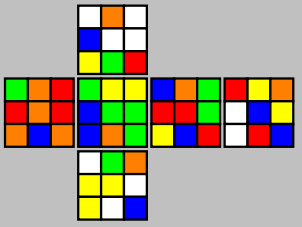
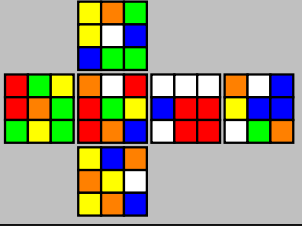
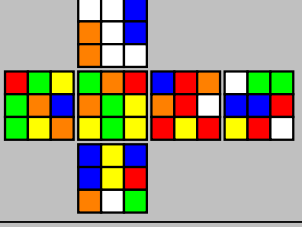
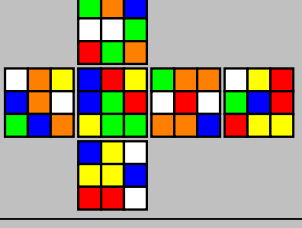
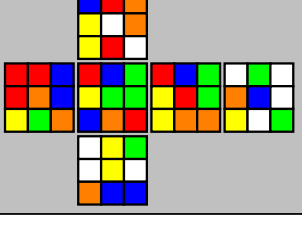
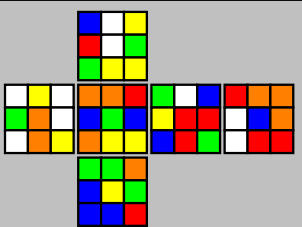
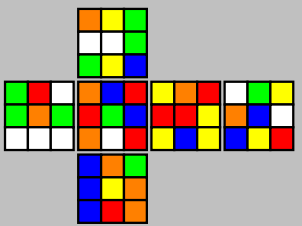
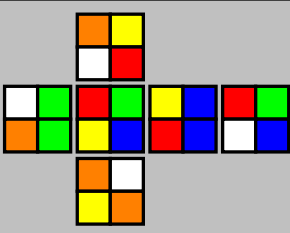
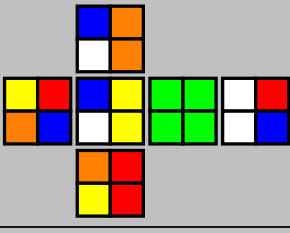
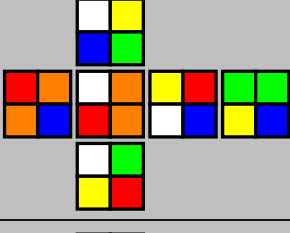
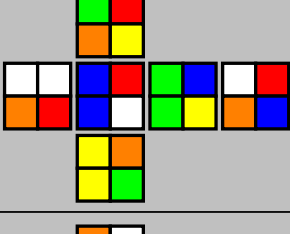
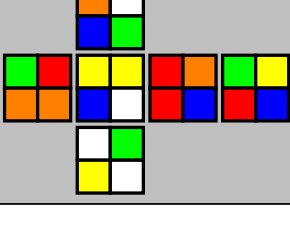
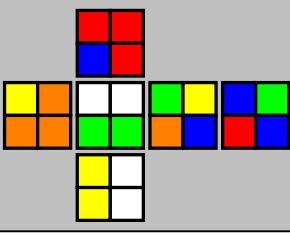
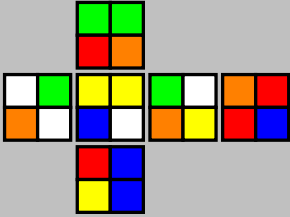
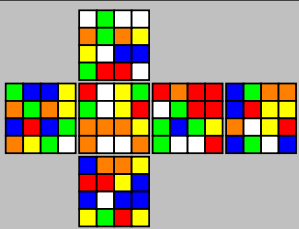
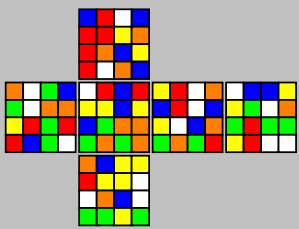
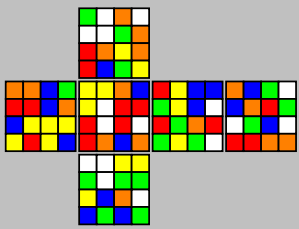
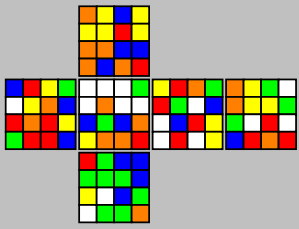
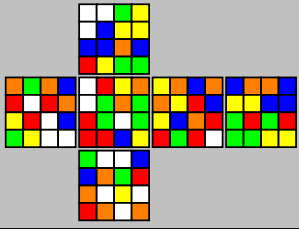
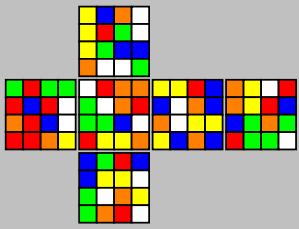
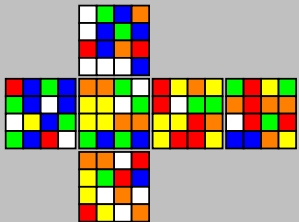


1.	U B2 D F2 D B2 D' R2 U' L2 U' B U' R' D2 L U R F' L2	
2.	U' B2 R U' D' F B2 R' B U2 F R D2 F2 R' L2 B2 R' L	
3.	U2 F2 R2 B D' F2 U D L2 F D' L2 B2 L' U2 F2 R F2 R'	
4.	R D' B U' B2 L2 F U2 F' U' L F2 B D2 L2 F' B L2 U2	
5.	R2 L' U' R2 L' D2 F2 R U' B' R' D2 B' U2 L2 U2 D2 F2 B' R2	
Extra scrambles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

