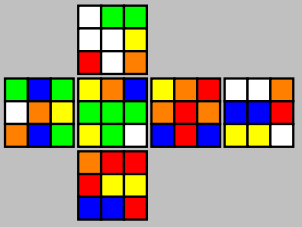
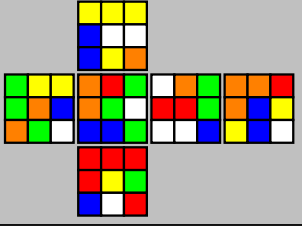
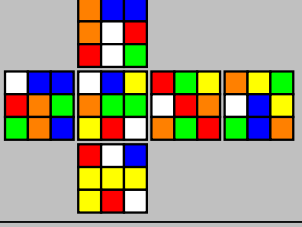
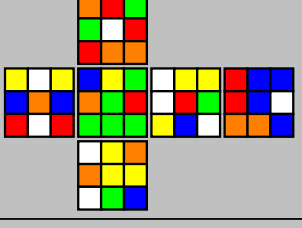
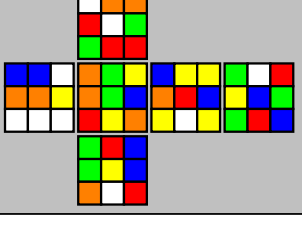
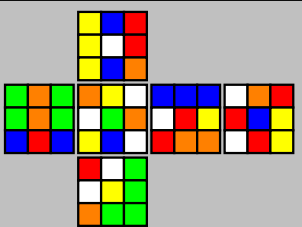
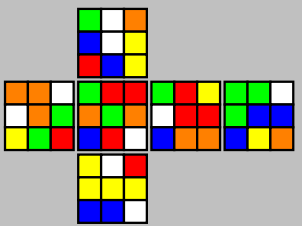
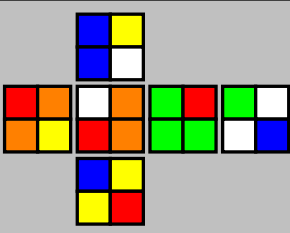
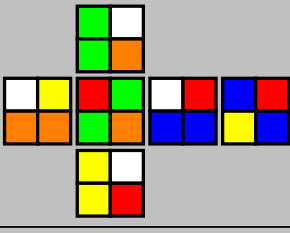
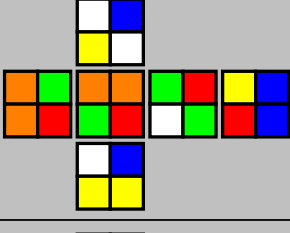
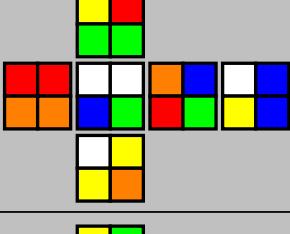
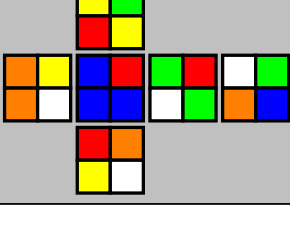
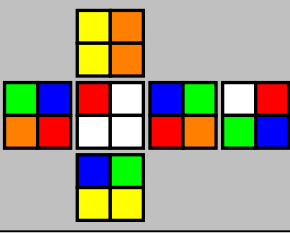
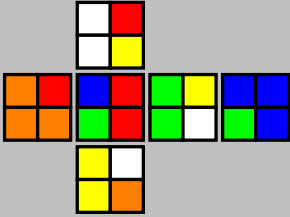
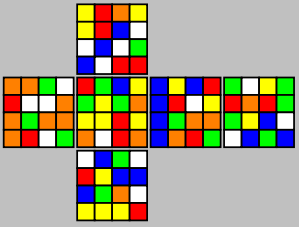
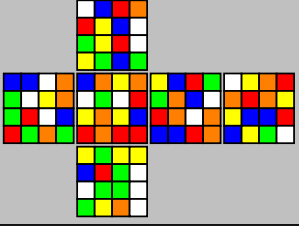
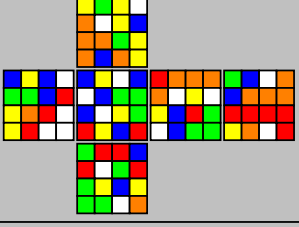
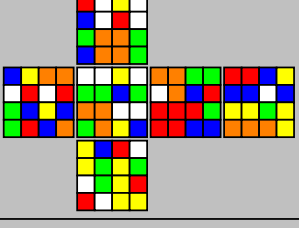
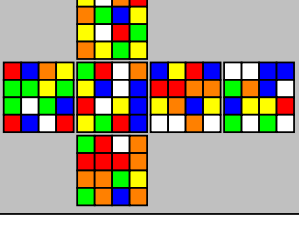
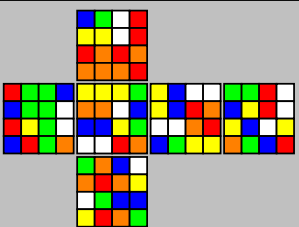
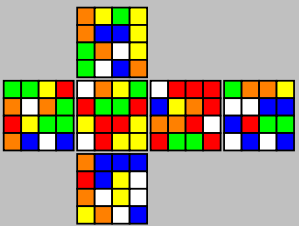


