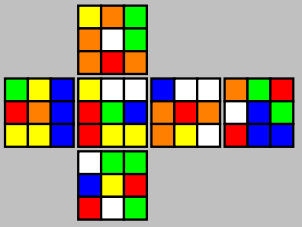
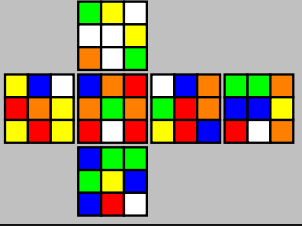
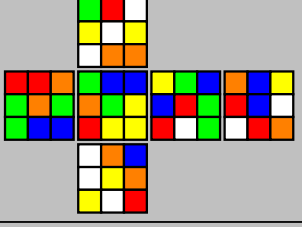
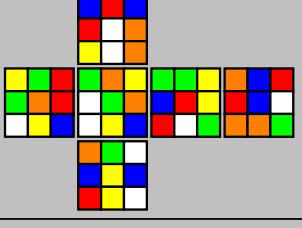
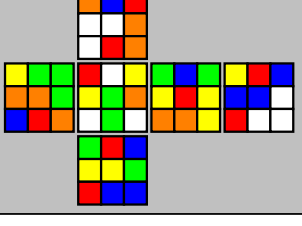
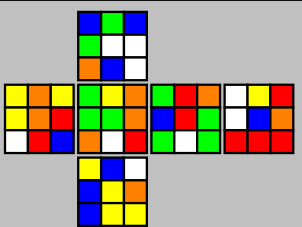
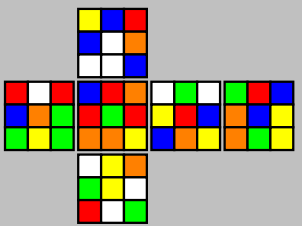
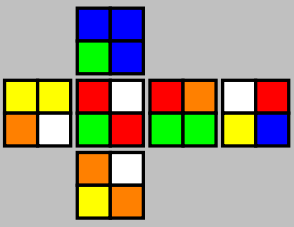
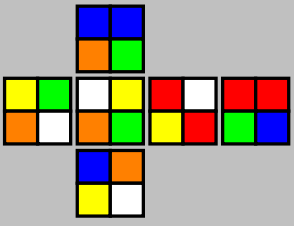
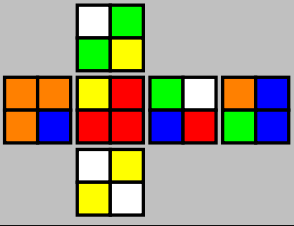
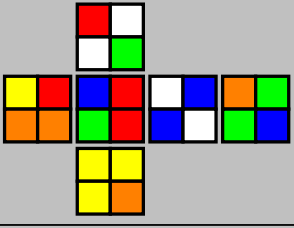
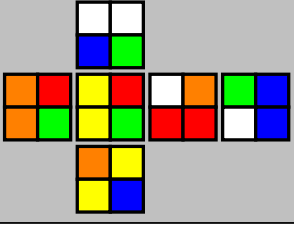
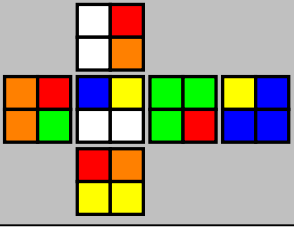
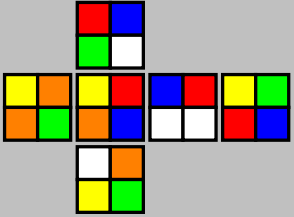
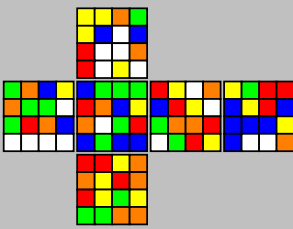
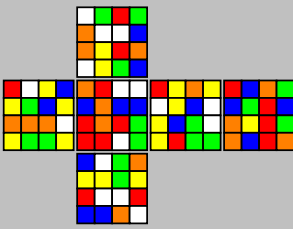
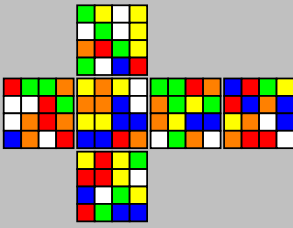
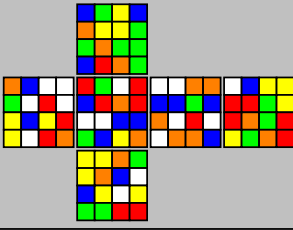
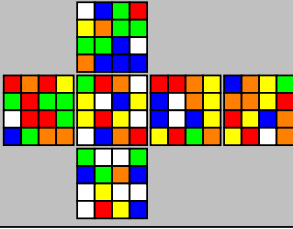
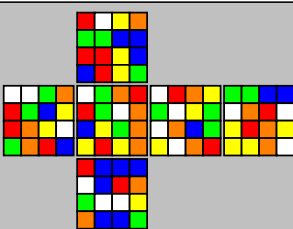
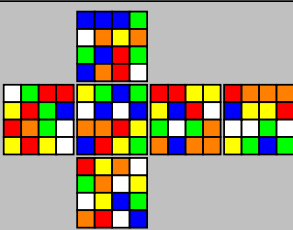


1.	B' U2 D F' B' R B2 U2 D2 F' R F U2 B2 L2 B' U2 F B	
2.	U2 B F' D2 B U2 B' U2 R D F L' D R U B D' F2 D	
3.	D2 R2 U B2 D' R2 F2 U B2 D' B R' F' L2 F U B2 D' R F	
4.	R F2 R2 F2 B' R2 U R D' L' F' U2 F2 U2 R U2 R' F2 R2	
5.	B U F U2 L2 B' U R' B2 L B U D' L2 B2 L2 F2 D B2	
Extra scrambles		
E1.	D2 B2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