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

2015/08/07

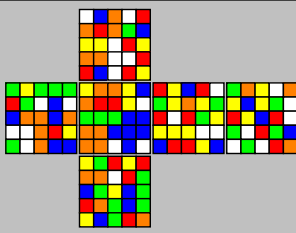
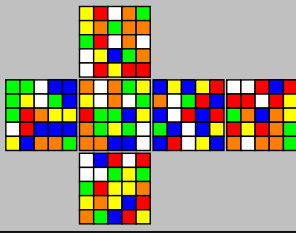
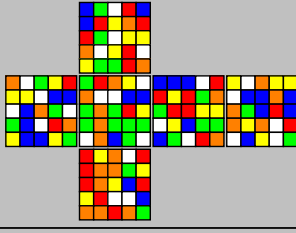
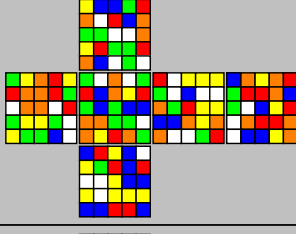
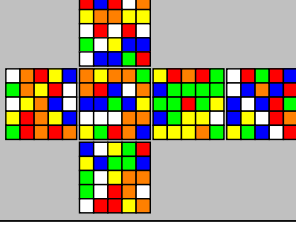
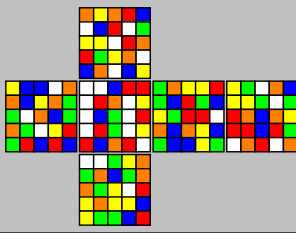
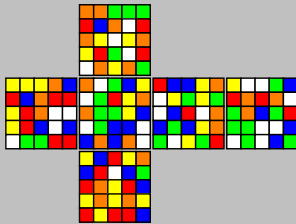
4x4x4 Cube Round 1
NU_CUBING_10-04-2015

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

2015/08/07

5x5x5 Cube Round 1

NU_CUBING_10-04-2015

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

2015/08/07

6x6x6 Cube Round 1

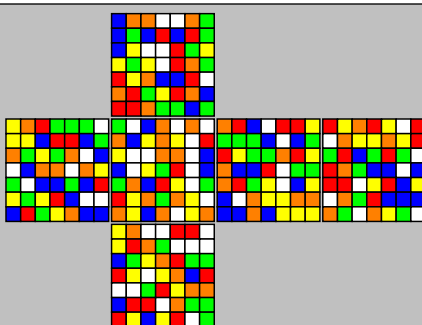
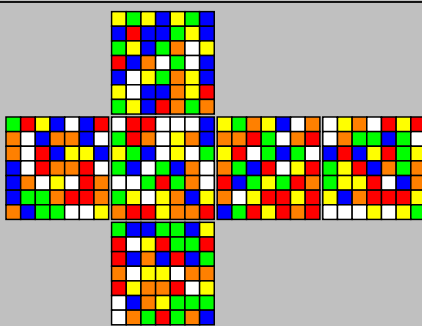
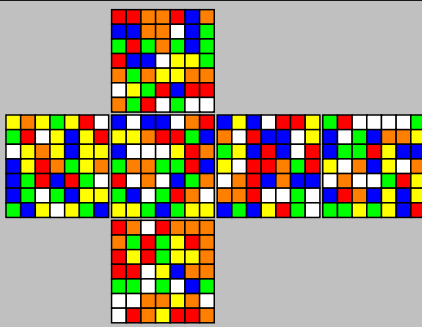
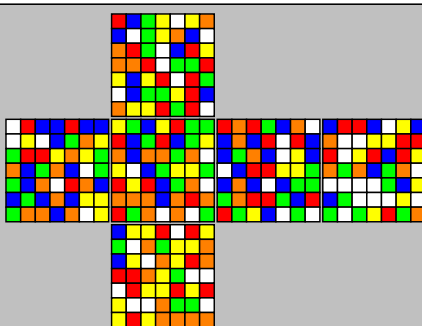
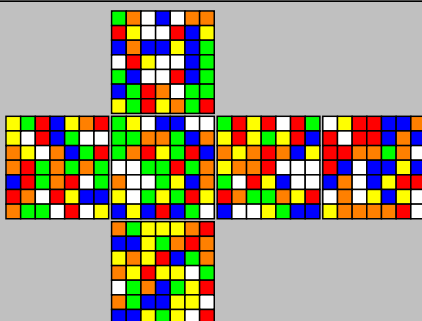
NU_CUBING_10-04-2015

