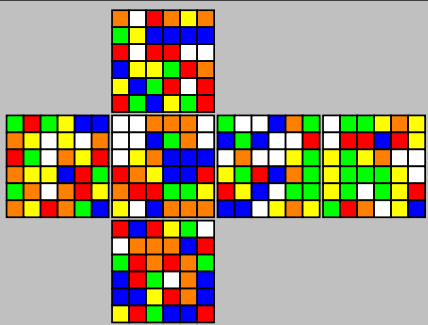
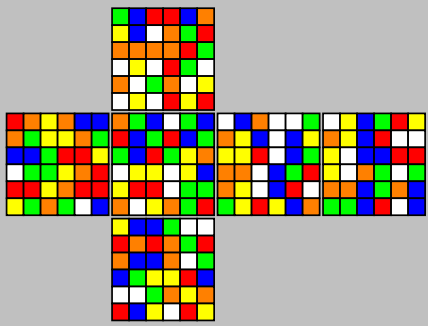
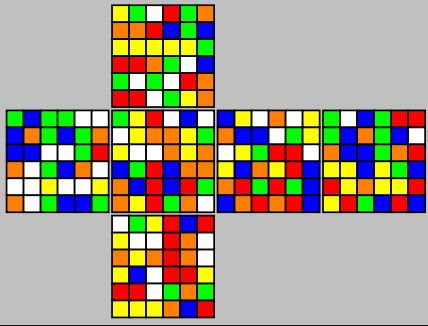
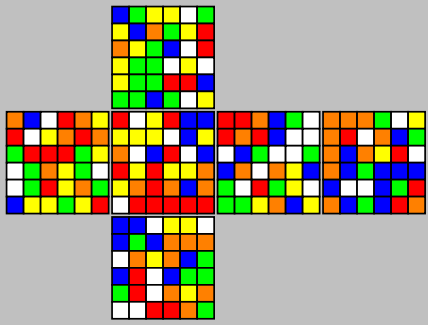
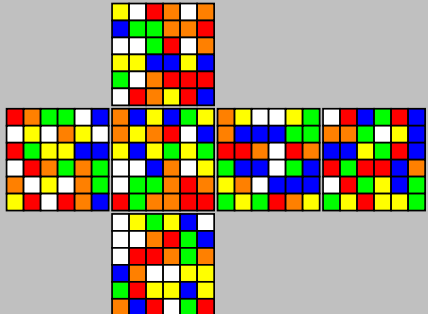
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1.	F2 Uw Rw' Bw F Fw2 U2 Dw L Uw2 L' Fw' Dw' Lw' Uw U2 Rw B L' U Dw' L' Dw Uw' F R' Bw' R2 U Rw2 B2 Uw' F' B2 Rw2 U' R' L Bw2 D2 L2 Bw F D2 R2 L2 Rw B2 L' Bw' Dw2 Uw' L B Rw' Fw' Rw' Lw' F Dw	
2.	L2 Lw B2 F Rw2 Fw2 Dw2 Bw' Uw' B' R' Lw Fw' B Uw' Bw Rw R2 Bw' B Dw Lw' F2 D' L2 D2 F' Uw D' Bw R' U2 D2 Fw2 Rw2 Fw' Lw L' Bw B2 U' Dw' Lw F R2 D' L2 D Bw R L Rw F2 Bw Rw' R' Fw Uw U2 D2	
3.	Uw2 B Uw Fw' U L' Dw2 B2 Rw2 L Lw2 R2 U2 Fw2 F' U2 Fw2 R2 Fw2 Dw' Fw' Uw Rw Lw2 Uw Dw' D2 Bw2 B Lw' Dw' F U2 L2 Rw Lw2 D' Dw2 B2 Fw' D Lw2 Rw' D R2 Rw' U2 D' Rw' B F' R Uw Dw2 Fw F' L Fw' L D	
4.	L2 B Rw' B2 Dw2 Uw Lw L' Fw R2 Lw F Fw' Lw2 U' D2 Bw Rw' Lw' F' L' Rw2 Dw2 B Rw2 Bw U' Uw2 Rw2 L' Dw' Rw' R2 B Lw2 U' Uw D2 F' D' Fw' Bw2 Rw Fw2 F2 B D B' Fw2 Bw' L' U' B' Uw Bw2 L' Rw2 Uw' Dw2 Rw2	
5.	L F' D B' L Lw D Rw2 Bw Fw2 R2 F Lw2 Rw Uw2 U Dw Bw F2 L' Bw Lw' R' Bw' R Dw2 Uw' Bw D' Fw2 U2 D' Lw D' Fw' Rw' Dw' B U Lw' Fw Uw' Bw2 R2 Uw' Rw' R U' R D2 R B' R' L2 Lw' U' F' U' F R'	
Extra scrambles		
E1.	Lw2 U2 L' D2 Fw Uw' L' D' L' Fw2 Rw' Uw' Rw U2 Lw D2 Rw R Uw' Dw' Bw2 Lw Rw' B2 R' F Lw' Bw2 Rw2 F2 Bw' Lw2 D B R2 U L2 F Fw D' L Rw2 Bw2 D' U' Dw Rw' Uw2 Rw' Bw2 B2 Dw' Fw2 D2 R2 Bw2 Lw' L2 U' L	
E2.	Rw2 Lw' Bw L2 Bw2 R F' R' Lw2 Dw2 Uw2 U' R2 L2 Fw B L' Uw2 D' R Dw D' F Fw' Dw' Rw' Bw' Lw' Dw2 L' Lw B2 F2 Rw' Dw L2 F U2 Rw' D' Bw2 Lw U' B' U2 Rw2 Dw2 F2 Lw2 B F2 Uw' Dw' Rw' U2 Bw D R D F	

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6x6x6 Cube Round 1

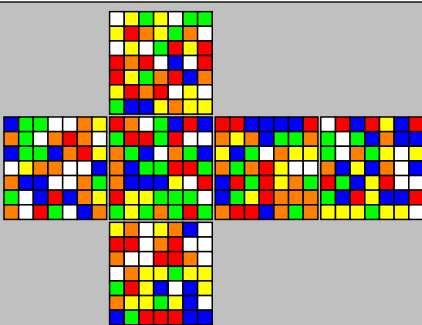
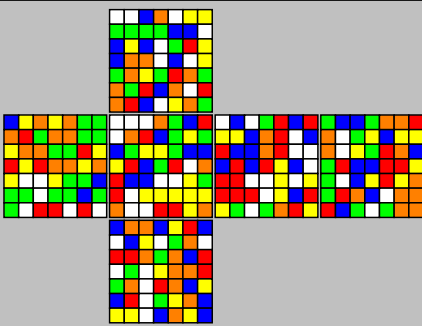
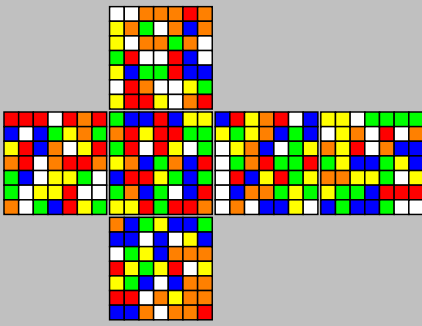
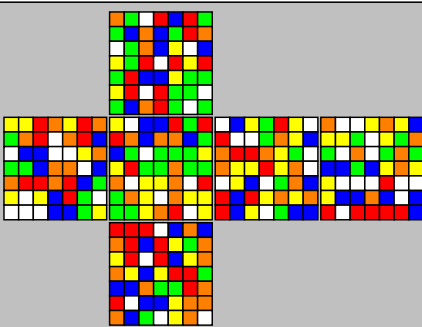
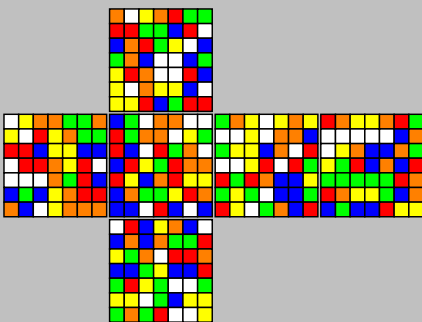
NU_CUBING_12-27-2015