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

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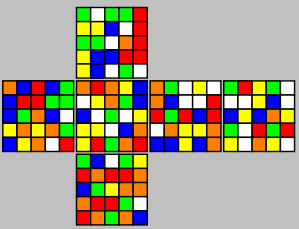
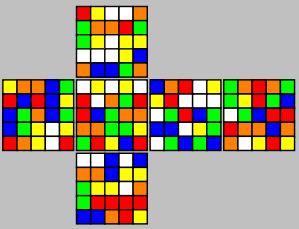
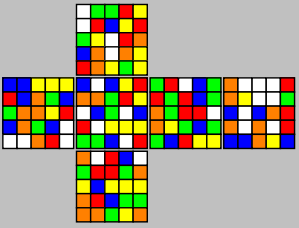
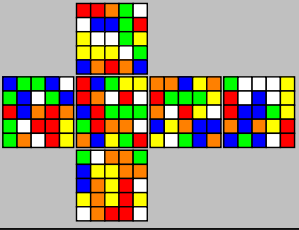
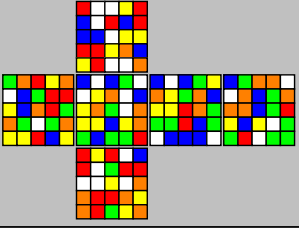
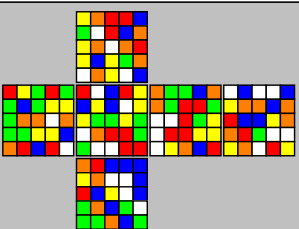
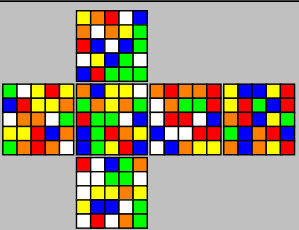
4x4x4 Cube Round 1
NU_CUBING_11-08-2015

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

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5x5x5 Cube Round 1

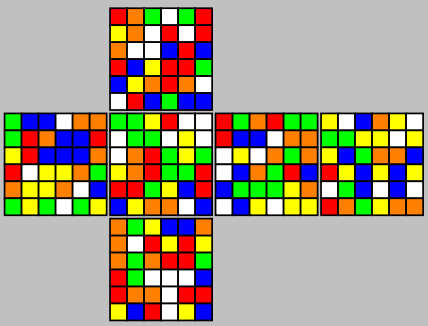
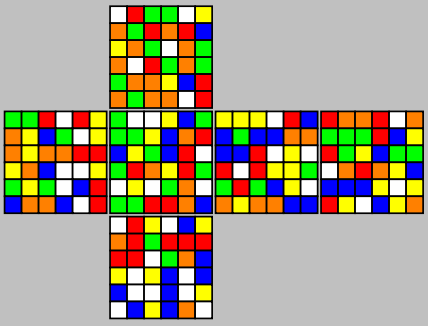
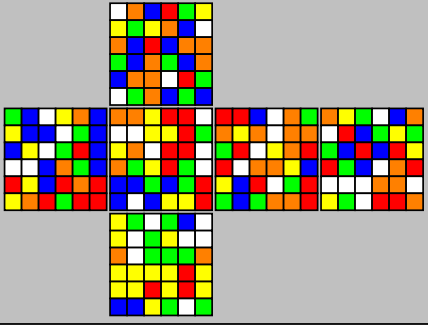
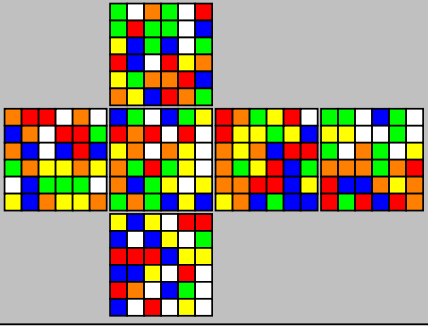
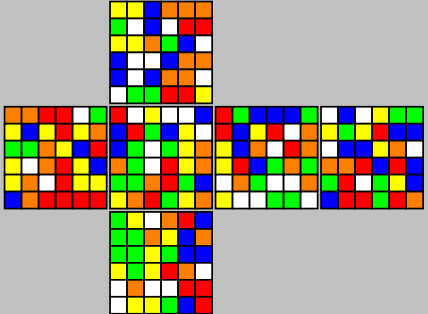
NU_CUBING_11-08-2015