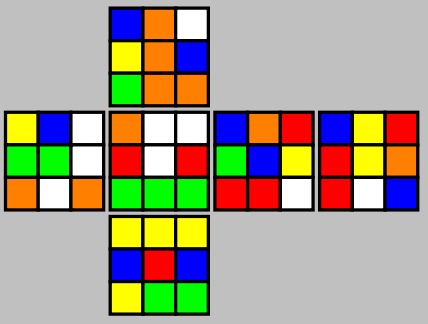
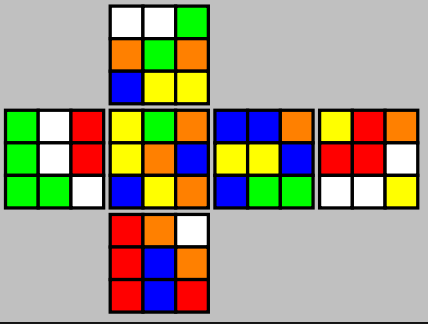
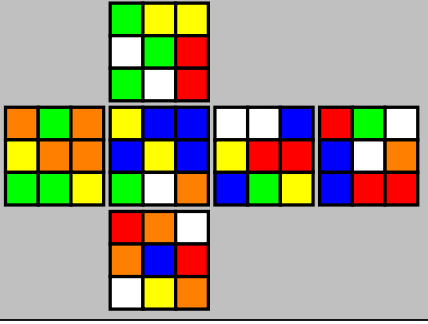
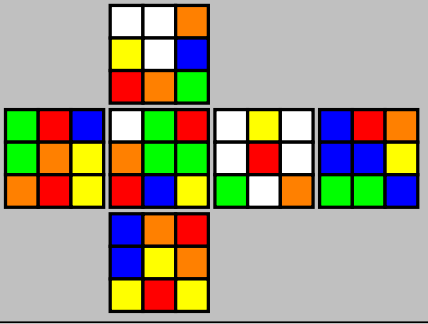
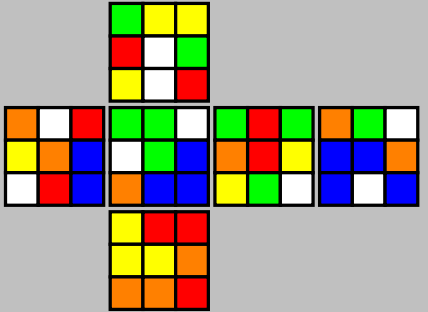
1.	U2	3Rw2	Fw'	3Fw'	F'	Rw	R'	F'	Uw'
	Rw	Uw'	Bw2	Uw'	Fw'	3Rw'	Dw'	Uw	Lw'
	U	R	Bw'	U'	Bw'	Dw'	Fw'	3Uw	U'
	B2	Dw2	Bw2	3Fw2	R2	3Rw	Uw'	Lw	B'
	3Fw2	Uw	B	Dw'	3Rw	L	B2	D	L2
	Dw'	3Rw	L	Rw	Lw	R	3Uw	Uw'	Rw
	Lw'	L'	U	Bw2	Uw2	Lw	D2	Bw2	B2
	L'	Rw2	3Fw2	U	3Uw2	Uw2	Dw'	3Fw'	F2
	Bw'	R2	Lw	Dw2	Fw'	Rw2	Dw'	U'	
2.	3Fw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

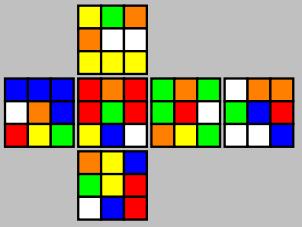
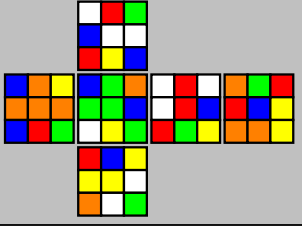
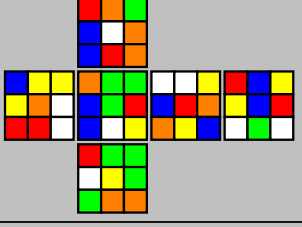
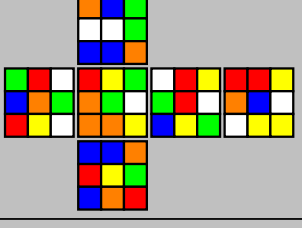
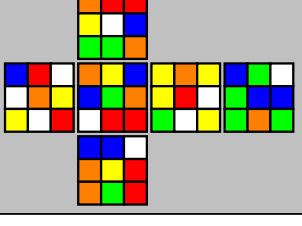
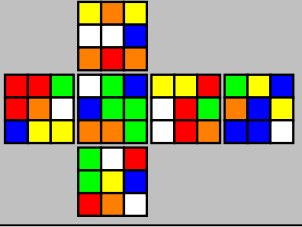
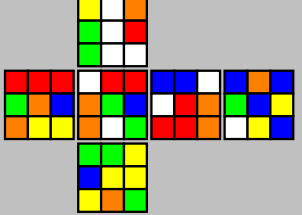
2015/08/07

7x7x7 Cube Round 1

NU_CUBING_10-04-2015

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

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

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

NU_CUBING_10-04-2015
3x3x3: Fewest Moves Round 1
Scramble 2 of 3

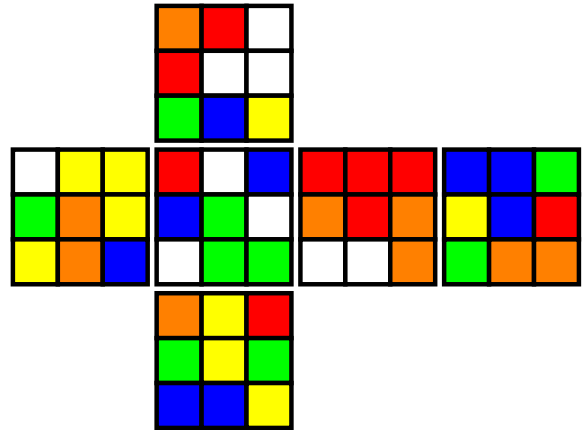
- Notate your solution by writing one move per bar.
 - To delete moves, clearly erase/blacken them.
 - Face moves F, B, R, L, U, and D are clockwise.
 - Rotations x, y, and z follow R, U, and F.
 - ' inverts a move; 2 doubles a move. (e.g.: U', U2)
 - w makes a face move into two layers. (e.g.: Uw)
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

A full-page view of a blank sheet of graph paper. The paper has a light gray background and a grid of thin, dark gray horizontal and vertical lines. The grid consists of 10 columns and 8 rows of squares. The lines are evenly spaced and extend across the entire page, leaving small margins at the top, bottom, left, and right edges.

