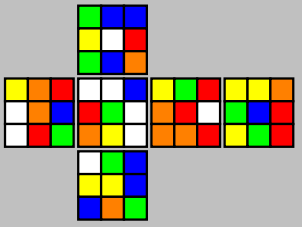
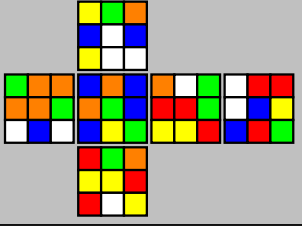
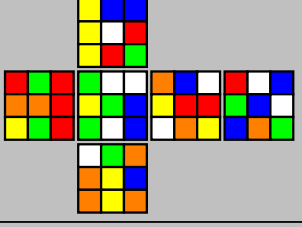
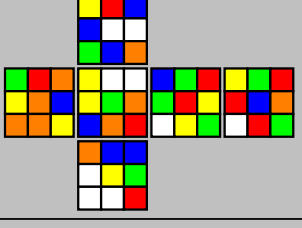
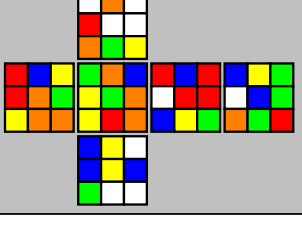
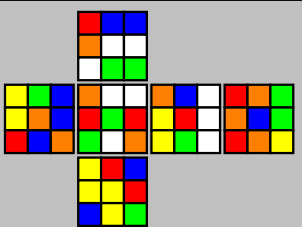
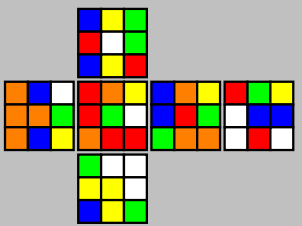
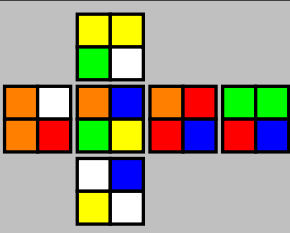
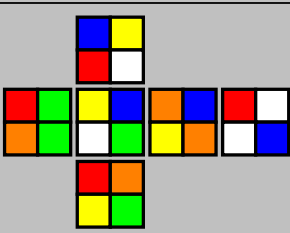
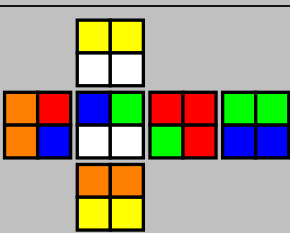
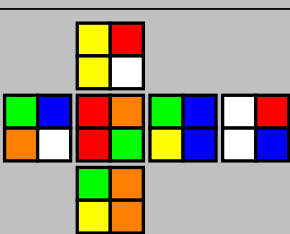
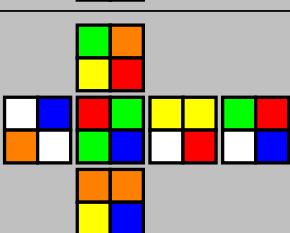
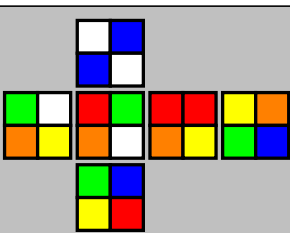
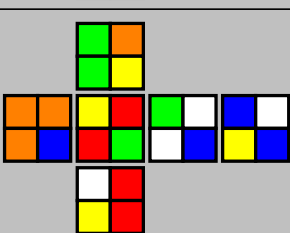
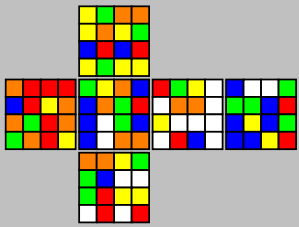
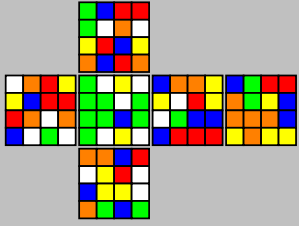
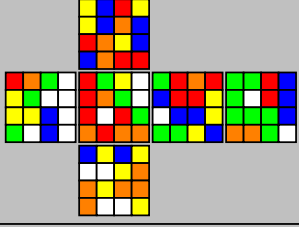
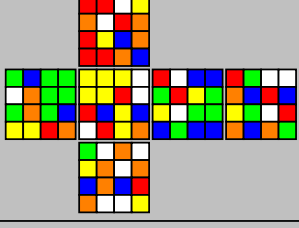
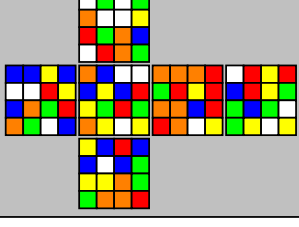
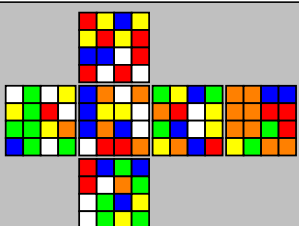
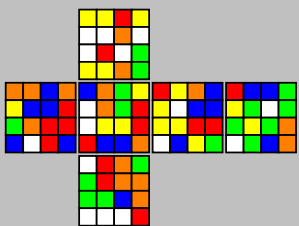