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

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6x6x6 Cube Round 1

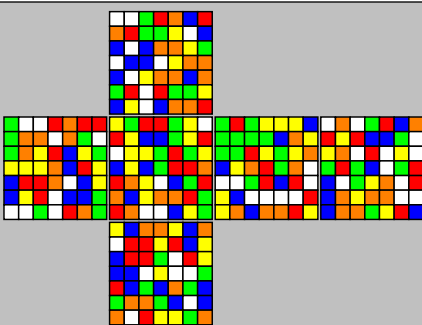
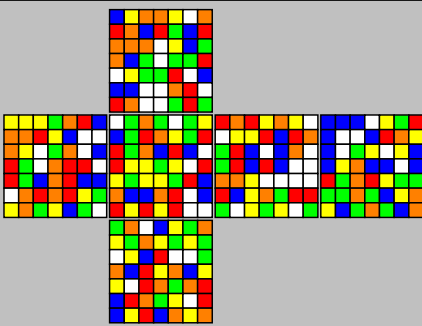
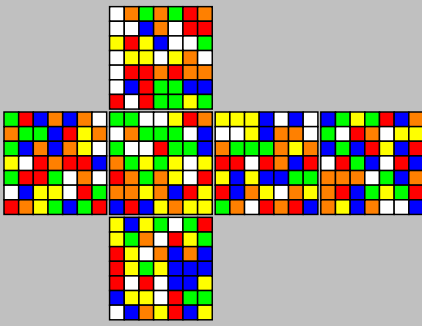
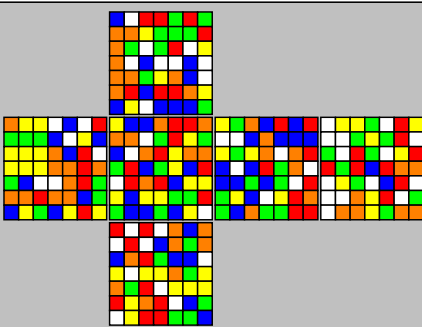
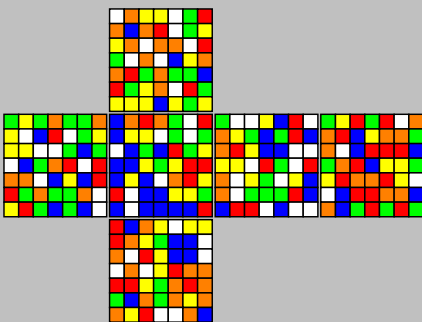
NU_CUBING_11-08-2015

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

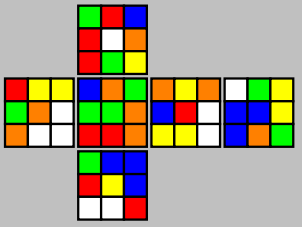
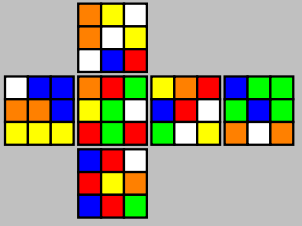
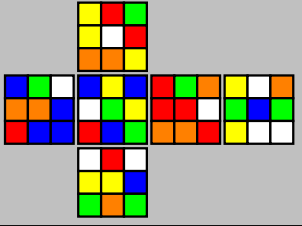
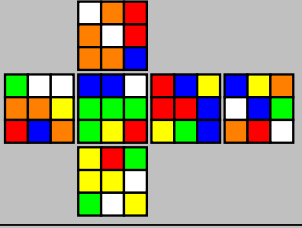
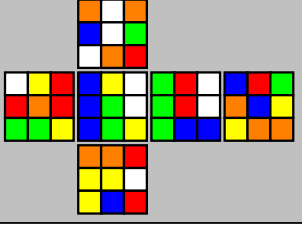
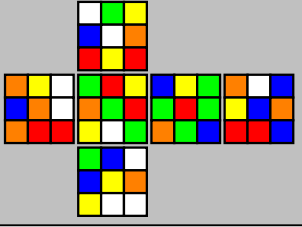
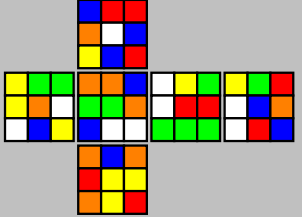
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7x7x7 Cube Round 1

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

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

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

NU_CUBING_11-08-2015
3x3x3: Fewest Moves Round 1
Scramble 1 of 3

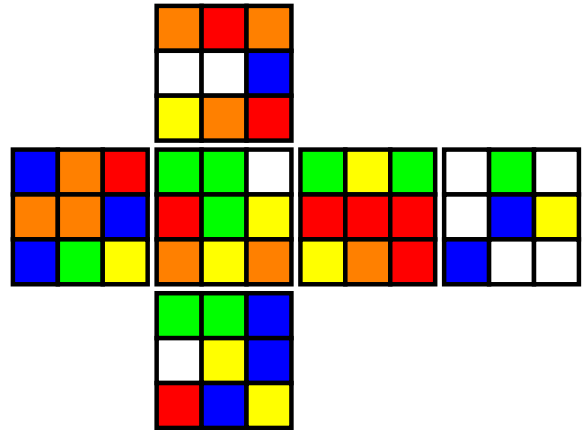
- Notate your solution by writing one move per bar.
 - To delete moves, clearly erase/blacken them.
 - Face moves F, B, R, L, U, and D are clockwise.
 - Rotations x, y, and z follow R, U, and F.
 - ' inverts a move; 2 doubles a move. (e.g.: U', U2)
 - w makes a face move into two layers. (e.g.: Uw)
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

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. There are no markings, text, or other features on the paper.

Fewest Moves

- 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.

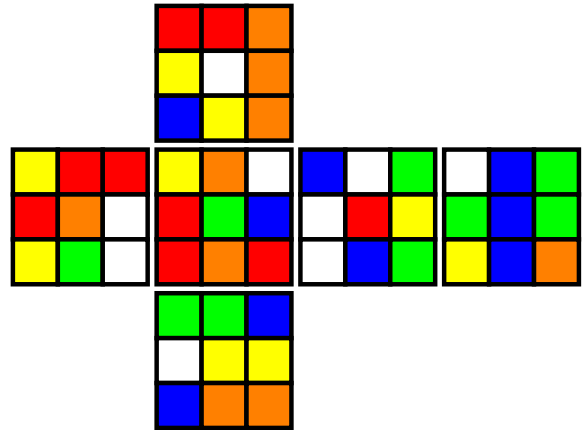
NU_CUBING_11-08-2015
3x3x3: Fewest Moves Round 1
Scramble 2 of 3

Competitor: _____

WCA ID: _ _ _ _ _

DO NOT FILL IF YOU ARE THE COMPETITOR

Graded by: _____ Result: _____



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

[illegible]