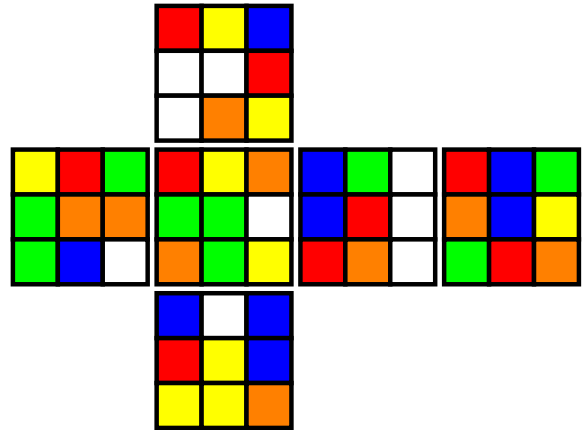
NU_CUBING_10-04-2015
3x3x3: Fewest Moves Round 1
Scramble 3 of 3

Competitor: _____

WCA ID: _ _ _ _ _

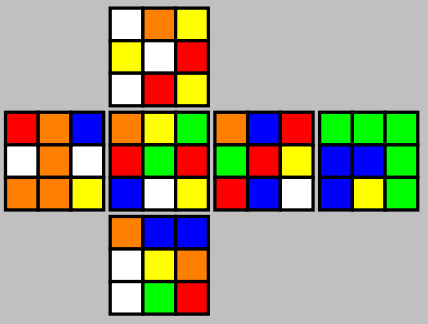
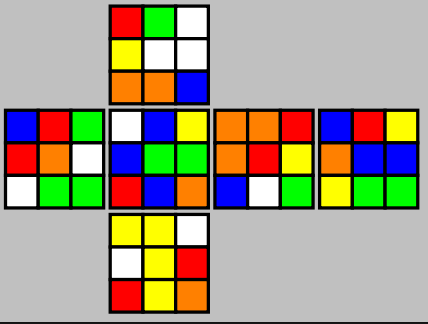
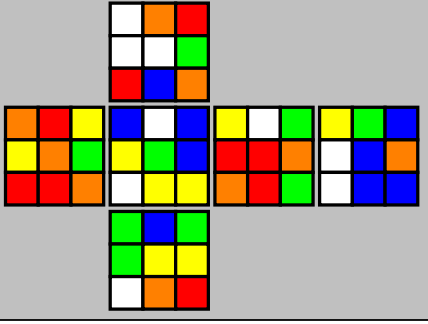
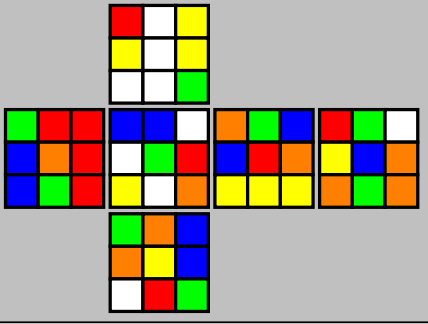
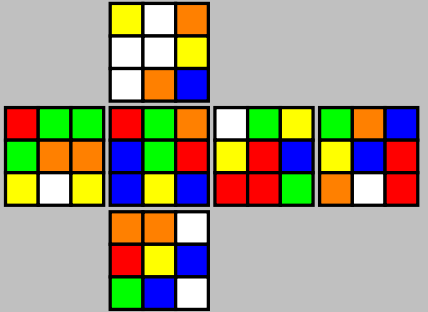
DO NOT FILL IF YOU ARE THE COMPETITOR

Graded by: _____ Result: _____



Scramble: B2 F2 R U2 B2 D2 U2 R B2 U' B' L2 B D' B2 F U2 L R2 F2

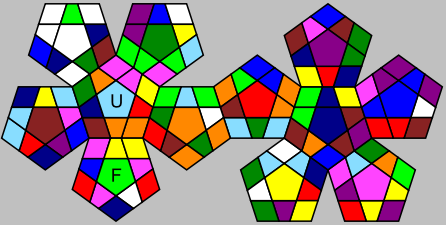
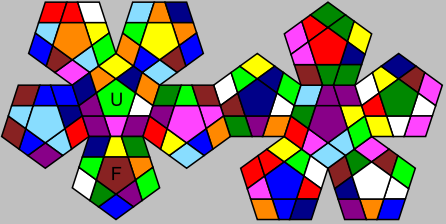
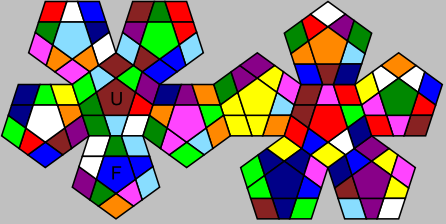
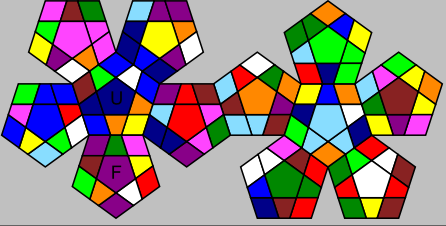
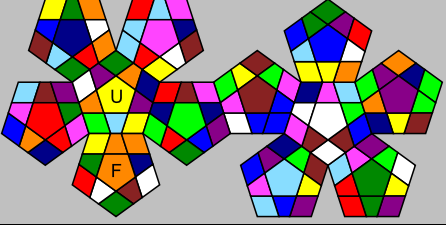
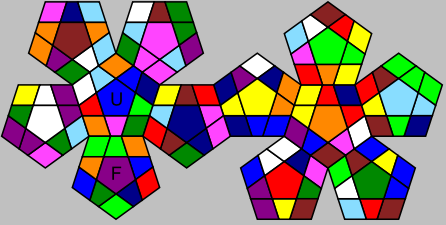
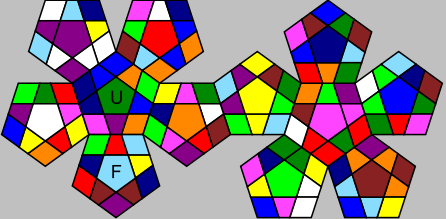
This image shows a full page of blank graph paper. The grid consists of horizontal and vertical lines spaced evenly apart, creating a series of small squares across the entire page. There are no margins, text, or other markings present.