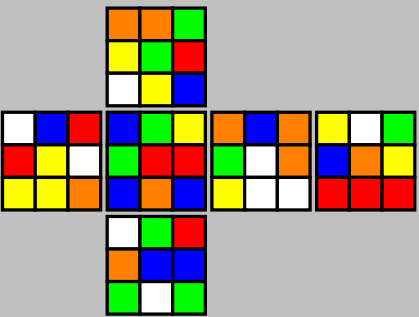
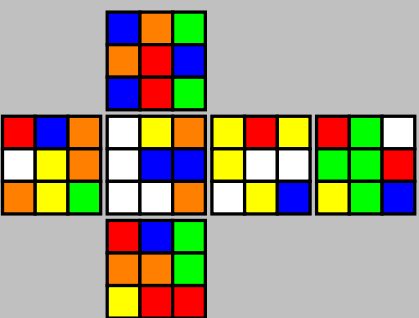
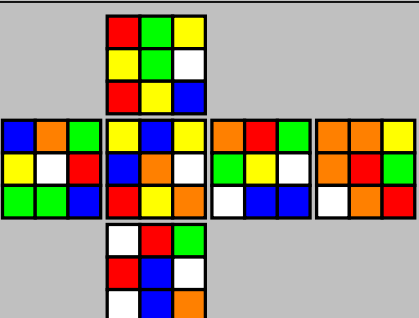
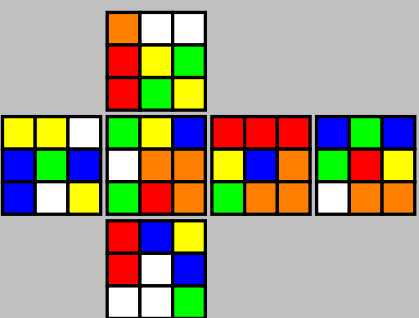
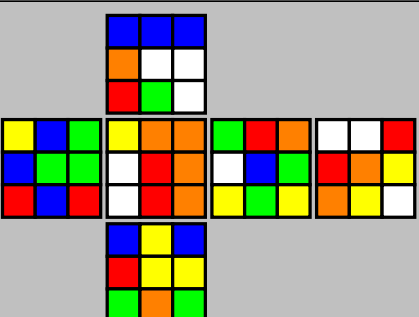
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	R	3Rw'	3Fw2	Lw2	3Rw2	3Fw'	3Rw'	U'	Rw2	
	Dw2	Lw'	Uw'	R2	Bw2	Rw2	U2	3Fw	F'	
	Bw'	R'	Fw	B	U'	3Rw'	D2	3Fw	D2	
	B'	U2	R'	D'	L	Dw	L2	B	L'	
	U2	Bw'	Fw'	U	Lw	3Rw	3Fw'	3Uw'	B	
	Uw	B2	3Fw	Rw'	Uw'	3Fw'	R'	Uw'	3Fw'	
	U	Bw	3Rw	U2	B'	U'	Bw'	L'	3Uw'	
	Lw	Fw'	Uw'	Dw2	L'	3Uw2	F'	L		
2.	R2	B2	R'	Uw2	U'	Rw	F2	Lw'	Uw2	
	Fw	3Uw2	3Rw	D'	B'	Dw'	R'	B	Fw	
	3Uw	U	3Fw'	Fw2	3Rw2	L	Bw'	U	F2	
	Uw2	Lw	D	3Rw'	Dw	D2	Lw'	D2	F2	
	D	B	L	Uw2	F'	R	L'	Fw	3Rw2	
	L'	Fw'	3Uw	Lw2	F2	3Rw'	3Uw2	R2	D'	
	Bw	Rw'	U	Uw	Bw'	3Fw'	L'	3Fw2	3Rw	
	D	3Rw'	R'	Uw2	Lw'	Rw2	Fw'	Dw2	R	
	3Uw'	B'	L'	F	L2	Lw'	D	3Fw		
3.	Fw	Bw2	U	3Fw2	3Rw2	Lw	U'	Dw2	Fw2	
	Uw'	U2	L	Bw	U'	Uw'	3Fw'	U'	Uw2	
	F'	3Uw'	Rw2	3Uw2	B	3Fw2	3Uw2	Bw	B2	
	L	Bw'	L	B'	R'	F'	Lw	3Fw	Fw2	
	D'	Bw2	3Fw2	U2	3Fw'	L2	Bw2	F2	L'	
	U'	Lw'	B'	Lw2	B2	Dw	U'	L	Dw	
	Bw2	Fw'	3Fw'	L2	Bw	3Fw	R'	U	B2	
	3Uw	Rw	R'	3Uw2	Fw2	L	Bw2	B2	Fw	
	L2	D'	F	R	B'	Rw	B	Bw		
Extra scrambles										
E1.	Dw	B2	Lw2	L'	D'	L'	B	Fw'	Uw	
	R'	Fw	Bw	D'	3Rw'	3Uw	3Fw	B'	3Uw	
	Bw	D'	F2	B	L'	3Rw2	B'	D'	Dw2	
	Lw'	3Fw'	Uw'	Rw	Fw'	B	Bw	D2	Uw	
	F'	L2	D2	Dw'	Uw2	R'	Lw'	Fw2	Dw2	
	Uw'	3Rw	B	3Fw2	3Uw'	Rw	Fw	D'	U'	
	Lw2	3Uw	R'	Lw'	Uw'	D2	3Rw'	3Uw	B	
	D'	3Uw	3Fw	F'	Lw'	3Rw'	3Uw	F'	L	
	Bw'	3Rw'	F2	Fw'	Rw'	B2	Fw	3Rw		
E2.	D2	Rw	F2	L2	3Rw'	3Uw'	Uw2	Rw	3Fw'	
	Lw2	U'	Bw	3Uw	F'	Uw	Rw2	Bw2	D'	
	3Uw2	Lw	Bw2	L	R	3Rw2	3Uw	Bw'	Dw2	
	U2	3Uw	D'	3Rw2	3Uw'	B'	F2	Uw2	B2	
	Fw'	Lw'	Fw	3Rw'	Rw'	Dw'	D'	3Uw2	R'	
	3Fw2	Rw'	Lw'	Bw	U2	L'	3Fw2	3Uw	Lw'	
	Rw2	Uw	R'	Uw2	U	Bw'	D'	3Uw'	B2	
	Rw2	R'	Bw	B	Fw	F2	L2	Fw2	Bw	
	3Fw2	3Uw	B	Fw2	Lw2	3Rw2	Dw2	3Uw2		

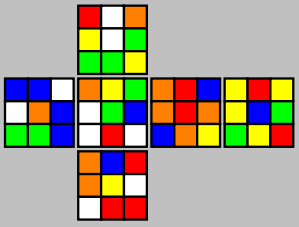
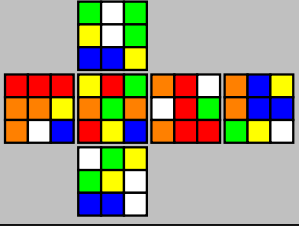
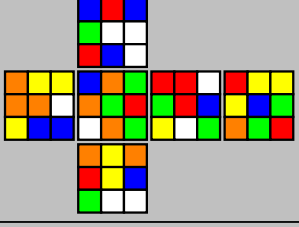
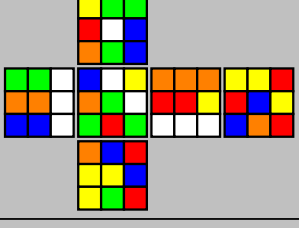
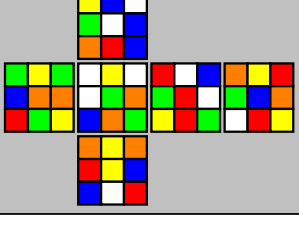
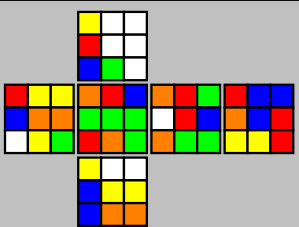
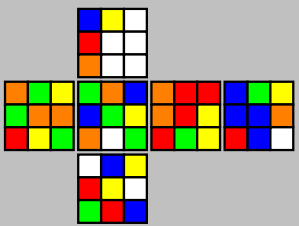
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7x7x7 Cube Round 1