1.	U F R' L2 B2 R' U2 F' L' U2 F' U2 F2 B2 R2 U' F2 U' R2 D2	
2.	B2 D2 R2 B2 R F2 L B2 F2 R B L F D' U L2 R' U' B F2	
3.	D R2 D R2 D L2 U' L' F R B2 R' D2 L D' F U B' R2	
4.	L2 F2 D B2 U' L2 B2 L2 U2 F2 R B D L2 R2 U2 B D L' U'	
5.	D L D2 F L B' U' R2 F2 D' B2 R F2 B2 D2 B2 R' U2 L'	
Extra scrambles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

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

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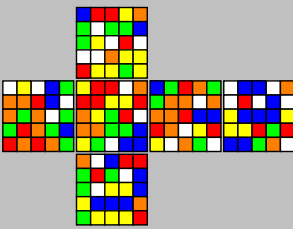
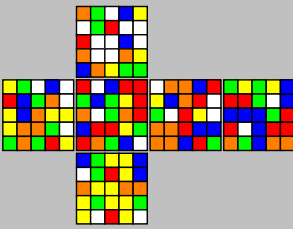
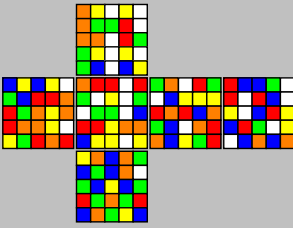
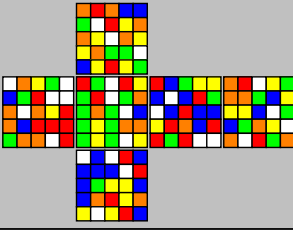
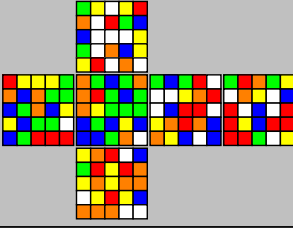
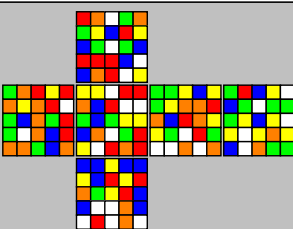
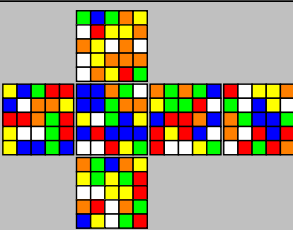
4x4x4 Cube Round 1  
NU\_CUBING\_08-30-2015