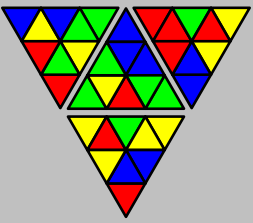
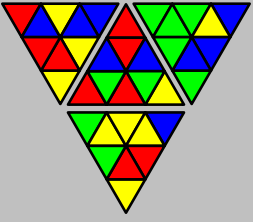
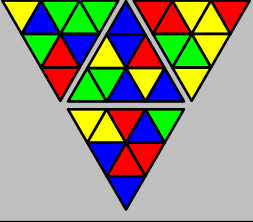
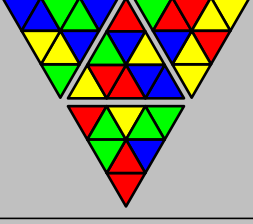
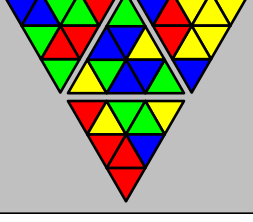
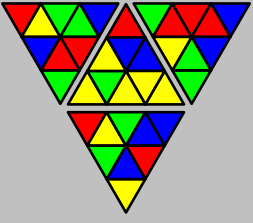
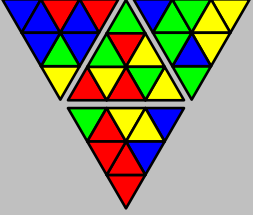
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2.	R2 F2 R F2 R D2 B2 F2 D L2 D2 F2 R B2 R' F U' R2 F'	
3.	R2 L2 F' D2 R F2 U' R2 U2 R' F2 L2 F' U2 F2 D2 B' U2 D2	
Extra scrambles		
E1.	F2 R L D' B R' U2 F' U' B U B2 R2 U F2 B2 L2 F2 U	
E2.	B R U' D L' U2 F' U' B' D R' F2 U L2 D' F2 R2 L2 F2	












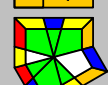

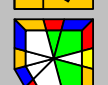
2015/08/07

Megaminx Round 1

NU_CUBING_10-04-2015

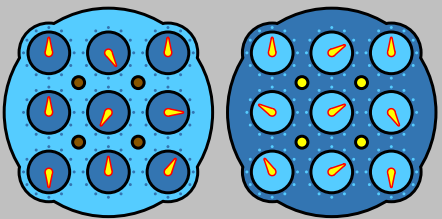
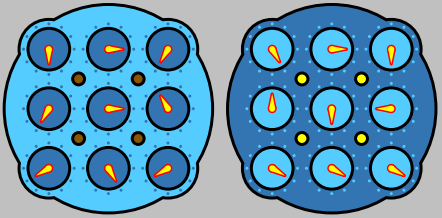
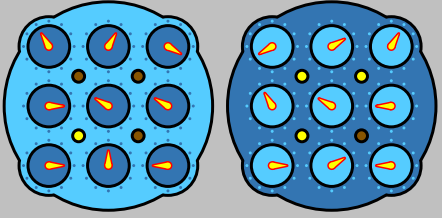
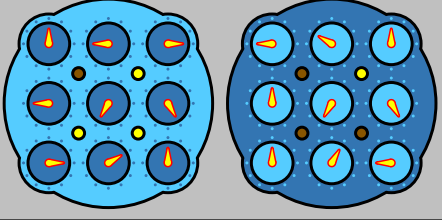
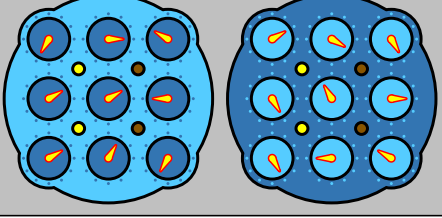
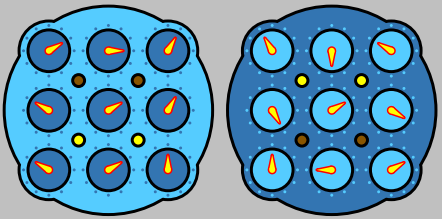
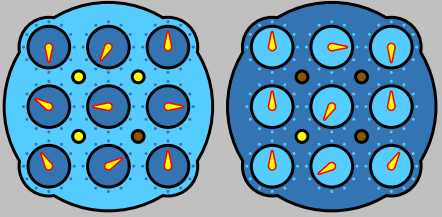
1.	R++ D++ R-- D++ R++ D++ R++ D++ R-- D++ U R++ D++ R-- D++ R-- D++ R-- D++ R-- D++ U R-- D-- R-- D++ R-- D++ R-- D++ R-- D++ U R++ D++ R++ D-- R++ D++ R-- D-- R-- D++ U R-- D-- R-- D-- R-- D++ R-- D-- R-- D++ U R-- D++ R-- D++ R-- D++ R-- D-- R++ D++ U R++ D++ R++ D++ R++ D-- R++ D-- R++ D++ U	
2.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