1.	L2 B2 D B2 U2 F2 U' B2 D' B' R2 U' R' F D' L D R2 U'	
2.	D' F' B2 D' R D2 F L' U' R' L' F2 D B2 D' B2 L2 U' B2 L2	
3.	U2 B2 L B2 R' F2 L F2 R2 U2 F L F L' B F L D R2 U	
4.	D2 U' B2 D B2 L2 B2 L2 F2 D2 L' D2 B' D' R U2 B' R B R'	
5.	B' D2 B U2 L2 B R2 D2 F2 U' L B2 L' U' B U F2 L R' U'	
Extra scrambles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

1.	R F U R' U F U2 R U' R U'	
2.	U' R U' R2 U2 F U2 F2 R U2 R	
3.	U' F R U' R' U2 R U R' F U2	
4.	R U2 R' U' R U R U2 R F' U'	
5.	U2 R' F' R U2 R' U2 R2 U' F' R'	
Extra scrambles		
E1.	R' F R2 U' R' U' F U2 R U' R2	
E2.	U F U' F U' R2 U2 R2 U R U'	

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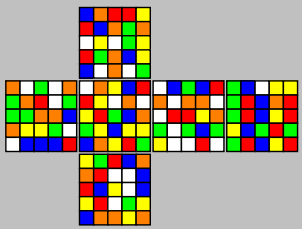
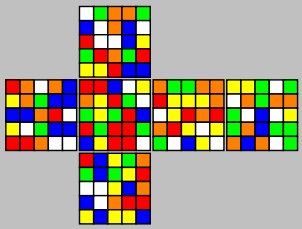
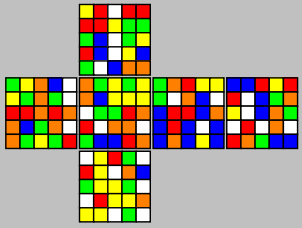
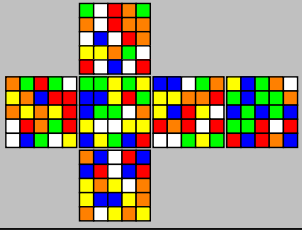
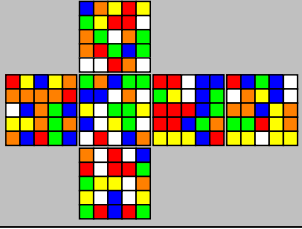
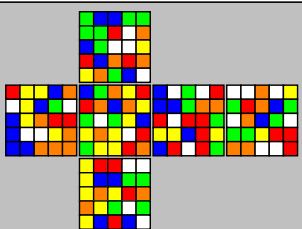
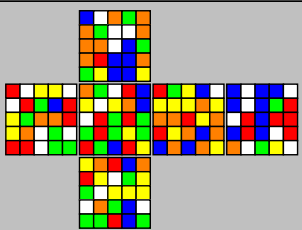
4x4x4 Cube Round 1
NU_CUBING_10-11-2015

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

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5x5x5 Cube Round 1

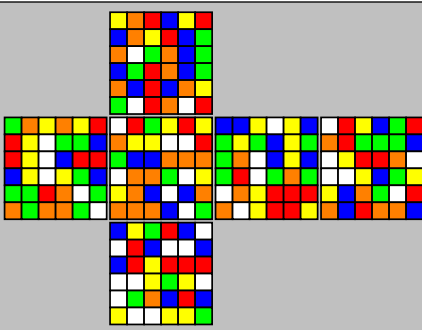
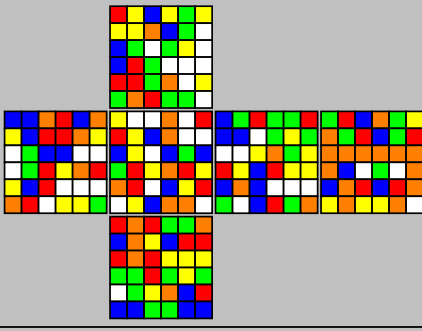
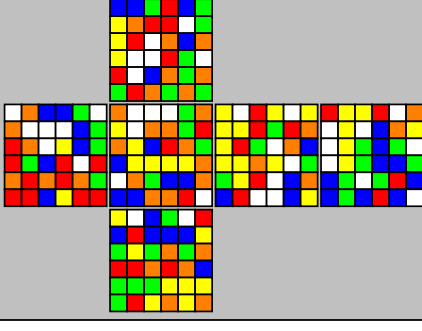
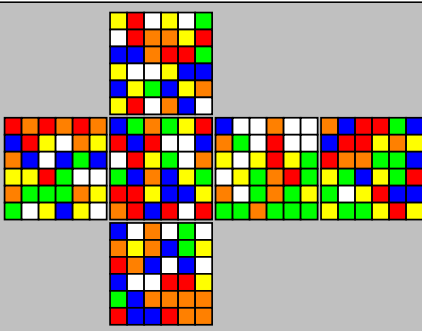
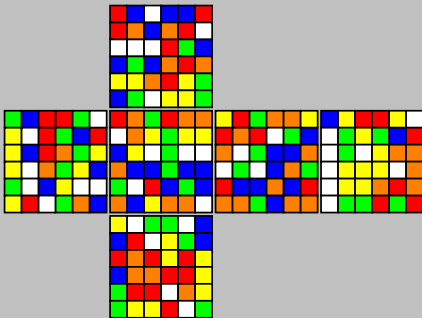
NU_CUBING_10-11-2015