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1.	Fw2 3Bw' R' D' R 3Lw' 3Fw2 Bw Lw' 3Lw F' B2 U F' U Fw Rw' D2 F' Fw2 3Fw' Rw' 3Dw U' 3Lw Dw L2 Bw2 B 3Lw2 R2 L B2 D Uw' R2 Lw2 D U2 3Fw 3Rw2 3Fw2 3Dw L' Dw' 3Lw' F2 3Bw R 3Rw2 Rw' Bw' 3Fw' 3Dw2 Uw' U' 3Uw L2 3Lw F 3Bw Rw' 3Dw' Bw 3Bw2 Fw2 U' Bw2 3Dw2 L' Bw' Lw' 3Lw2 3Uw' 3Fw F' 3Bw2 L2 D' 3Uw Rw2 L2 3Fw2 D2 Rw' F2 B 3Lw2 Uw2 B' 3Rw 3Uw2 3Dw' Bw Dw' U 3Fw 3Uw R U2	
2.	U R L Uw' 3Fw2 3Rw2 3Dw2 B' 3Bw2 3Rw 3Lw2 B 3Fw D' Bw L D' 3Lw Lw 3Uw2 3Lw U 3Dw L2 3Rw 3Bw2 Bw' 3Rw2 F' Uw Fw' Dw' 3Bw Lw2 3Dw2 D2 Rw F' Lw' 3Rw2 Fw' R' F' Dw2 3Rw Lw2 Uw' Fw' Bw Rw2 F' U2 Lw 3Rw2 Uw R' 3Lw2 3Bw2 D' 3Uw' U' R' 3Bw' 3Lw Bw 3Dw' R Lw L B Dw D 3Rw 3Bw 3Rw2 Rw2 Bw Lw' Dw' L2 3Uw2 Dw2 F' 3Uw' L' 3Lw Bw' Fw 3Uw2 L 3Uw' 3Bw2 U' 3Dw2 R Uw' Lw 3Fw' U' Rw'	
3.	R Rw' Fw 3Dw Bw' 3Rw2 3Dw' 3Bw2 3Uw Fw2 B2 L' 3Lw2 D' 3Bw' B L2 3Dw' 3Rw D' 3Uw2 Bw L2 3Dw' 3Rw2 L2 3Bw2 L' Lw' 3Rw2 3Fw' 3Uw Uw' 3Lw2 Dw L D2 3Bw' 3Dw Bw B2 R2 Dw L F' Bw Fw' R' 3Uw' Fw2 Rw' Bw R' Lw 3Rw' D Lw' 3Rw Uw2 3Fw' Fw2 3Rw2 D 3Uw' Dw' R' Fw2 U' 3Bw U Rw2 R2 3Rw' Lw' Fw' Lw2 L' R2 Bw 3Rw 3Lw' Dw' U 3Fw2 R' 3Uw' L2 Fw 3Lw' L2 3Dw' 3Uw' R2 3Bw2 Bw2 F' R' 3Bw' Dw 3Uw	
Extra scrambles		
E1.	Rw' F Fw2 3Lw2 B' 3Bw2 3Uw D2 Dw' Lw U Uw2 R Uw U R Bw 3Dw' D' U2 3Bw F2 3Lw2 3Dw F2 Uw 3Rw2 Fw' F' D' Fw' 3Uw L2 D' U' 3Fw' 3Uw' Fw B D Bw2 Rw 3Dw' Dw' 3Fw2 L2 B2 Lw' Dw Lw' 3Bw' U' F' 3Fw2 3Dw 3Bw Lw' 3Bw2 Dw' Rw' Bw 3Dw L Lw' D 3Uw' F2 3Uw Lw' 3Lw' U2 R2 3Bw Fw D Fw B Bw 3Lw Lw' Uw' 3Rw2 Lw2 Dw U 3Uw2 Bw' L2 Uw 3Bw 3Dw Fw2 3Lw2 B' 3Lw R2 B' Bw2 U Bw2	
E2.	L' R2 Uw F' Uw B 3Uw2 Lw' 3Lw2 3Dw2 Lw' F Uw 3Uw' 3Lw' Fw' 3Lw' Uw2 3Bw Uw' 3Lw2 3Rw 3Bw Uw2 B' Uw' Fw R' Bw' 3Dw2 L' 3Rw2 F2 Uw' 3Lw B' F U L2 Rw 3Rw2 3Bw' Dw' 3Fw Dw U' 3Rw2 D2 Lw2 3Bw' Uw 3Dw L U 3Bw2 3Fw 3Rw Uw' Bw2 3Lw2 F' Uw Fw2 3Fw' L' 3Bw2 Fw' R2 D2 R' Bw' Fw2 3Lw 3Fw D 3Rw' 3Lw Dw 3Uw U F2 Fw 3Fw 3Lw F' Lw' F' Lw2 L B 3Fw' D L F' 3Bw2 Fw Lw2 3Dw' R 3Dw2	

1.	U2 B2 D' L2 D' L2 U' L' R D B U' F' L' U B' L2 B' F' Rw Uw	
2.	L2 D' B2 D' R2 U L2 U' R2 U' F2 R' D' F' U2 L2 D2 R2 F2 R' Fw' Uw2	
3.	L' B2 U2 F2 L' B2 F2 U2 B2 F' U F' D U R' U2 B L2 D2 B' Rw Uw'	
Extra scrambles		
E1.	U2 B2 R2 F2 D L2 B2 R2 U L' U2 B' U2 B2 U R2 F' R' D' F' Rw2 Uw'	
E2.	L2 R' B2 D2 R2 B2 U2 R' B' U2 F' L' U2 F2 L' R2 D B2 Uw	

1.	B2 D2 B2 L U2 R U2 B2 U2 L B' D' L' B2 U F2 D F2 R2	
2.	D R F L' F2 L' D' L B2 L D2 F' D2 F2 L2 D2 L2 U2 F U2	
3.	F2 R' F2 D2 L D2 L' B2 U2 B2 F' L U R F' U2 B' R' D' B	
4.	R F2 R B2 R2 U2 L' U' B' D' U2 B2 L' R F L2 B L	
5.	B' D L' F' U D' L' U2 L F' R' F B2 L2 B' L2 D2 L2 F B	
Extra scrambles		
E1.	L2 B U2 L2 F2 U2 R2 B' L' B L' D' U2 F2 L' B D L2 F2	
E2.	F' B' R2 B U' L2 B R' D R2 B2 L D2 L B2 D2 L' B2 R B2	

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3x3x3: Fewest Moves Round 1
Scramble 2 of 3

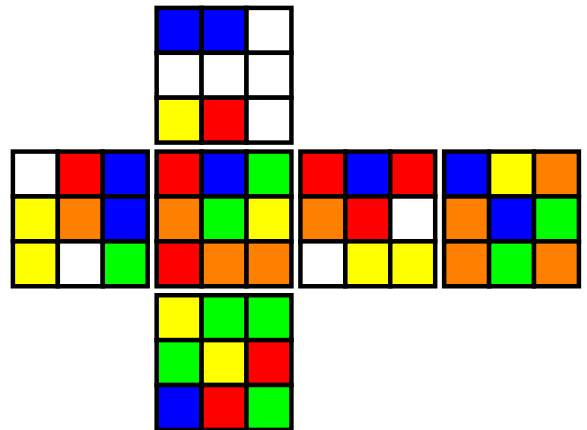
- Notate your solution by writing one move per bar.
 - To delete moves, clearly erase/blacken them.
 - Face moves F, B, R, L, U, and D are clockwise.
 - Rotations x, y, and z follow R, U, and F.
 - ' inverts a move; 2 doubles a move. (e.g.: U', U2)
 - w makes a face move into two layers. (e.g.: Uw)
 - A [lowercase] move is a cube rotation. (e.g.: [u])
-
- You have 1 hour to find a solution.
 - Your solution length will be counted in OBTM.
 - Your solution must be at most 80 moves, including rotations.
 - Your solution must not be directly derived from any part of the scrambling algorithm.