NU_CUBING_11-08-2015
3x3x3: Fewest Moves Round 1
Scramble 3 of 3

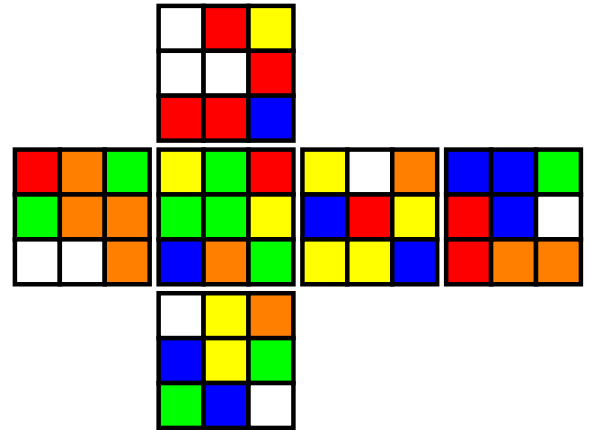
- Notate your solution by writing one move per bar.
 - To delete moves, clearly erase/blacken them.
 - Face moves F, B, R, L, U, and D are clockwise.
 - Rotations x, y, and z follow R, U, and F.
 - ' inverts a move; 2 doubles a move. (e.g.: U', U2)
 - w makes a face move into two layers. (e.g.: Uw)
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

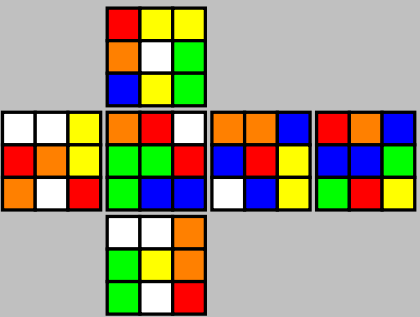
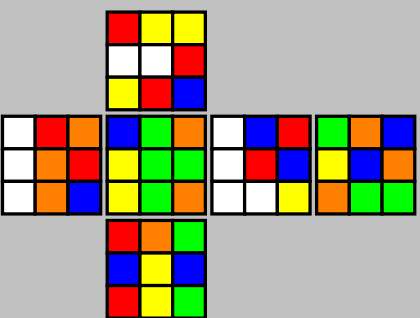
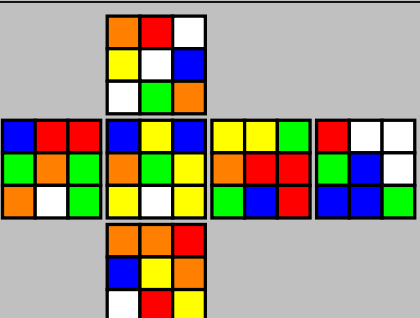
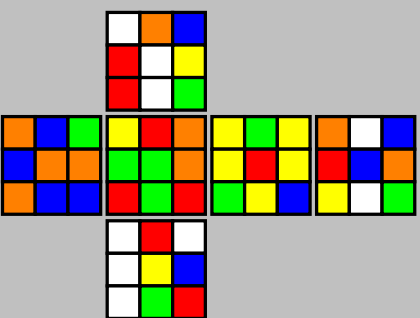
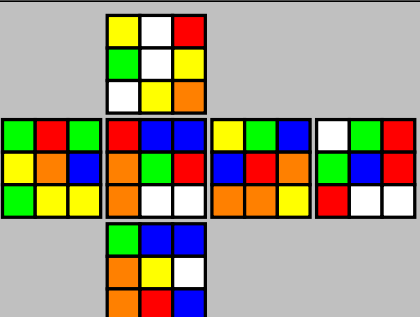
DO NOT FILL IF YOU ARE THE COMPETITOR

Graded by: _____ Result: _____



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

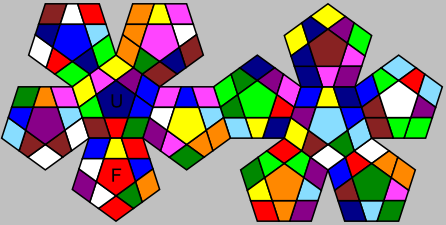
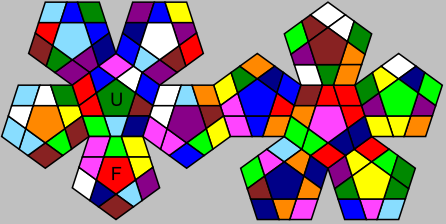
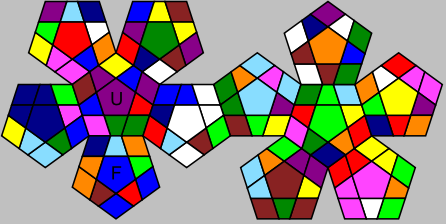
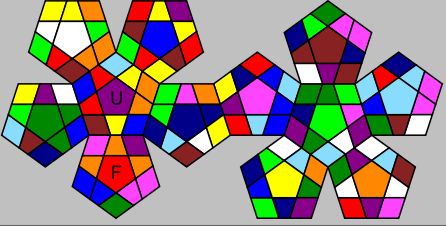
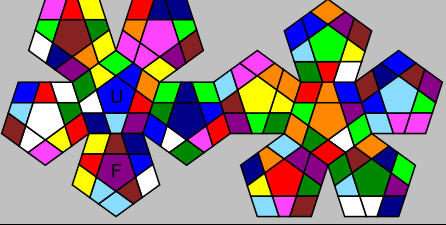
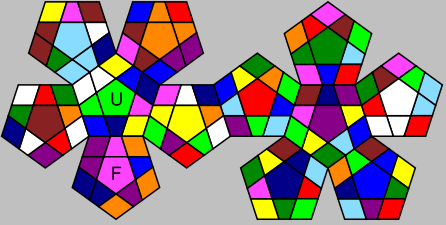
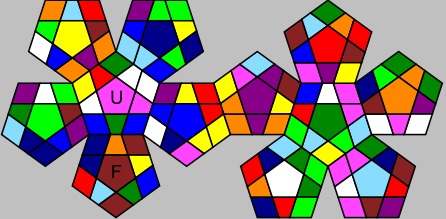
This image shows a full page of blank graph paper. The grid consists of thin, light gray horizontal and vertical lines that intersect to form small squares across the entire page. There are no margins, text, or other markings present.