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

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6x6x6 Cube Round 1

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

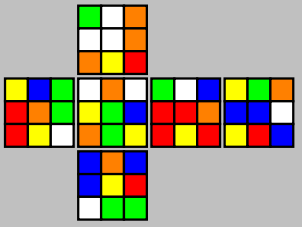
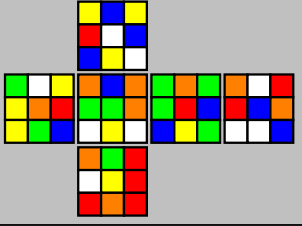
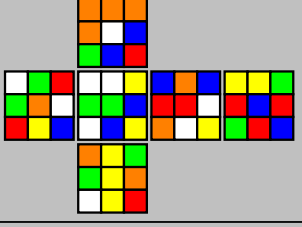
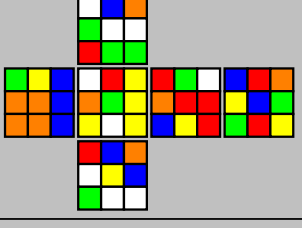
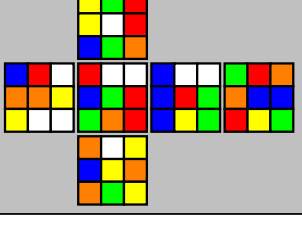
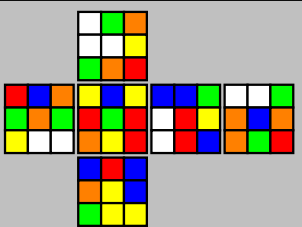
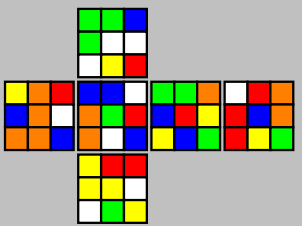
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7x7x7 Cube Round 1

NU_CUBING_10-11-2015

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

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

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

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3x3x3: Fewest Moves Round 1
Scramble 2 of 3

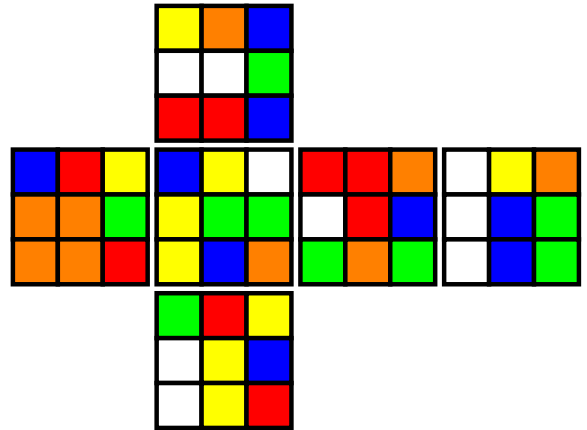
- Notate your solution by writing one move per bar.
 - To delete moves, clearly erase/blacken them.
 - Face moves F, B, R, L, U, and D are clockwise.
 - Rotations x, y, and z follow R, U, and F.
 - ' inverts a move; 2 doubles a move. (e.g.: U', U2)
 - w makes a face move into two layers. (e.g.: Uw)
 - 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: U B2 R2 F2 D2 L2 D' R2 B2 U2 R F' L' U R U R' U2 L