Competitor: _____

WCA ID: _ _ _ _ _

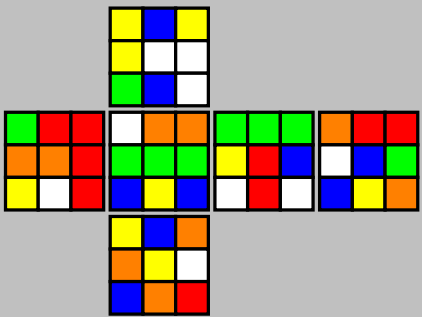
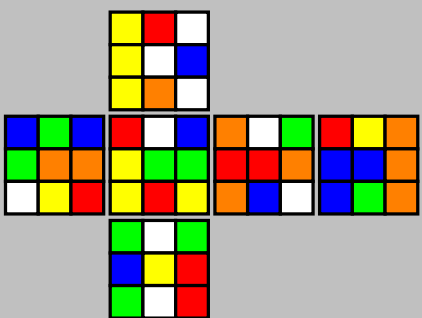
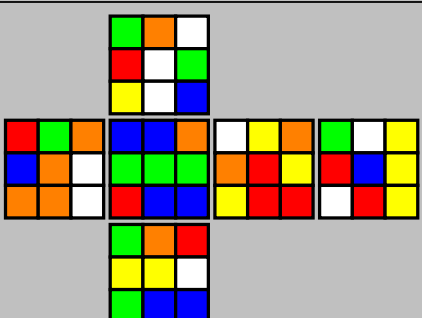
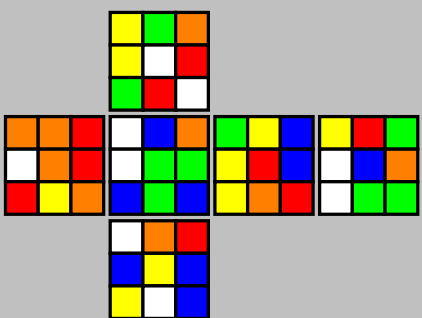
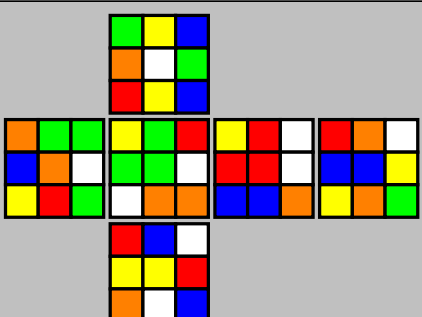
DO NOT FILL IF YOU ARE THE COMPETITOR

Graded by: _____ Result: _____



Scramble: F U' F2 R' B R U2 R2 B' L U F2 B' R2 F U2 R2 F U2

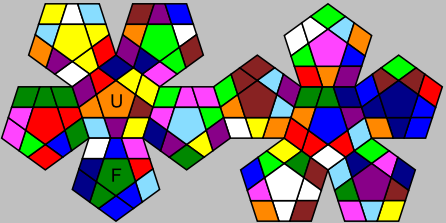
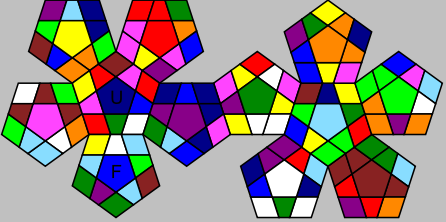
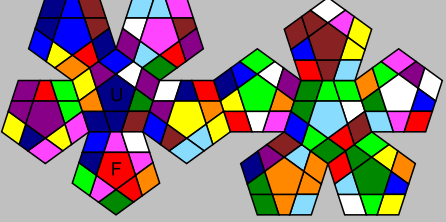
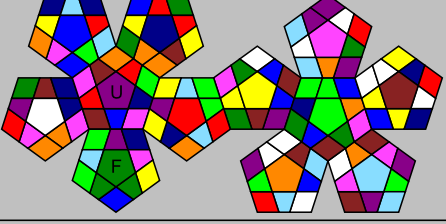
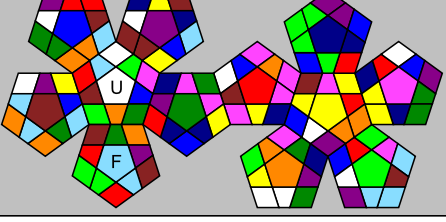
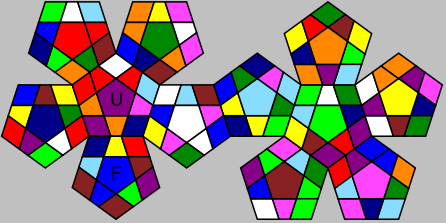
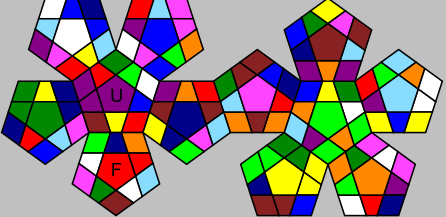
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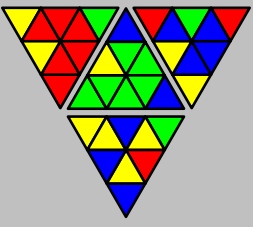
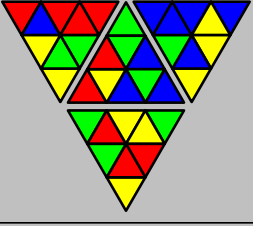
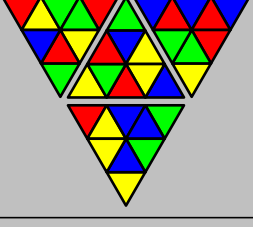
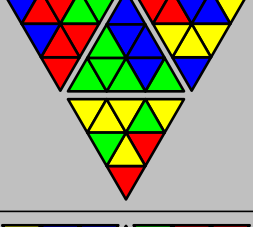
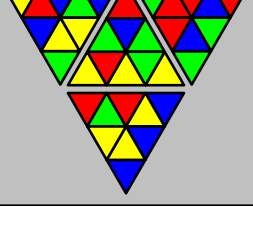
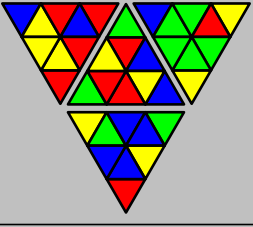
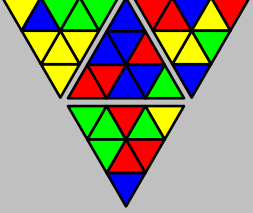
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2.	D2 U2 F2 R2 B L2 R2 F R2 D2 B' L' D' U2 B2 D' B F D L	
3.	U2 L2 B' U2 F L2 F2 L2 D2 L2 F2 U L' R2 D' L2 F2 D' R2 B'	
Extra scrambles		
E1.	R' F U' F U' B U2 R2 U B R U2 F2 L2 B D2 F2 B' D2	
E2.	D2 F D' L D L' U2 R2 L' F' L2 B2 U' B2 R2 U' B2 U F2 U'	

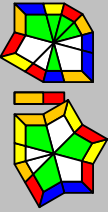

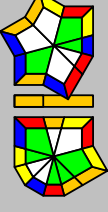
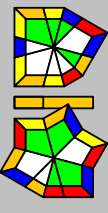

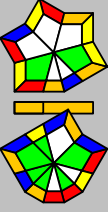
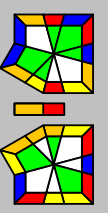
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Megaminx Round 1