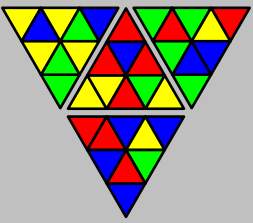
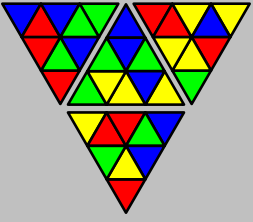
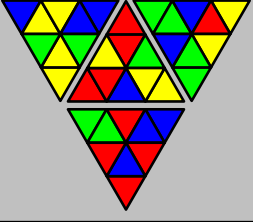
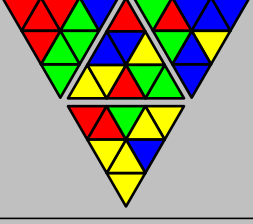
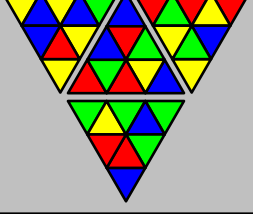
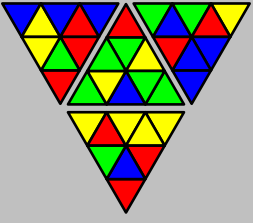
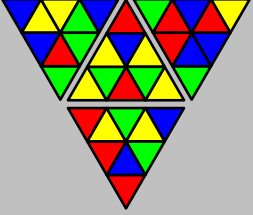
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2.	L2 B D2 L2 D' L2 F2 R2 F' U' D2 F2 D2 B2 R U2 F2 L'	
3.	F2 D2 B R2 D2 L2 U2 B F2 R2 U2 R U L B D2 B' R2 U' B	
Extra scrambles		
E1.	D L2 F2 D2 U' R2 D F2 L2 R2 U' B' R U' L' R2 D2 L B R	
E2.	F2 D' F2 R U2 B U' D' R U' D2 F2 U2 R2 U2 F D2 F' U2 D2	

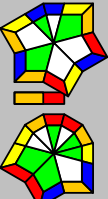

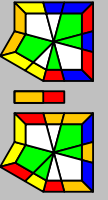




2015/08/07

Megaminx Round 1

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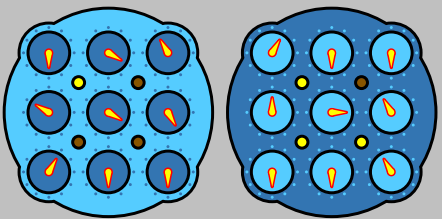
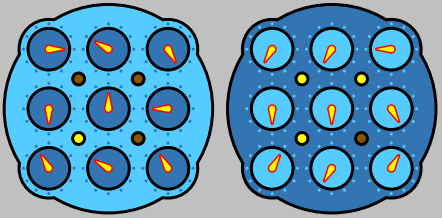
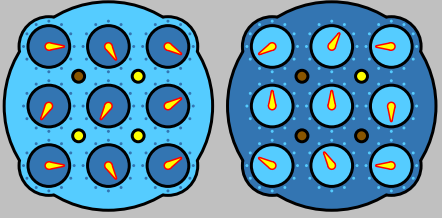
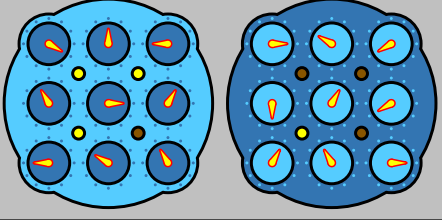
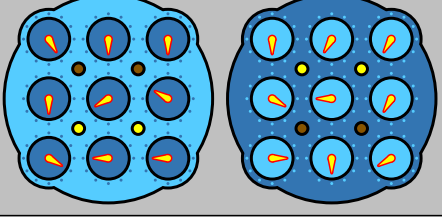
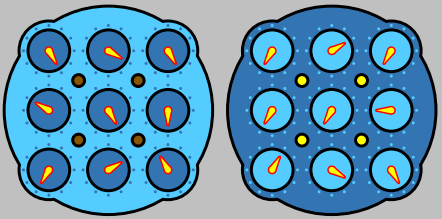
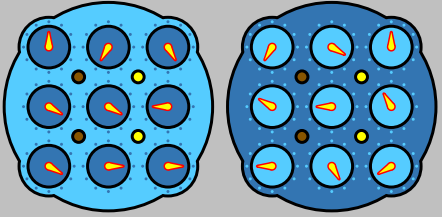
1.	R-- D++ R++ D-- R++ D++ R++ D++ R-- D-- U' R++ D++ R++ D-- R++ D-- R-- D++ R++ D-- U' R++ D++ R-- D-- R-- D++ R++ D++ R-- D-- U' R++ D++ R++ D-- R-- D++ R++ D-- R++ D-- U' R-- D++ R++ D-- R++ D++ R-- D-- R-- D++ U R++ D++ R++ D++ R++ D-- R++ D-- R-- D-- U' R++ D++ R-- D-- R++ D-- R++ D++ R++ D++ U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