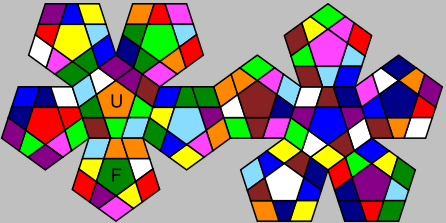
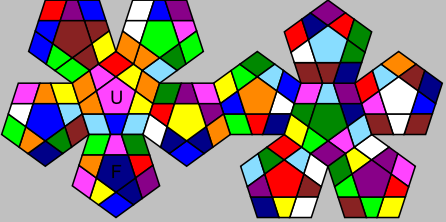
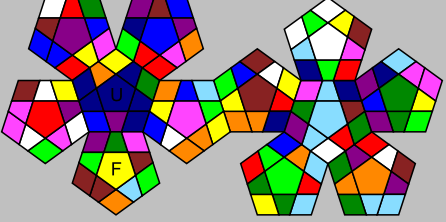
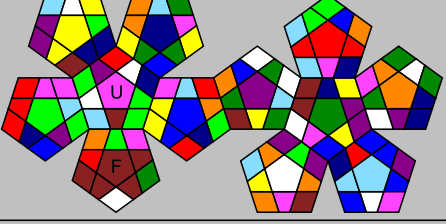
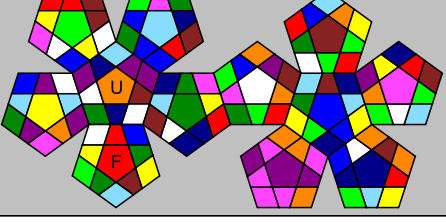
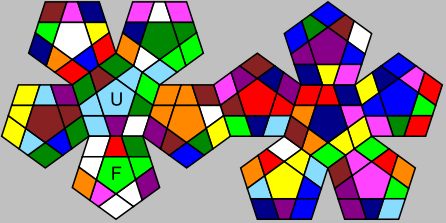
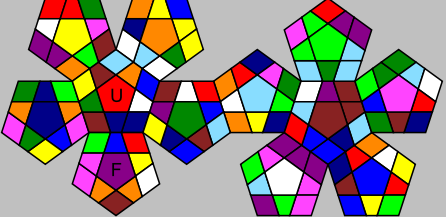
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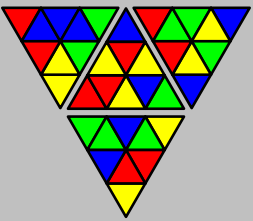
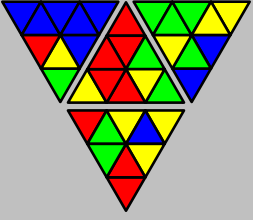
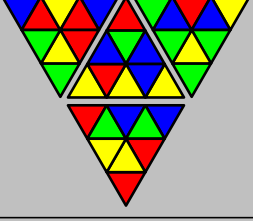
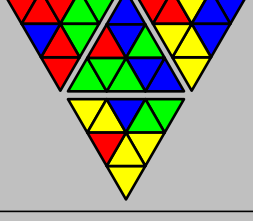
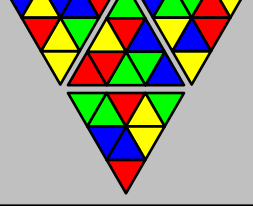
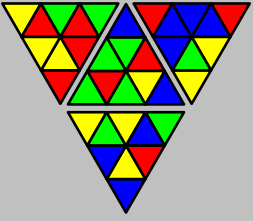
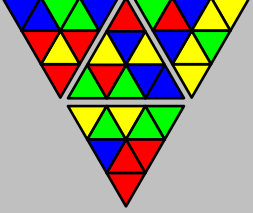
1.	D' R' B2 L' F' D2 L2 D' F' R' B U2 R2 U2 D2 L2 F L2 U2 B2	
2.	R2 B' R2 F' U2 B' D2 U2 R B' L2 R2 U F' L' R B' R2 D	
3.	B2 L B2 D2 L' U2 B2 R' D2 F L R U' F' U' R' D' L2 F2 D2	
Extra scrambles		
E1.	R2 B2 F D2 B2 F' R2 U R F2 D2 F2 D2 L' B2 U R2 F'	
E2.	F2 L2 D2 R' F2 R2 U2 R' F U2 F2 U B' F' D' R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

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Megaminx Round 1



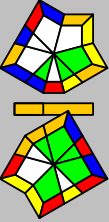
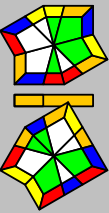
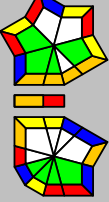
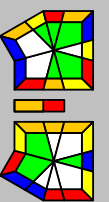
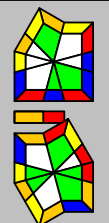
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1.	R-- D-- R-- D++ R-- D-- R++ D++ R-- D-- U' R-- D-- R++ D++ R-- D-- R-- D-- R-- D++ U R-- D-- R-- D-- R-- D++ R-- D++ R++ D++ U R++ D++ R-- D++ R++ D++ R++ D++ R-- D-- U' R++ D++ R-- D++ R++ D-- R++ D++ R++ D++ U R++ D++ R-- D++ R++ D++ R-- D++ R--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