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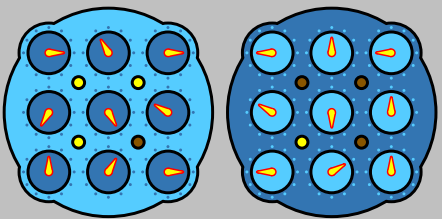
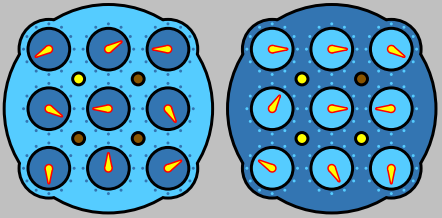
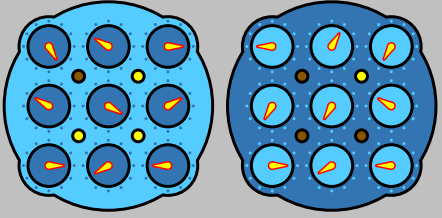
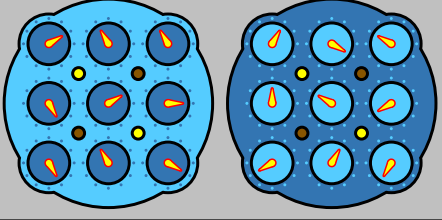
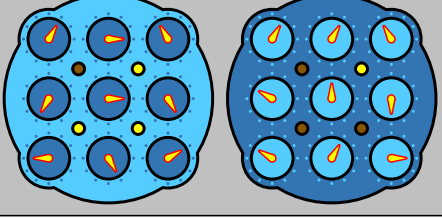
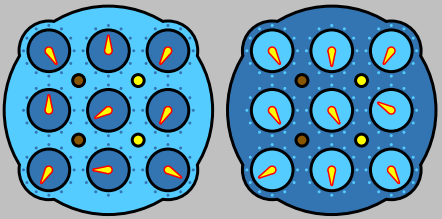
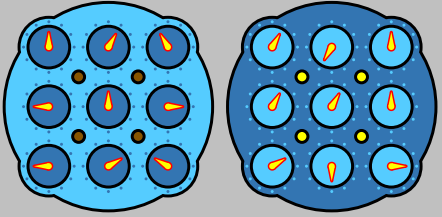
1.	R++ D-- R-- D++ R-- D-- R-- D-- R-- D++ U R-- D++ R++ D++ R++ D++ R-- D++ R++ D-- U' R++ D-- R++ D++ R++ D-- R++ D-- R-- D-- U' R-- D++ R-- D-- R-- D++ R-- D++ R-- D-- U' R-- D++ R++ D++ R-- D++ R++ D++ R++ D++ U R-- D++ R-- D++ R++ D-- R++ D++ R++ D-- U' R++ D++ R-- D++ R-- D++ R-- D-- R-- D++ U	
2.	R-- D-- R++ D-- R-- D++ R-- D++ R-- D++ U R-- D++ R++ D++ R-- D++ R++ D++ R++ D-- U' R++ D-- R-- D-- R++ D-- R++ D++ R++ D++ U R-- D++ R++ D++ R-- D++ R++ D++ R++ D-- U' R-- D++ R++ D++ R-- D++ R++ D-- R++ D++ U R-- D++ R++ D++ R++ D++ R-- D++ R++ D-- U' R-- D-- R++ D++ R-- D++ R++ D++ R-- D-- U'	
3.	R++ D++ R-- D++ R++ D-- R++ D++ R++ D++ U R++ D-- R++ D++ R-- D-- R-- D++ R++ D++ U R-- D++ R++ D-- R-- D-- R-- D++ R++ D++ U R++ D++ R-- D++ R-- D-- R++ D++ R++ D-- U' R++ D++ R-- D-- R-- D++ R++ D-- R-- D++ U R++ D++ R++ D-- R-- D++ R-- D++ R++ D-- U' R++ D-- R++ D-- R-- D++ R++ D++ R-- D++ U	
4.	R++ D-- R-- D-- R++ D-- R-- D++ R-- D++ U R-- D++ R-- D-- R-- D++ R-- D++ R++ D-- U' R-- D++ R-- D-- R-- D++ R-- D++ R++ D++ U R++ D-- R++ D++ R-- D++ R-- D-- R++ D-- U' R++ D-- R-- D-- R-- D-- R-- D++ R-- D-- U' R++ D-- R++ D-- R-- D-- R++ D-- R-- D-- U' R-- D++ R-- D-- R-- D++ R-- D-- R++ D-- U'	
5.	R-- D++ R++ D++ R-- D-- R-- D-- R-- D-- U' R++ D-- R++ D-- R-- D-- R++ D-- R++ D++ U R++ D-- R-- D-- R-- D++ R++ D++ R-- D-- U' R-- D-- R-- D-- R-- D-- R-- D-- R-- D++ U R++ D++ R++ D-- R++ D-- R++ D-- R++ D-- U' R-- D++ R++ D-- R-- D++ R++ D-- R++ D++ U R-- D-- R-- D++ R++ D-- R++ D-- R++ D++ U	
Extra scrambles		
E1.	R-- D-- R-- D-- R++ D-- R-- D-- R-- D++ U R++ D++ R++ D-- R++ D-- R-- D++ R++ D++ U R++ D++ R-- D++ R++ D++ R-- D-- R-- D++ U R-- D-- R++ D-- R++ D-- R++ D-- R++ D-- U' R++ D-- R++ D-- R-- D-- R-- D-- R++ D-- U' R-- D++ R++ D-- R++ D++ R-- D++ R-- D++ U R++ D++ R-- D++ R-- D-- R++ D-- R-- D-- U'	
E2.	R-- D++ R-- D++ R++ D++ R-- D-- R-- D++ U R++ D++ R++ D++ R-- D++ R-- D++ R++ D++ U R++ D++ R-- D++ R-- D-- R-- D++ R-- D++ U R++ D-- R-- D++ R++ D++ R-- D-- R-- D++ U R++ D-- R++ D++ R++ D-- R++ D++ R++ D-- U' R-- D-- R-- D++ R++ D++ R++ D++ R-- D++ U R++ D-- R++ D-- R++ D-- R-- D-- R-- D++ U	

1.	B' R U' L B' R' B' L' R U R' u r' b'	
2.	U' R U' B U' R' B' U L' U' B l' r' b'	
3.	L B U L' B' U' B' L' R L U u' l' r b	
4.	L B R B R' B U B L' B' R' r b	
5.	R U B' R B' U' R' U R' B' L u l r b'	
Extra scrambles		
E1.	U B U R' U B' U' L' B' R' L' u l' r b'	
E2.	L U R U' R' U' R' L' U' B L r b	

1.	$(0, 2) / (-2, 1) / (6, -3) / (0, -3) /$ $(5, -4) / (-3, -5) / (-3, 0) / (4, -1) /$ $(2, 0) / (5, -2) / (0, -4) /$	
2.	$(-2, 0) / (-1, -4) / (-2, -5) / (0, -3) /$ $(0, -3) / (-3, 0) / (5, -3) / (3, 0) /$ $(-5, -4) / (0, -4) / (6, -3) / (0, -1) /$ $(6, 0)$	
3.	$(-5, 0) / (-4, 2) / (-5, 4) / (3, -3) /$ $(-3, 0) / (-1, 0) / (0, -3) / (-3, 0) /$ $(3, -1) / (-5, 0) / (0, -4) / (6, 0) /$	
4.	$(0, -1) / (-3, 0) / (-3, 3) / (-2, -5) /$ $(6, 0) / (0, -3) / (0, -4) / (3, 0) /$ $(2, 0) / (-5, 0) / (0, -3) / (4, 0) /$ $(6, -2)$	
5.	$(-3, -4) / (0, -3) / (-2, 1) / (3, 0) /$ $(-3, 0) / (-4, -4) / (0, -5) / (-3, -3) /$ $(2, -5) / (2, -4)$	
Extra scrambles		
E1.	$(-2, 0) / (0, 3) / (6, 3) / (2, -1) /$ $(3, 0) / (4, -5) / (2, 0) / (-3, 0) /$ $(4, 0) / (-3, 0) / (0, -4) / (3, -4) /$ $(-4, -1)$	
E2.	$(4, 0) / (-3, 0) / (-3, 3) / (2, -1) /$ $(3, 0) / (-3, 0) / (-2, 0) / (0, -3) /$ $(-3, -2) / (3, 0) / (-3, -1) /$	

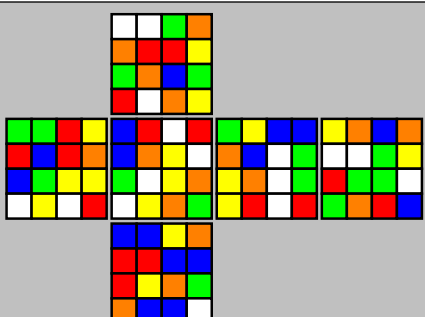
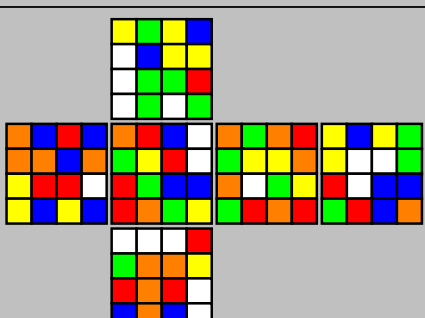
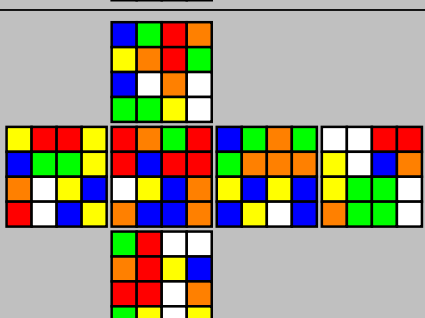
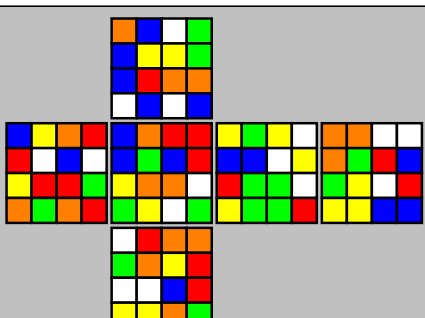
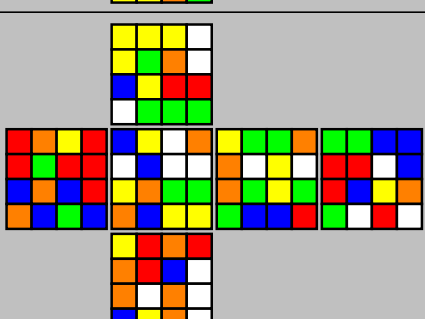
2015/08/07