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

2015/08/07

Rubik's Clock Round 1
NU_CUBING_11-08-2015

1.	UR2- DR3+ DL2+ UL3- U2+ R2+ D4+ L5+ ALL2+ y2 U2- R6+ D0+ L1- ALL1+ UL	
2.	UR1+ DR5- DL5- UL1- U1- R4+ D3- L5- ALL3- y2 U2+ R6+ D2+ L3+ ALL1- DL	
3.	UR1- DR5- DL5- UL3- U5+ R6+ D3- L2+ ALL4+ y2 U2+ R0+ D2+ L5+ ALL2- UR DR DL	
4.	UR5+ DR2- DL1- UL3+ U6+ R4+ D6+ L3+ ALL1+ y2 U5+ R4+ D3+ L2+ ALL1+ UR DL UL	
5.	UR1+ DR0+ DL6+ UL1- U3+ R4+ D4- L3- ALL3+ y2 U1- R2+ D2+ L2- ALL5- DR DL	
Extra scrambles		
E1.	UR0+ DR2- DL0+ UL6+ U3- R2+ D5- L4+ ALL5+ y2 U3+ R5- D1+ L1- ALL5-	
E2.	UR1- DR2+ DL1+ UL4+ U1+ R2- D2+ L5+ ALL3- y2 U1+ R0+ D3- L5- ALL1- UR DR	

2015/08/07

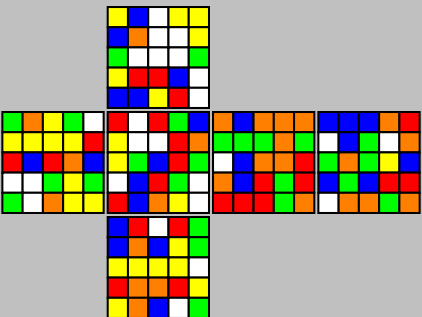
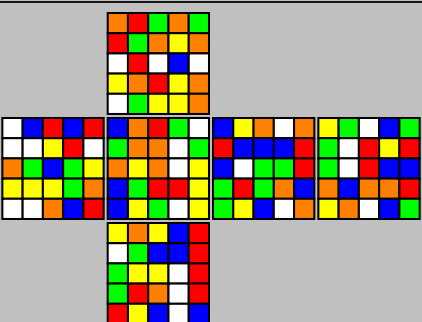
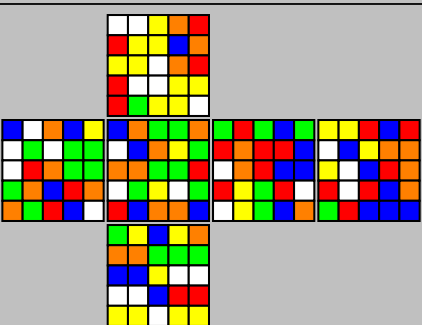
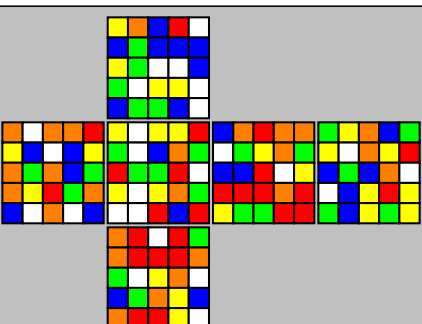
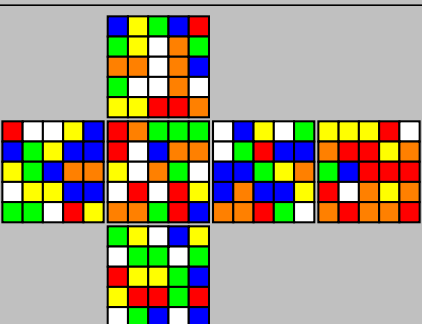
4x4x4 Cube: Blindfolded Round 1
 NU_CUBING_11-08-2015

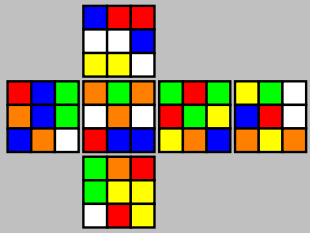
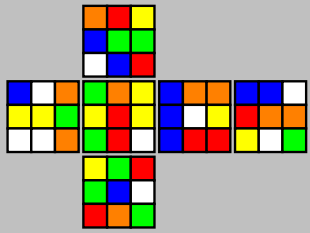
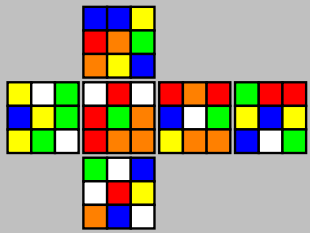
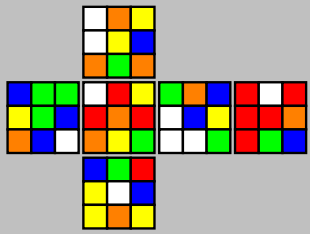
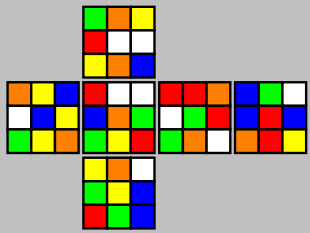
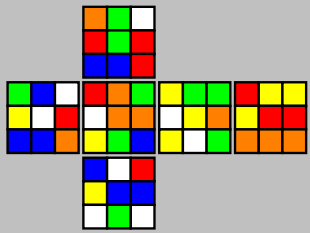
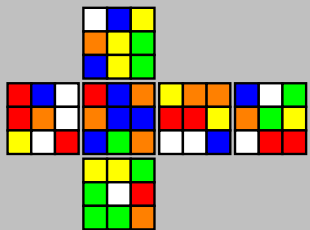
1.	B'	U2	F2	U2	F'	R2	U2	L2
	F2	U	L'	B2	F	R2	U'	B'
	L2	B	U	Fw2	L'	B'	F	Uw2
	F	Rw2	B2	D	F	Uw	U	L2
	Rw	Uw	B'	U'	Fw'	L'	Fw'	F'
	z	y'						
2.	U	F2	B2	R2	B2	D	R2	D
	R2	L'	D'	B'	R2	F	B2	U'
	B	L	B	U2	Fw2	L2	Uw2	D'
	B	D2	U	Rw2	Fw2	L2	D'	F
	L2	Rw'	F'	B	Rw'	F'	U	Fw'
	Rw	D	B	Uw2	L	U'		
3.	R'	F2	D2	F2	L'	B2	L2	B2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