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

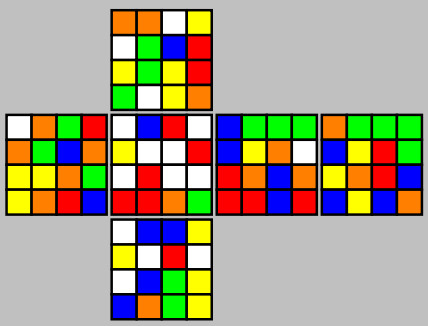
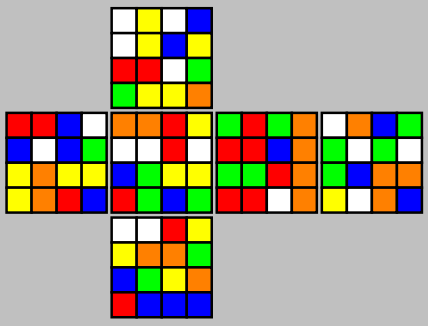
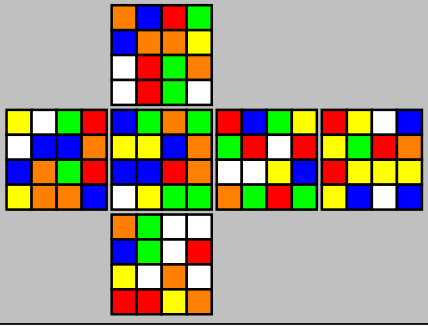
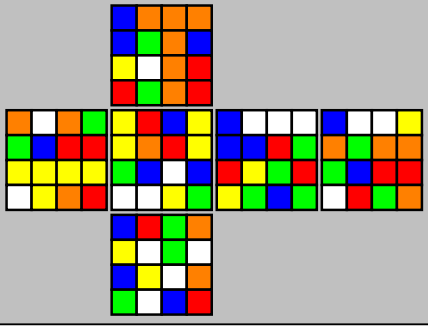
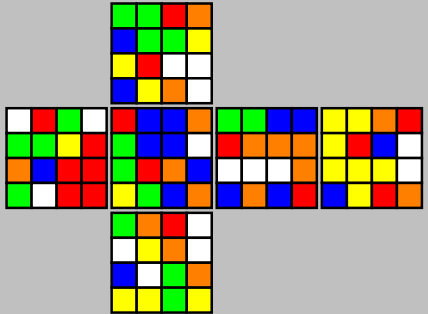
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Rubik's Clock Round 1
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1.	UR3- DR3+ DL0+ UL2+ U0+ R1- D5+ L4- ALL5+ y2 U2+ R1+ D1+ L1+ ALL6+ UR UL	
2.	UR0+ DR4- DL4+ UL4+ U2- R3+ D5+ L4- ALL1+ y2 U5+ R2- D2+ L5- ALL3+ UR DR	
3.	UR2+ DR6+ DL3- UL3- U6+ R2+ D0+ L1+ ALL5- y2 U5+ R1+ D3- L2- ALL5- UR	
4.	UR0+ DR3- DL3- UL0+ U4- R5+ D3+ L2+ ALL2- y2 U5- R5- D2+ L1+ ALL2+	
5.	UR1+ DR3- DL4- UL6+ U1- R5+ D5+ L3- ALL2+ y2 U0+ R0+ D1- L6+ ALL4- UR DR UL	
Extra scrambles		
E1.	UR0+ DR4- DL4+ UL0+ U3- R5- D1+ L3- ALL0+ y2 U5- R1+ D0+ L4- ALL1- DR	
E2.	UR4+ DR1- DL2+ UL2- U4- R2- D6+ L6+ ALL0+ y2 U1+ R4- D3+ L6+ ALL5- DL	

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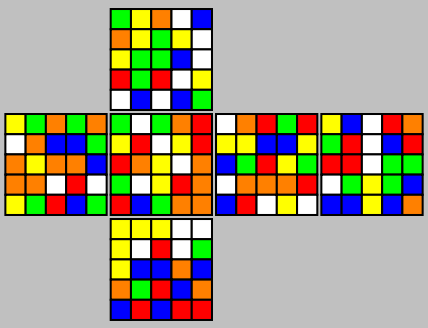
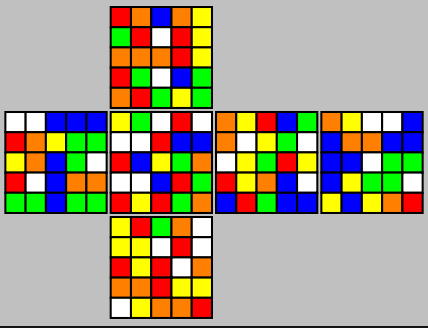
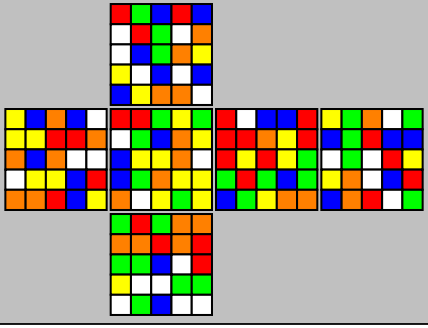
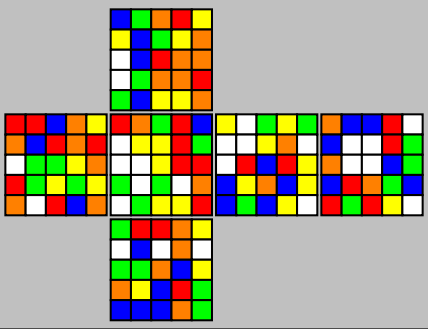
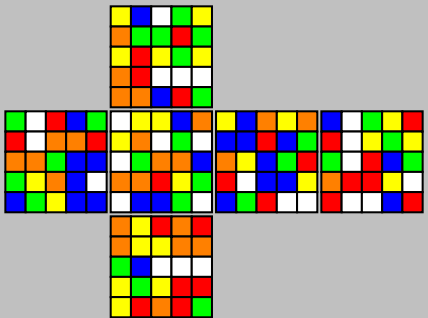
4x4x4 Cube: Blindfolded Round 1
 NU_CUBING_10-11-2015