Rubik's Clock Round 1
 NU_CUBING_12-27-2015

1.	UR3- DR3- DL4+ UL5- U0+ R2+ D5+ L5- ALL1- y2 U4+ R2- D6+ L5- ALL2+ UR DL UL	
2.	UR3+ DR0+ DL4+ UL2+ U5+ R1- D4- L0+ ALL6+ y2 U3- R5+ D5- L4+ ALL4- UL	
3.	UR1+ DR4+ DL5- UL0+ U2- R5- D5- L2+ ALL5+ y2 U4- R6+ D6+ L2+ ALL6+ UR DR DL	
4.	UR5+ DR5- DL2- UL2- U6+ R2- D1+ L6+ ALL3+ y2 U3+ R3- D3+ L1- ALL0+ DR UL	
5.	UR6+ DR5- DL1- UL5+ U0+ R1+ D5+ L2+ ALL1- y2 U2- R4- D0+ L2- ALL1- UR DR DL	
Extra scrambles		
E1.	UR2- DR2- DL0+ UL5- U6+ R4+ D1+ L0+ ALL3+ y2 U1- R4- D4- L1+ ALL4+ UR DR	
E2.	UR1+ DR2- DL4+ UL3- U3- R1+ D4+ L0+ ALL1- y2 U2- R3+ D1- L3- ALL3+	

2015/08/07

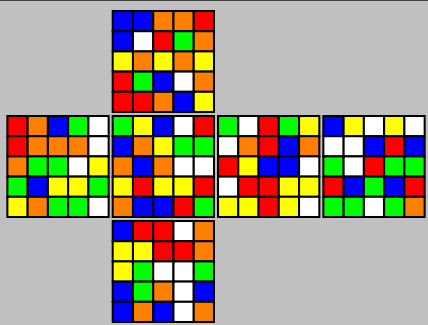
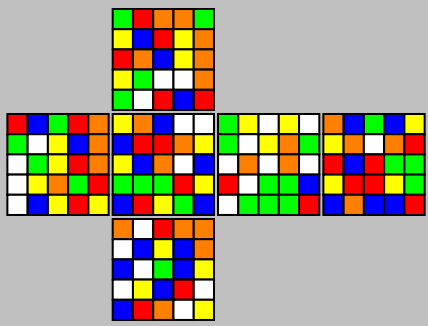
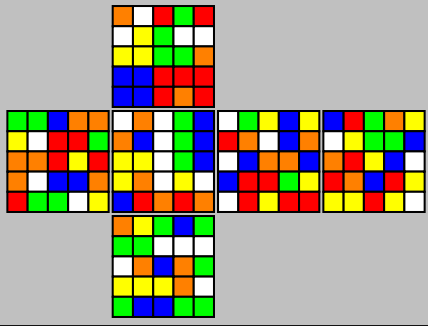
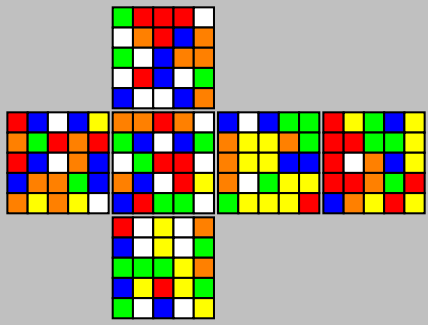
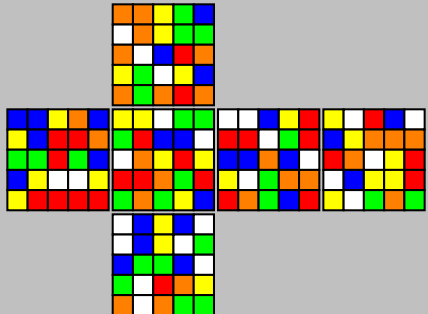
4x4x4 Cube: Blindfolded Round 1
NU_CUBING_12-27-2015

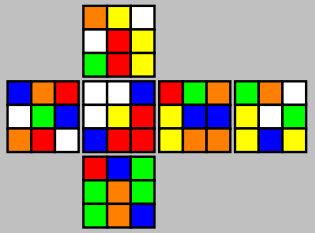
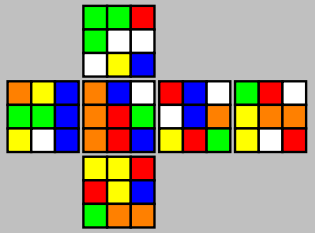
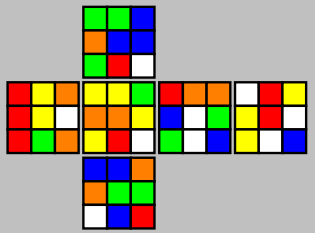
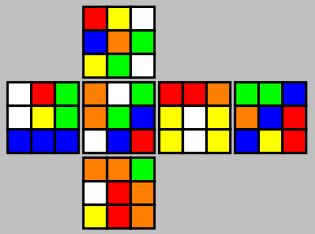
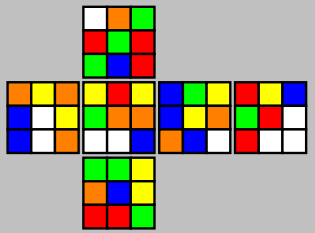
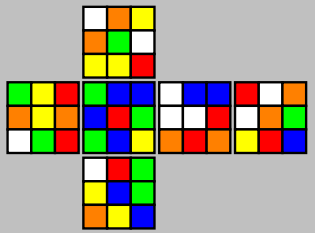
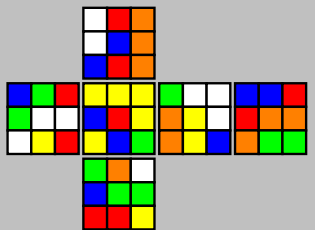
1.	U' F R2 B' R U B' D'	
	L F L' F2 L2 D2 F2 D2	
	B2 L U2 L2 Fw2 Rw2 B' Rw2	
	R' B' Uw2 Fw2 L R U2 Fw2	
	R Uw' F Uw' R2 Uw U Fw'	
	U' Rw Uw2 D B' x' y'	
2.	L U' R2 U2 L2 F U' L'	
	U R' B' R2 F2 D2 B L2	
	B' D2 F2 D2 Uw2 B L2 B'	
	Rw2 F D Rw2 D U2 F' D	
	U' Rw U F L2 D2 Uw B	
	Rw L Fw2 Rw F2 R z' y'	
3.	D2 B2 D2 L U B R2 B	
	U' F' R2 D2 R2 F2 L2 F	
	U2 F' U2 B2 Rw2 D' F R2	
	F' U2 Rw2 Uw2 Rw2 D' Fw2 Rw'	
	Fw2 R2 U R Uw' Fw Rw' L2	
	B2 R Fw2 U x2	
Extra scrambles		
E1.	L' U2 F2 L R2 F2 D2 R2	
	F2 U2 F L R U F' U2	
	D2 B2 U2 F' Fw2 D F' Uw2	
	R2 Fw2 L2 F D' F B' U2	
	Rw D' R B' Fw' Rw' F L'	
	Uw' Rw' U R	
E2.	R2 F R2 U2 F' D2 B2 U2	
	B2 D2 L B R U F B'	
	U2 B2 D' F2 Fw2 L Uw2 R	
	U2 B' R2 Fw2 D2 L Uw2 F'	
	Uw' B' F2 R2 Uw D Fw Rw'	
	Fw2 Uw B2 U2 L2 x2	