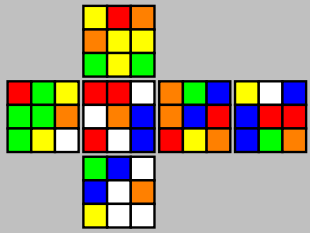
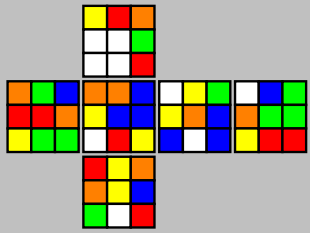
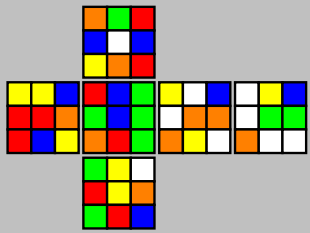
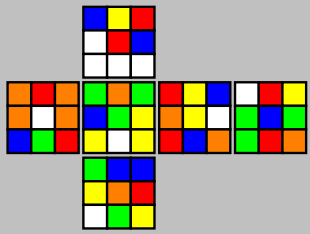
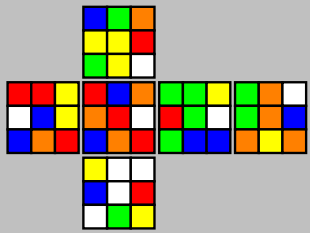
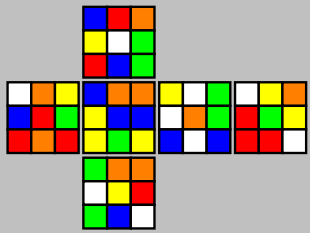
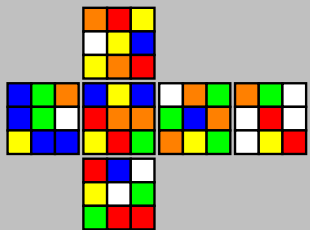
2015/08/07

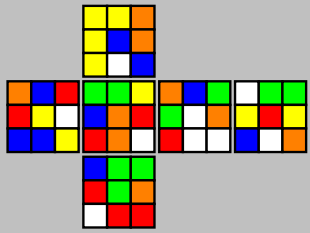
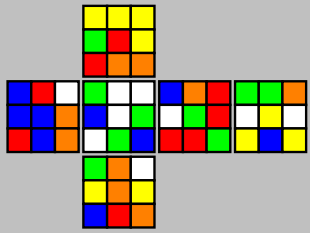
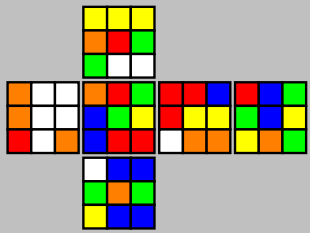
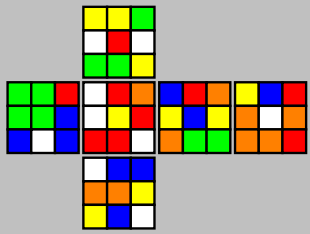
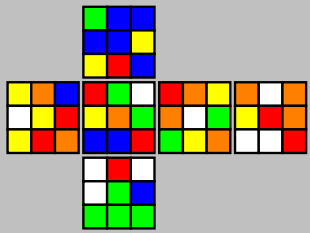
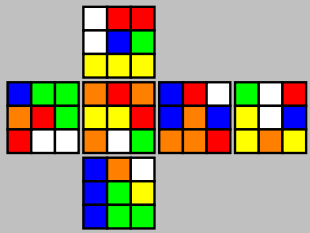
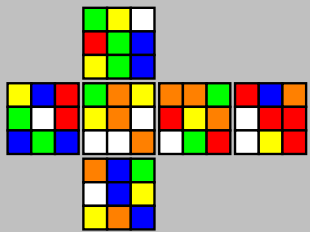
5x5x5 Cube: Blindfolded Round 1