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

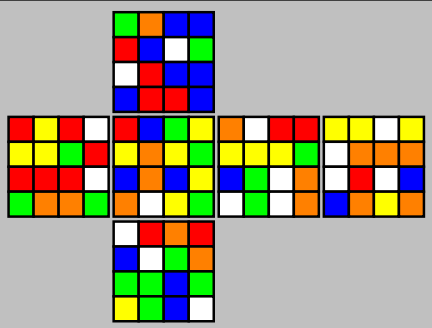
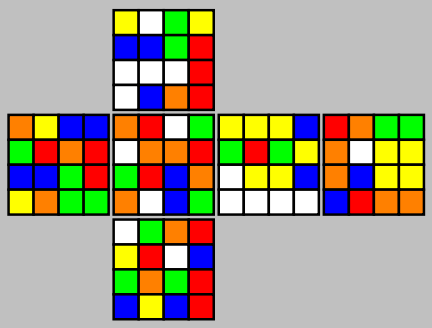
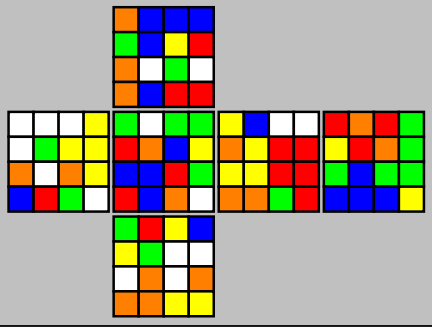
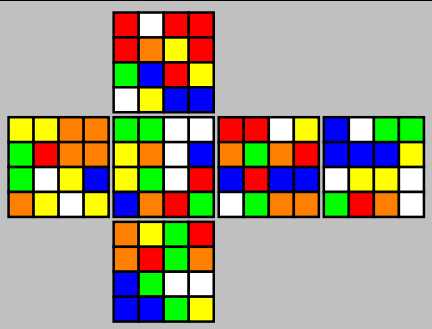
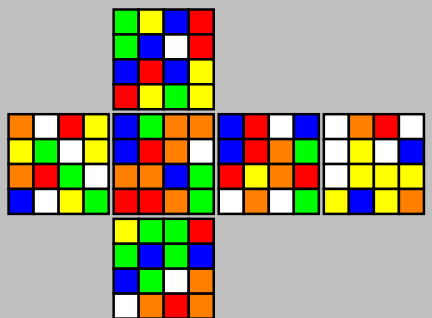
2015/08/07

Rubik's Clock Round 1
NU_CUBING_10-04-2015

1.	UR3- DR3+ DL5+ UL6+ U3- R4+ D4+ L2- ALL0+ y2 U5- R5- D2+ L4+ ALL1-	
2.	UR5- DR5- DL5- UL6+ U1+ R4+ D1+ L4- ALL1+ y2 U2- R4- D0+ L4+ ALL5+	
3.	UR0+ DR6+ DL6+ UL1+ U5- R5+ D4- L6+ ALL5- y2 U2- R5- D3- L0+ ALL4- DL	
4.	UR6+ DR1+ DL3+ UL2+ U2- R0+ D5+ L3- ALL5- y2 U5+ R2- D2- L2+ ALL4+ UR DR DL	
5.	UR2- DR2+ DL0+ UL2- U6+ R6+ D5+ L2- ALL2- y2 U1+ R0+ D1- L5+ ALL3- DL UL	
Extra scrambles		
E1.	UR1+ DR4+ DL1+ UL1+ U3+ R4+ D3+ L4- ALL1+ y2 U0+ R4+ D1- L1+ ALL2- DR DL	
E2.	UR5- DR5+ DL6+ UL3+ U1+ R5- D5+ L2- ALL1- y2 U5- R1- D2+ L6+ ALL5- UR DL UL	

2015/08/07

4x4x4 Cube: Blindfolded Round 1
 NU_CUBING_10-04-2015

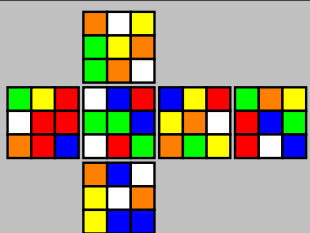
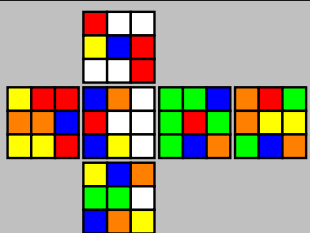
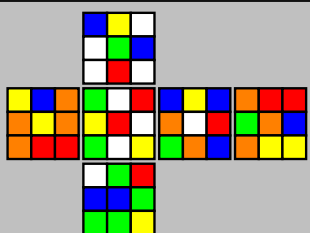
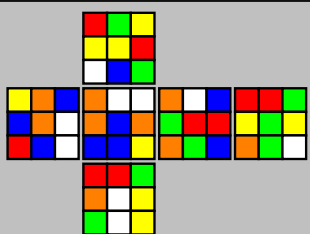
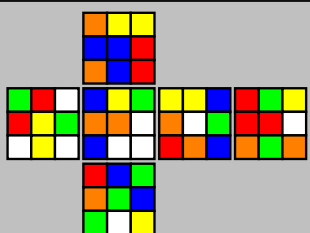
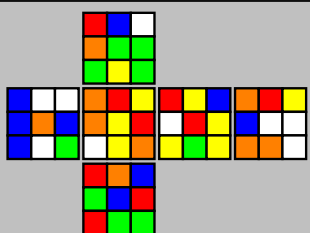
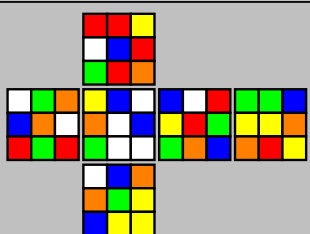
1.	L' R' F2 L D2 B' D' B'	
	F' R' D2 B2 U2 L2 B2 R	
	F2 L F2 R2 Fw2 Uw2 L' B'	
	L2 R2 B L2 Uw2 R2 Uw' Fw2	
	F2 L' U B2 Fw R2 F2 U2	
	Rw' Fw' B2 z y2	
2.	D2 B L2 D2 B R2 U2 F2	
	U2 D' B' L2 U2 F2 R' U2	
	F D2 F2 Fw2 Uw2 U' L D'	
	Fw2 R' Uw2 U2 Rw2 F2 L' U2	
	Fw' D' F' Rw2 Fw2 R Rw' Fw	
	U2 D' Rw' F2 Uw' x'	
3.	U' L2 D2 B2 R2 U' L2 U'	
	D2 L B' U L2 U2 D F	
	U2 B' Uw2 Fw2 U' B Uw2 D'	
	B U Fw2 D U2 Fw2 F2 Rw	
	Uw2 L2 Uw2 D Fw Uw Rw F'	
	L Fw R' x' y2	
Extra scrambles		
E1.	R F' U2 F' D2 U2 F L'	
	F L' U B2 R2 L2 D' L2	
	D B2 Fw2 Uw2 U Rw2 D' L2	
	Fw2 B D2 Rw2 D Fw2 Rw F'	
	R F2 R2 F' Uw' Rw L2 Uw	
	Rw' B' Uw' z' y'	
E2.	F2 B' R2 F B2 R F' L2	
	U L' B' D2 F2 D2 L U2	
	L' B2 L2 F2 Rw2 U2 B' U2	
	Fw2 R Uw2 L2 F' R Fw2 Uw'	
	Rw2 F' Rw2 Uw' Fw2 Uw' Rw D'	
	U' Fw2 Uw' B' x y2	