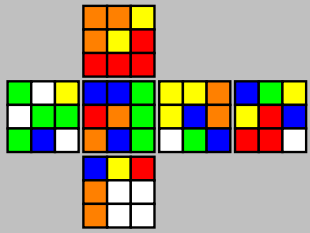
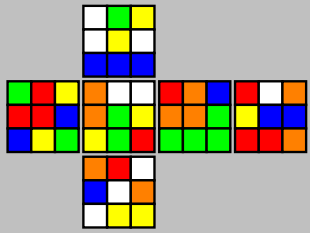
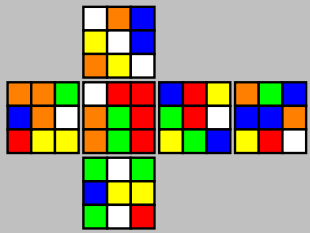
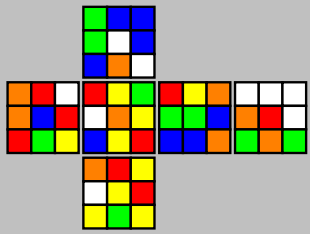
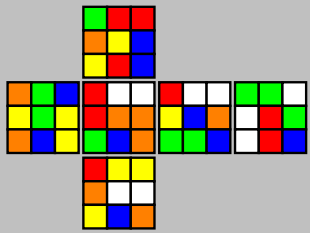
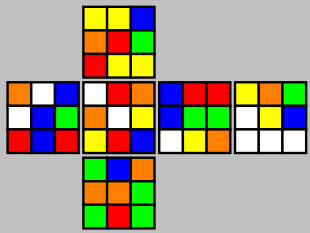
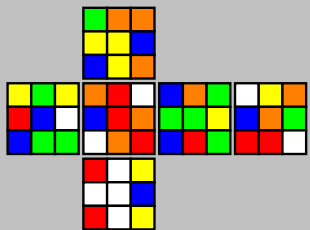
1.	R U' R B2 D B2 D' F' D' L D U F2 U B2 D' F2 U' F2 Fw2 D F Rw2 B U Rw2 Uw2 D' B2 L2 F2 Uw2 Rw' D' Rw2 Fw D' R D2 Rw Uw' Fw' D' x2 y	
2.	D2 R U' D B2 R' U' R2 U2 B' R2 F2 L2 F2 R2 D R2 U F2 Fw2 Uw2 B2 R' U Fw2 L2 B2 Rw2 D R' U2 B U2 L' Fw R Fw B' Rw' Fw2 Uw Rw L' B2 z	
3.	B2 L R D2 R F2 L B2 F' R2 B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

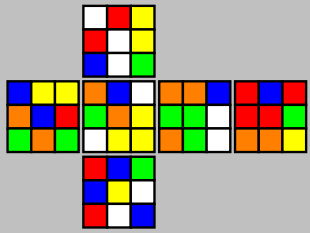
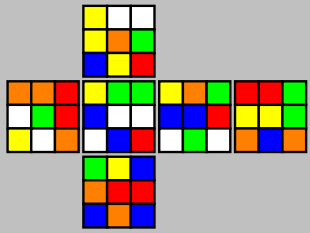
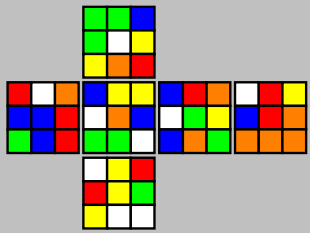
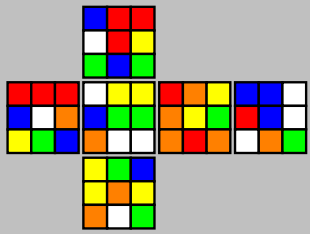
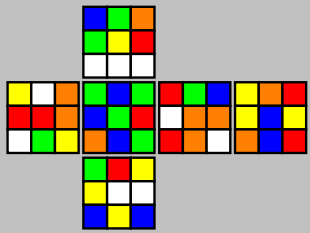
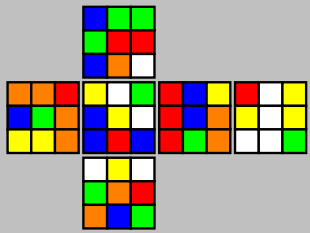
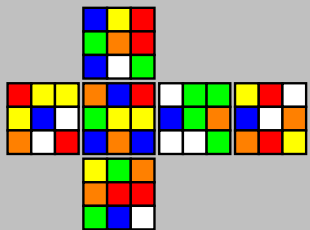
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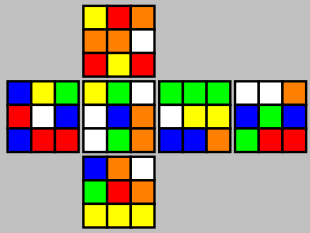
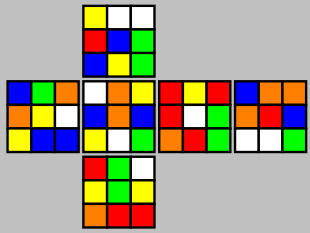
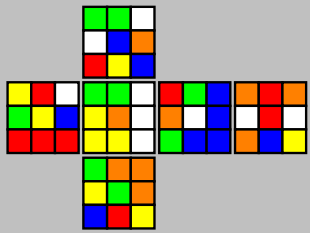
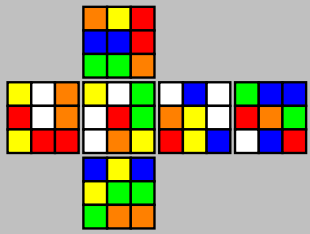
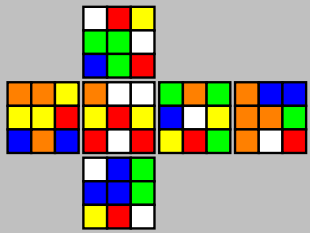
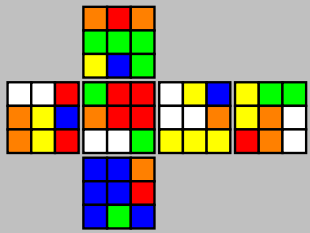
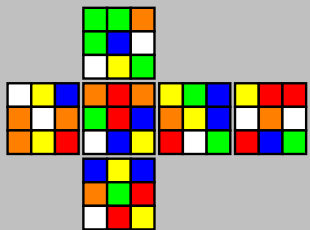
5x5x5 Cube: Blindfolded Round 1