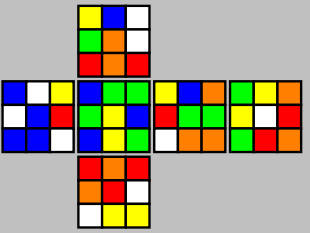
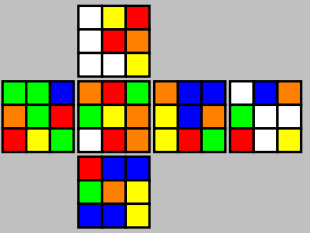
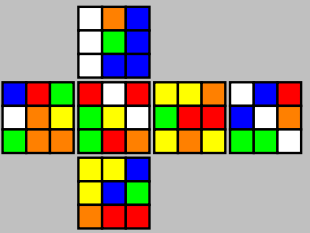
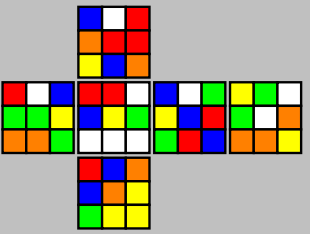
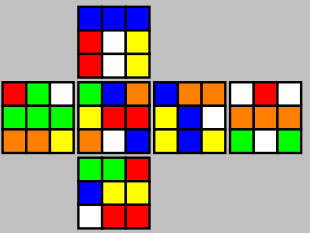
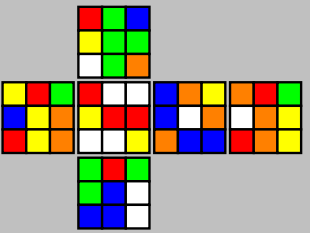
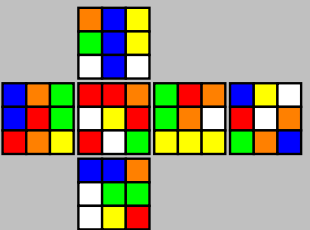
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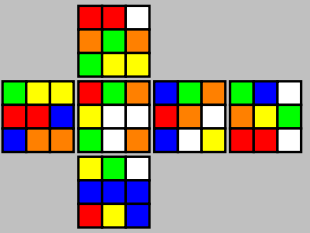
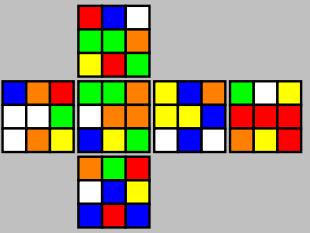
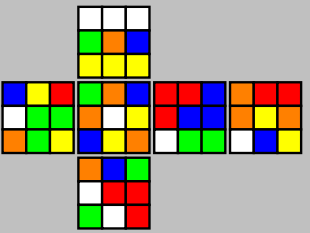
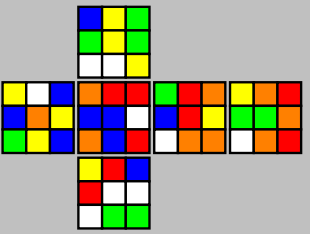
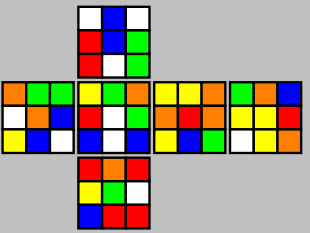
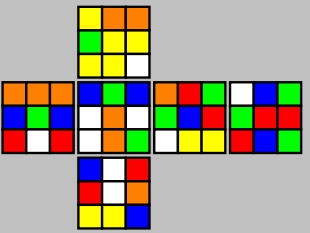
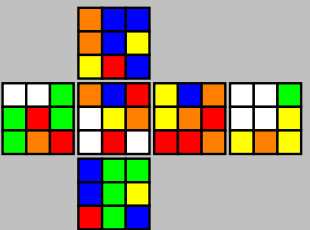
1.	Lw	Rw	U'	R	Lw'	D'	Uw'	Bw			
	L2	R2	Lw2	Fw2	L2	Fw'	B	Dw'			
	Lw2	Rw2	D2	B	L2	Bw2	Fw'	Rw			
	D'	B'	Fw	D	B'	Lw2	F'	Uw2			
	L	Lw	B2	D2	Uw	Bw2	L2	D2			
	Dw	Fw2	Rw2	F'	Fw2	R'	Fw	Lw2			
	Dw'	D'	Uw2	Fw2	R	Bw2	B	Dw2			
	Rw	Fw2	D2	Bw2	3Uw2						
2.	U2	L2	D	Fw'	R'	Rw	Uw'	U			
	Lw2	L	Fw	F2	Bw2	L2	Lw2	D			
	Dw'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

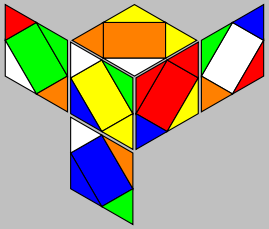
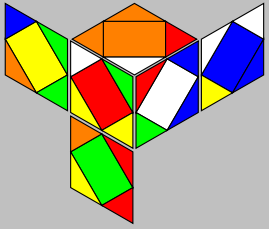
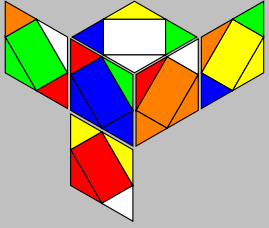
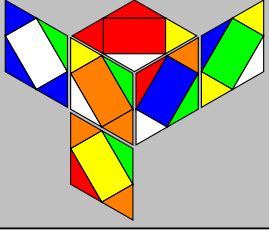
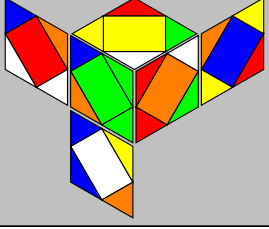
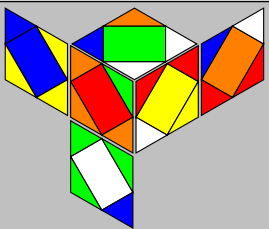
1.	D2 F D2 R2 B R2 U2 F2 U2 F2 U F' R' D2 B2 U' R U2 R' B Uw'	
2.	B F L2 R2 U2 B L2 R2 B' U' B' L2 B' D2 L' U2 R D R' D' Rw Uw	
3.	U' R2 D B2 L2 U B2 D2 L D' B F' R' U2 B F L D F' U Fw	
4.	F2 D' U B2 R2 D2 L2 D L' D' F' L' D R2 U' L2 F' D2 R B' Rw2 Uw'	
5.	F2 U' F2 R2 U2 B2 F2 U' B2 D L B' D' R' F' L2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

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

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

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

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

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