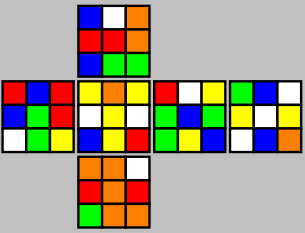
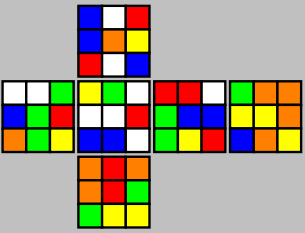
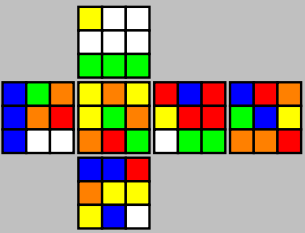
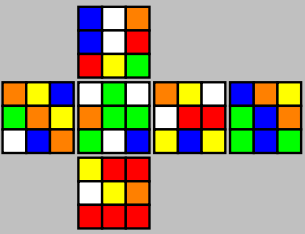
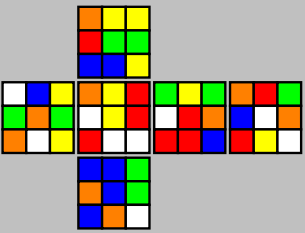
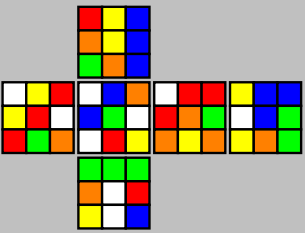
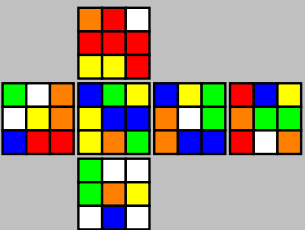
2015/08/07

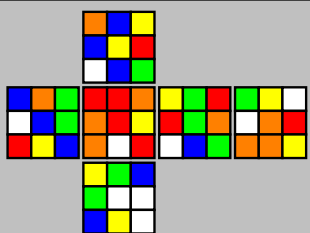
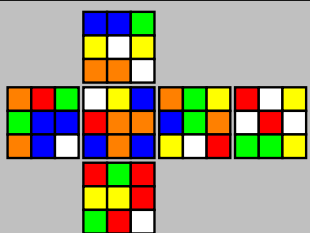
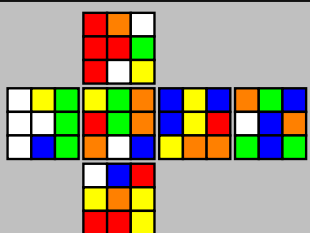
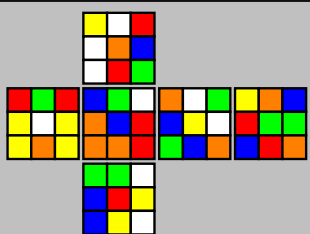
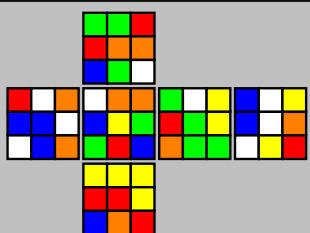
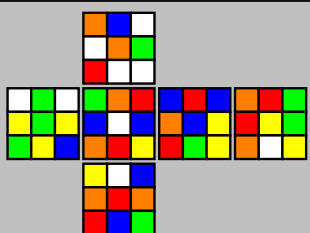
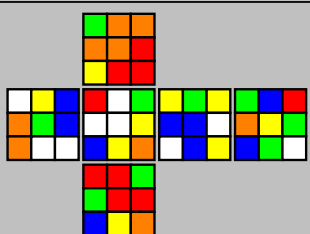
5x5x5 Cube: Blindfolded Round 1