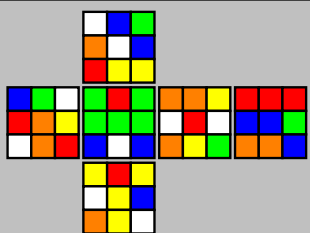
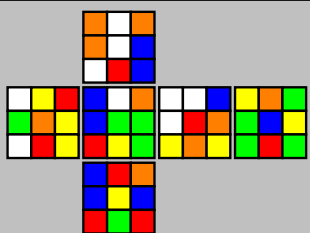
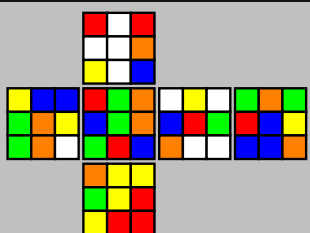
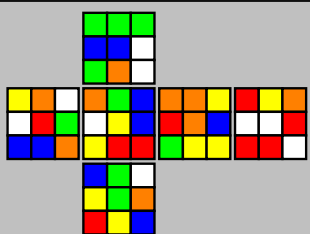
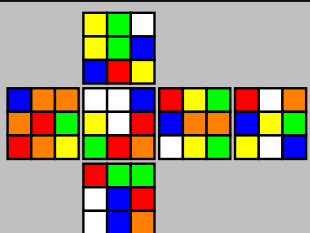
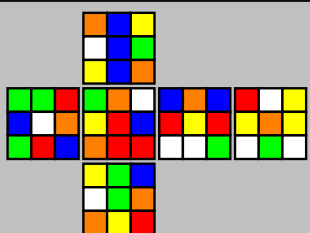
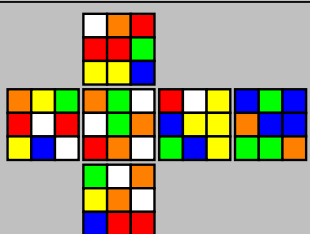
2015/08/07

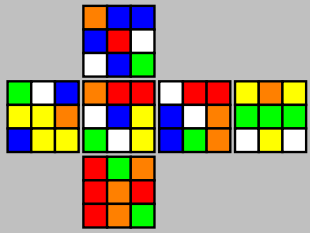
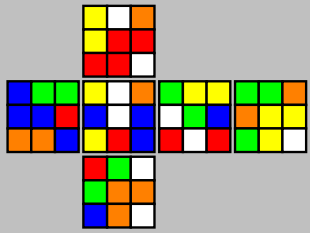
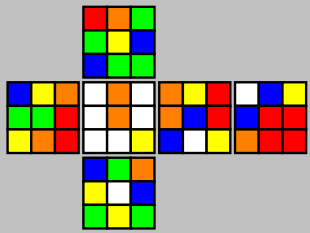
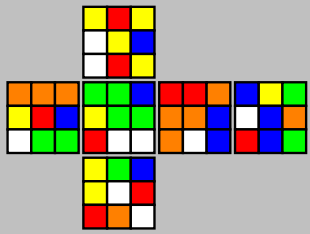
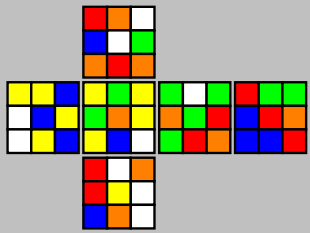
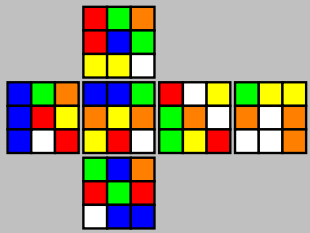
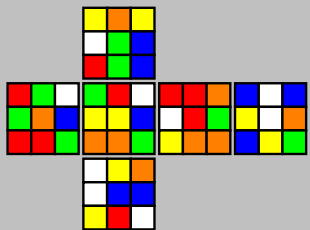
5x5x5 Cube: Blindfolded Round 1

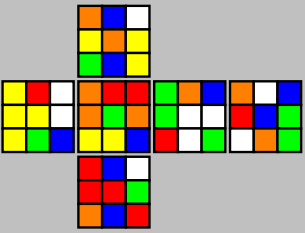
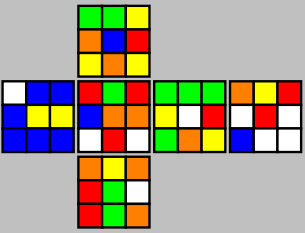
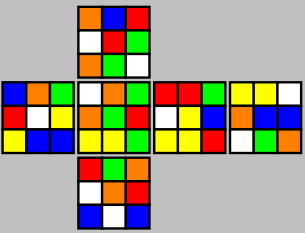
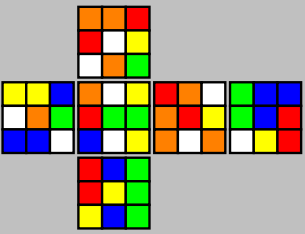
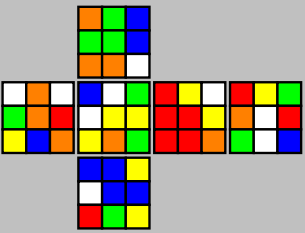
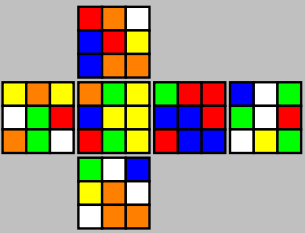
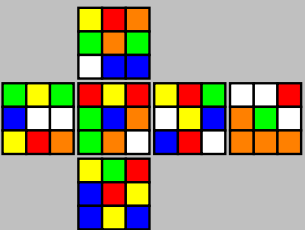
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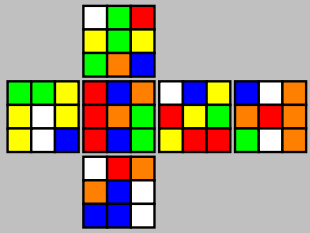
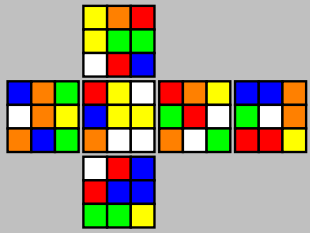
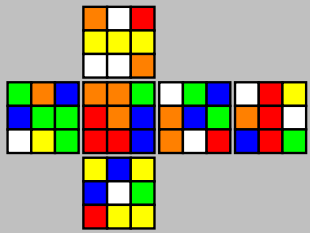
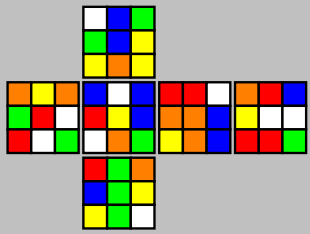
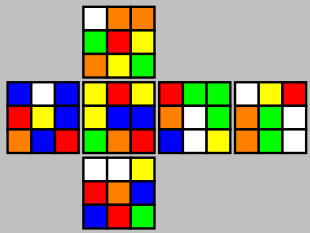
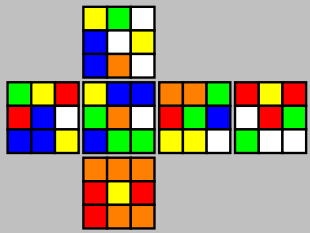
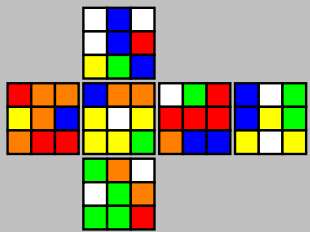
1.	Dw2	B	D2	U2	Uw'	Dw2	Lw'	F2	
	Rw	R	L	B2	U	D	Rw2	Lw'	
	Uw	F'	Bw2	Fw'	U2	Bw'	F2	R	
	Uw2	R'	Bw	R'	Fw2	B	L2	Bw2	
	R2	D	Rw'	Bw'	F2	L'	Fw	Bw'	
	Lw2	Uw2	Fw2	Uw	F'	Uw	L2	U'	
	Rw'	U2	D2	Bw2	Rw	L2	Lw2	F	
	Dw'	Uw2	R'	3Rw2	3Uw'				
2.	Fw2	Uw2	L	B'	Bw'	Rw2	Lw'	Bw'	
	U2	L'	Lw'	B2	Dw2	F2	R	U	
	Dw'	D	Fw2	Uw	Bw2	L	Dw'	Rw'	
	Lw2	Fw'	Rw	Fw	Uw'	R2	D	B'	
	U'	B2	Uw2	R2	Bw2	L'	Bw'	Lw2	
	Uw	D2	Rw'	R2	Dw'	F	Uw'	Rw'	
	Dw2	Uw	Rw'	D'	Bw2	U'	R'	U'	
	D	Uw2	B	3Rw'	3Uw'				
3.	R2	Bw	Uw2	Dw'	Rw	Bw	D2	Rw	
	Uw'	B'	Lw	R	Bw	Uw'	R2	B2	
	U	F2	R2	Lw'	Fw'	Uw'	F'	U2	
	Uw'	F2	Rw'	B'	L	Uw'	Lw	B'	
	Uw'	Dw2	U2	Lw'	R2	F'	U	L2	
	Uw2	U'	D'	F2	Lw2	L	Fw2	Lw	
	U	Uw2	Dw2	Fw'	B'	Bw2	U2	Uw2	
	Bw'	Uw2	Rw'	3Rw	3Uw2				
Extra scrambles									
E1.	Dw	F'	Dw2	U'	Fw2	L	B2	Rw2	
	B2	Rw2	U	R'	B'	Lw'	F	Rw2	
	L'	Fw2	U	R2	Rw	Fw2	Lw'	Uw2	
	Rw'	Uw	Fw2	Rw	Bw	D2	Dw	Uw	
	Lw'	Fw2	R'	Dw2	Uw'	Bw	F	L2	
	D	Lw2	F	Lw'	Rw	R2	U2	R2	
	Fw	L2	U2	L	D	Fw'	Lw'	R	
	U2	B'	Lw'	Dw2	3Rw'	3Uw			
E2.	Dw	Bw	B	D'	Dw2	Fw	U'	Rw'	
	R2	Bw'	Fw2	Uw2	R	Rw2	Lw'	Bw	
	Fw2	B'	R'	Dw	Rw2	Uw2	Rw2	B'	
	Bw'	Lw'	L2	Rw2	Fw'	Rw'	Uw	L'	
	B2	Bw	L	Dw	Rw2	B'	Lw2	U'	
	Lw'	U'	Uw	F'	B	Dw2	Rw'	Dw'	
	Bw	D2	Fw	Uw	Rw2	Bw2	F	R2	
	F2	D2	Fw2	Dw	3Rw'	3Uw2			