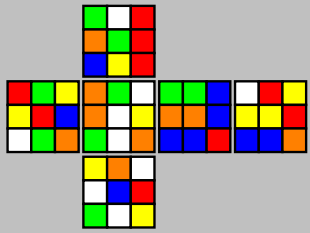
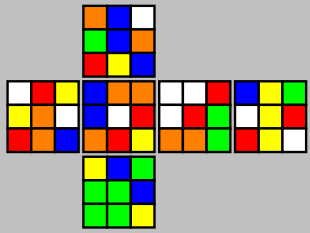
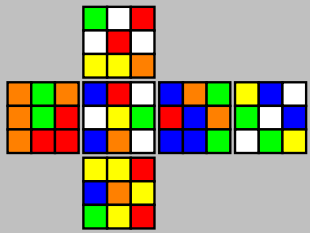
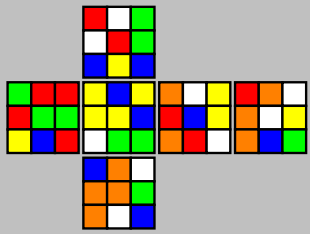
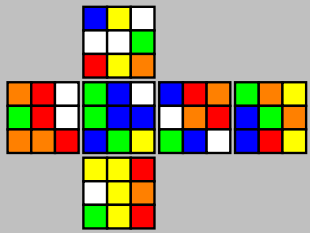
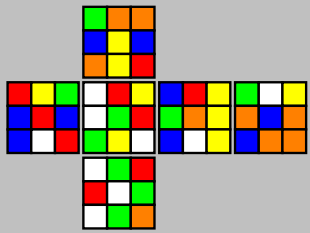
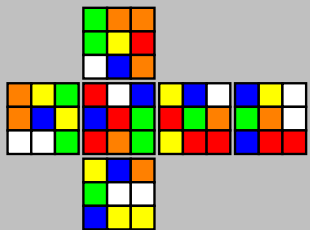
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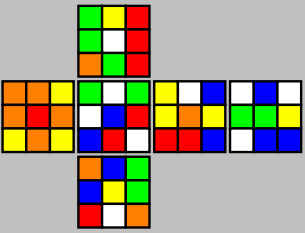
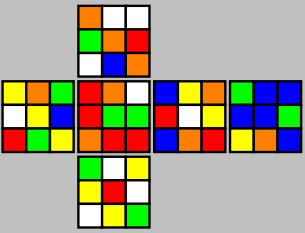
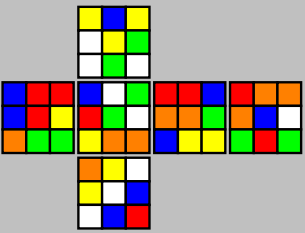
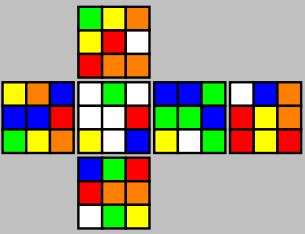
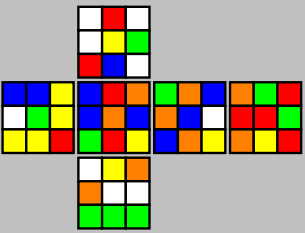
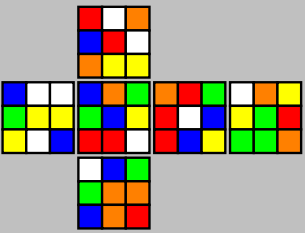
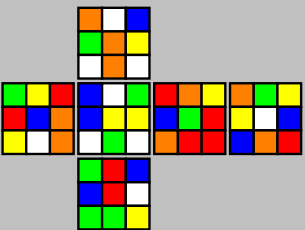
1.	D Dw2 F' R' F2 Lw Rw' L R D' F' Bw2 R' Fw R' B2 Rw R D' U Dw' L B' Dw' L Uw2 U F' B' L' D2 F' Uw' D2 Dw' U Fw L2 Uw Dw' U2 Lw' Bw2 U2 F' L' Bw' F2 Rw' Dw2 F' B' R2 B Rw F2 Uw L' F2 Uw 3Rw	
2.	Dw' Bw Rw2 Fw2 F' L Dw U2 R' U Dw2 Fw2 L2 Dw' D2 U2 Lw2 F' Uw Rw' D F2 Uw' F' Rw' Bw Rw' Dw' D F2 U' R Rw'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