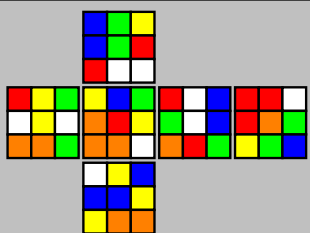
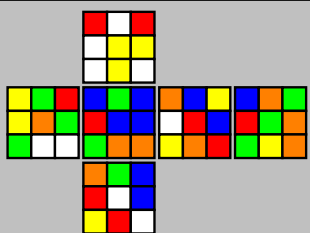
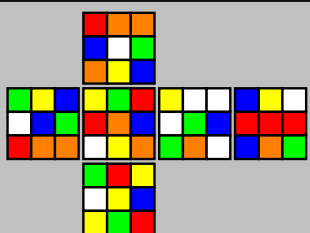
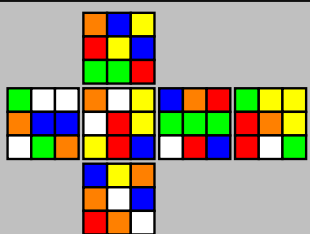
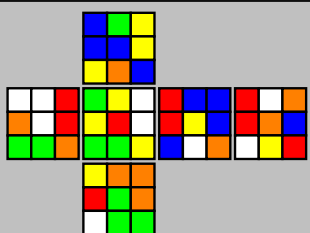
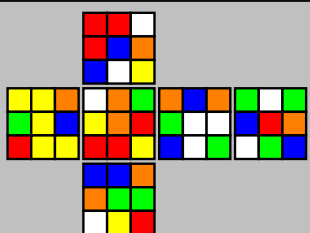
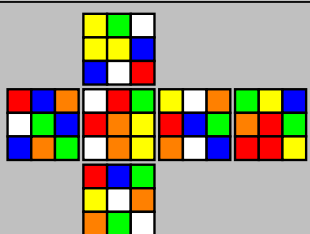
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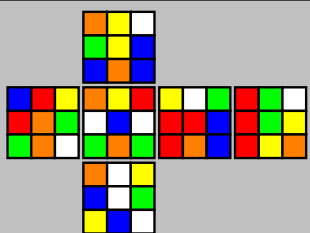
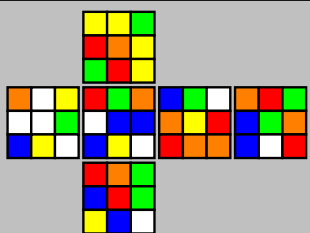
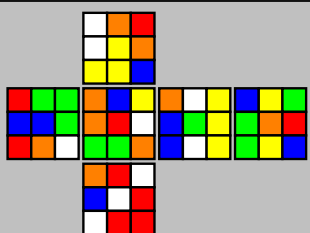
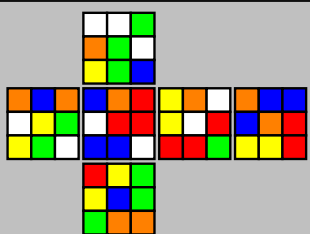
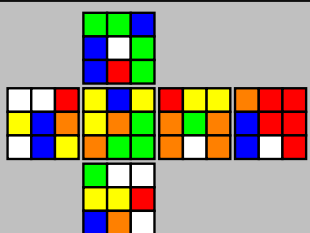
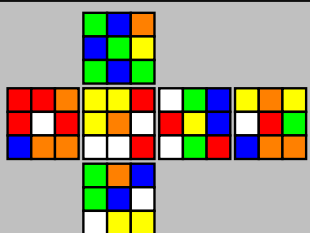
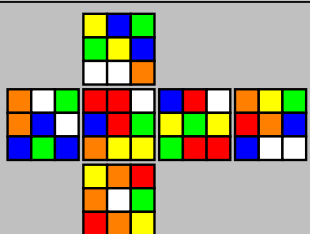
1.	D	B	Dw'	Uw'	D	F	Dw'	Fw2
	Uw2	F'	R	Dw'	Lw	U	Lw'	B2
	Rw	U	L'	F'	Uw'	Lw'	L'	D
	B'	Rw2	D2	U2	Dw2	Fw2	U2	R2
	Lw'	Fw2	Lw	B'	Uw'	Rw	R	U2
	F'	R2	Uw'	U2	Dw	F'	U	Uw2
	Lw2	Dw	B2	F2	Rw'	R2	D	R
	Rw'	Uw	Fw	3Rw2				
2.	D'	F'	L'	B	U'	F	B'	R'
	Rw2	B	R2	Dw	Uw2	L	Rw	U2
	Lw'	Bw	R	D2	Fw'	Rw	R	L'
	Lw'	Uw'	Fw2	L2	Uw2	D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

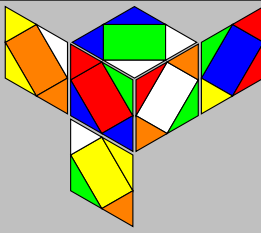
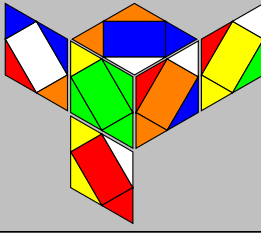
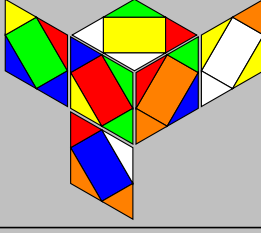
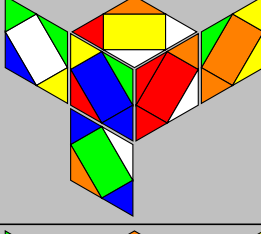
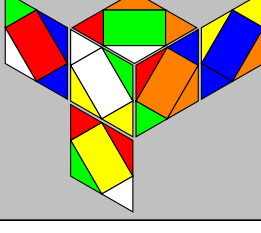
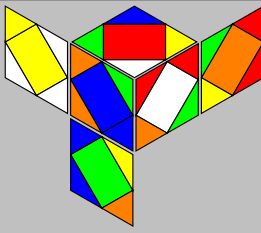
1.	L2 R D2 U2 B2 L' R2 B2 U2 B R D U2 L' F' D B' U F2 D2 Rw2 Uw2	
2.	L2 U2 B R2 U2 F' R2 F2 D2 B2 U2 L U' R2 D' F' R U' B2 D2 B' Rw'	
3.	F2 R' U2 R D2 R' F2 L2 R2 F R U F' D' L F L2 D F' U' Rw Uw	
4.	U B2 D U F2 L2 U R2 D' F' L' U L2 B U' F' U2 F' R U2 Rw2	
5.	F2 D2 R2 D' L2 U2 B2 F2 D' F' R2 D' L R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

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

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

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

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

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