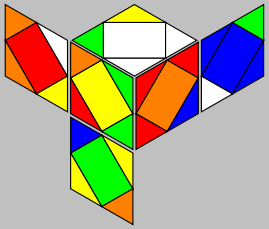
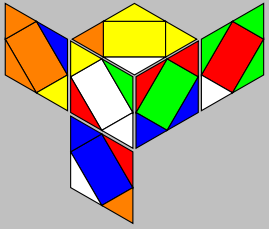
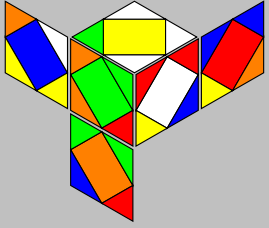
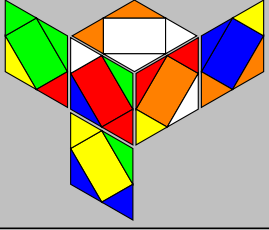
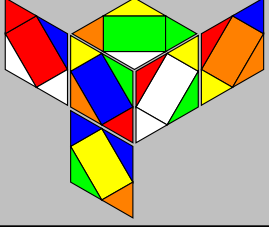
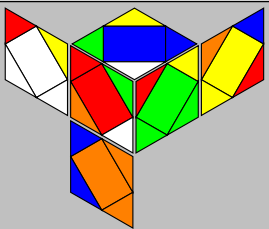
1.	L2 F2 D2 U R2 D2 L2 B2 D R U' F' D' U2 F' U' B U R U2 R2 Fw' Uw	
2.	B2 L2 U2 L' F2 L2 B2 L' U F2 D' L2 B U2 R' F' U L' F Uw	
3.	F2 L2 B2 L' D2 U2 R B2 L' F' L2 R B' U2 L D R' F' R' U2 Rw' Uw'	
4.	R2 D2 L2 D U F2 L2 U2 B L2 F L U' B D2 B' D L2 F2 L2 Fw	
5.	B' L2 B' D2 L2 F2 L2 F' D' L D' B U2 B D F D2 U L F2 Rw Uw'	
6.	U R2 D2 F2 R2 D2 R2 U2 B L B' L R' U L' B' D' U' R F Rw Uw	
7.	B2 F2 D2 F2 L' F2 L F2 R' D' B D' R2 F U L' B R2 B U Rw' Uw	

8.	D2 R' B L2 F' U B R D2 B R2 D F2 L2 U' L2 D2 L2 B2 D	
9.	U2 B2 L2 D2 L B2 L F2 U' F2 D R' F D L' R' F R2	
10.	U2 F2 D2 R2 B' U' F' B D' B2 D2 R' D2 R' U2 F2 R' L' B2 U2	
11.	F L2 F R2 B2 L2 B' D2 U2 L' B2 F' U R2 U B R2 D R2 F Rw' Uw2	
12.	D' F2 R2 U L2 D L2 F' D U B2 D L U2 L2 R2 F2 Rw Uw2	
13.	L2 D' L2 F2 U2 L2 D' L2 U R2 U F' D L2 F L' U2 F' L' B' Rw' Uw	
14.	R2 U2 R2 U' B2 U R2 D' L2 F' U B' R2 B2 L R' F' R2 B2 R' Fw'	

15.	D' R2 U B2 U' F2 U' F2 R2 B2 U F' D' L' R U' F2 L2 D2 U Fw' Uw2	
16.	D U' F2 D' U' R2 F2 R B D' U2 L2 B D2 B' D' L F' D2 Fw' Uw'	
17.	B2 L2 D2 B D2 B' L2 F' R2 F' R' D B R U' L' D' R' F' U2 Rw2 Uw'	
18.	D2 F D2 U2 B' U2 L2 F' R2 B2 R' D' B U' R2 U2 F D2 L D' B' Rw2 Uw2	
19.	F2 D' F2 R2 B2 L2 F2 D2 L U2 L U' B' F' L' U' F2 U2 F' R' Uw'	
20.	R2 F R2 B' D2 F' R2 D2 B D2 F' R' B' F R2 U' R D B' F' U2 Rw' Uw2	
21.	U2 F2 D L2 D' F2 L2 R2 F' L' D F' D2 F2 L2 F' D2 F' U' F2 Rw	

22.	B2 U2 R2 F2 D2 L2 D L B U' L R B U' F' R2 D L' U2 Fw	
23.	F' R2 F' U2 L2 B L2 U2 F2 D2 R2 U' R2 U' F L B' D' R' U B2 Rw' Uw'	
24.	L2 B2 R2 D R2 U L2 U2 F2 U' F' R B R' D' L' F2 R' U F L2 Fw'	
25.	D2 B2 R2 U2 L2 D U2 B2 D R' F' R' D L D2 F U' F' U B	
26.	R2 D B2 R2 U2 B2 U2 B2 D' L2 F2 L' B' L2 D' F2 L' D U L B Rw	
27.	D2 F' R2 F' D2 R2 B' L2 R B L R' B' R' B' U' R' F L' Fw' Uw	
28.	B2 D L2 D' F2 D2 B2 F2 R D' R F' L' B' D2 L U2 L2 D' Fw Uw2	

29.	U' R2 F2 D R2 B2 D' R2 F' D L' F D' R F U2 L D' F U Rw Uw'	
30.	D' U2 F2 L2 D' U2 R2 U2 F' D F' R F' R D R B' R' D2 Rw	
31.	F D2 U2 F U2 R2 D2 U2 B' U' F L2 U F' U B L' R2 B' U Rw2 Uw'	
32.	R2 B F2 R2 F U2 R2 F' L' U' B' U2 F2 L2 B L' D L' U' Rw' Uw2	
33.	F2 L' D2 F2 R' D2 U2 B2 L2 F2 R B R D' B2 U2 R U F' R2 Fw' Uw2	
34.	B2 F D2 L2 B2 F' D2 L2 U2 F' U' R F' D U2 F' R B2 R2 U F' Uw'	
35.	D2 F2 U2 L' U2 R2 U2 R2 F2 U' F L' F' D R2 D L2 D2 R' B' Rw'	

1.	L R L' U' B R' B U' R' L' U	
2.	L R L R L B' U' R' L' R' L'	
3.	L R L' U B R' B' U R U L'	
4.	L R B R' U' L' B' R' U L B'	
5.	L R U' L' R' B U R' U R U'	
Extra scrambles		
E1.	L R L U' B L' B' U B' U B'	
E2.	L R U L' B L' B R' B' U' R'	