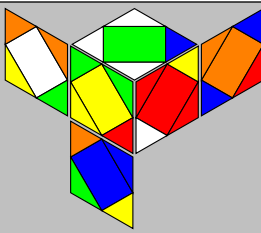
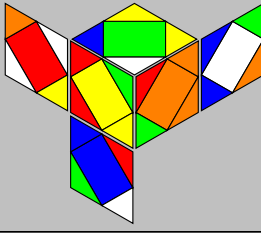
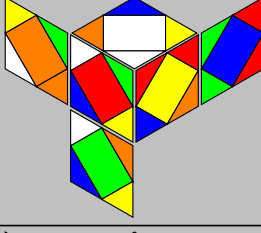
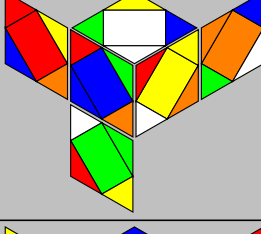
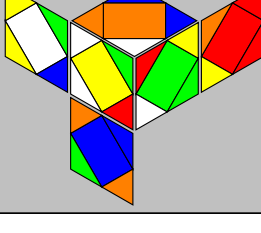
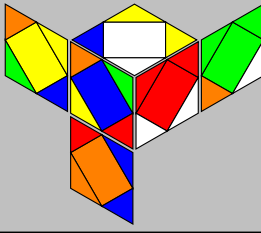
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2.	R2 D2 F' R2 U2 L2 B2 U2 F' R2 U2 L' U F D' L D U2 B F' U Rw2 Uw2	
3.	U2 B U D' R L2 F' R2 F D' R2 D2 B R2 B R2 F' U2 R2	
4.	B2 U' L2 F2 U B2 F2 L2 R' B' D L2 B2 L' F D2 L' R2 D L Uw'	
5.	D F2 D' U' F2 L2 R2 F2 R2 B' R' U2 F' D2 R' D' B R B2 F' Rw2 Uw'	
6.	B2 D B2 U2 B2 R2 B2 U2 R D F2 R2 B' L2 U R2 U2 B' R Fw' Uw'	
7.	F2 L R2 F2 L' B2 U2 L2 D L B2 U F2 L' F' U2 F' D U' Rw2 Uw	

8.	B L2 F U2 F2 D2 L2 R2 D' L U2 L2 R U B R B2 F' D' F' Uw'	
9.	U' B2 D F2 R2 D' L2 U2 B D' F U2 F R F' L B L D2 U' Fw Uw	
10.	B2 R2 U2 F2 U' R2 D' R B' L2 B' L' D' U L2 U' B' D F2 Uw'	
11.	F2 L2 U' L2 D' R2 U F' D' B2 F U' F' D2 B L R' D2 U2 Fw'	
12.	F' D2 B U2 L2 B' R2 F2 U2 F D' L2 U' R' F2 U' B L' B2 Rw2 Uw2	
13.	F2 D' R2 D R2 B2 D' L2 R' B U' R' D' R' U R2 F D' B2 U2 Fw' Uw	
14.	B2 R F2 D2 R2 F2 L' F2 D2 L2 U2 B' D' U2 B2 L R D2 U Fw Uw'	

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

22.	U L2 D F2 D2 L2 U F2 R2 B F' D U' L D' R F2 U' L D' Rw Uw2	
23.	D U R2 F2 R2 D L2 B2 D2 B F2 L' U2 B' U F U2 L' F' U Rw'	
24.	L2 U2 F2 L2 D2 L F2 L2 F2 U' L' D2 U2 B F D' U' F2 R D2 Fw' Uw	
25.	L2 U' L2 U L2 B2 D2 L2 R2 B2 U R' D2 U' F' U2 B L' D U R' Fw' Uw	
26.	D' F2 L2 D' L2 D B2 F2 U' B2 F' L U R2 D L' B' F2 U' R Uw2	
27.	F2 U B2 U B2 R2 D' R2 U' F2 L2 B' L F D' R' B L U' Rw2 Uw2	
28.	D' U2 R2 B2 L2 B2 U2 L2 F2 L B2 F' L' B F2 D' L F R B' Rw2 Uw	

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

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