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

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# 5x5x5 Cube Round 1

## NU\_CUBING\_08-30-2015

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

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# 6x6x6 Cube Round 1

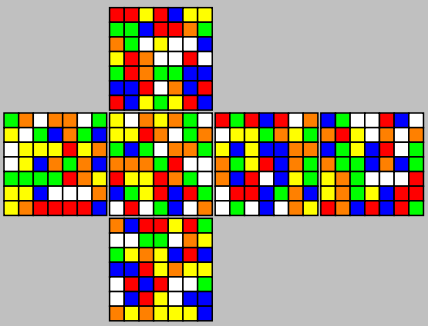
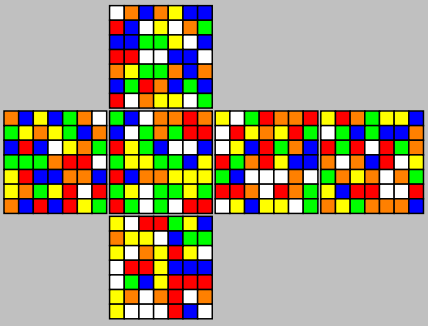
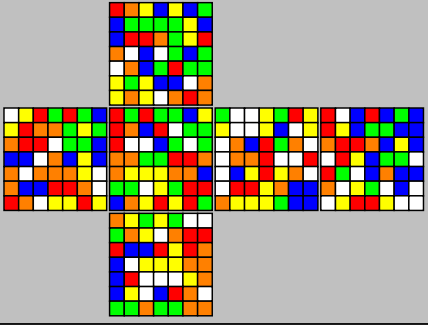
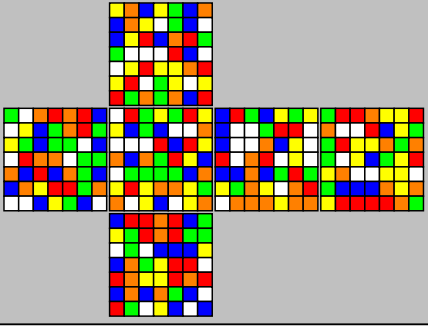
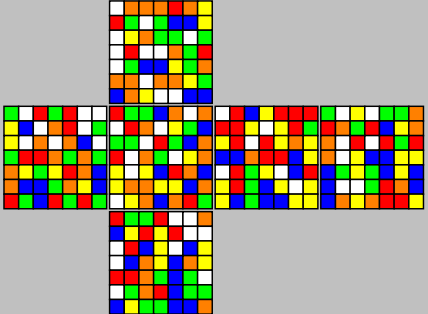
## NU\_CUBING\_08-30-2015

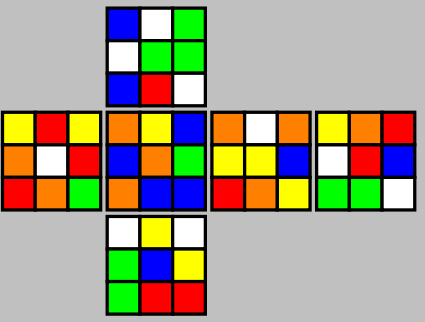
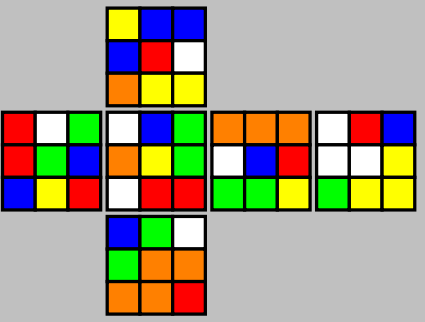
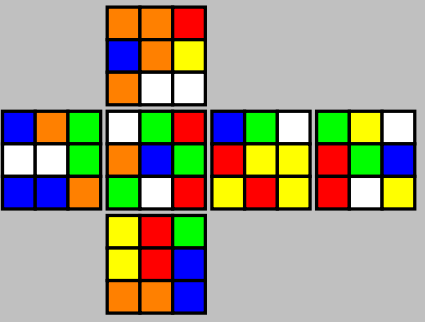
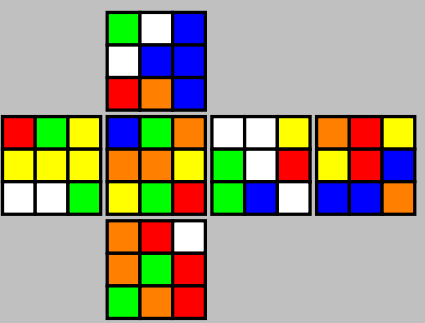
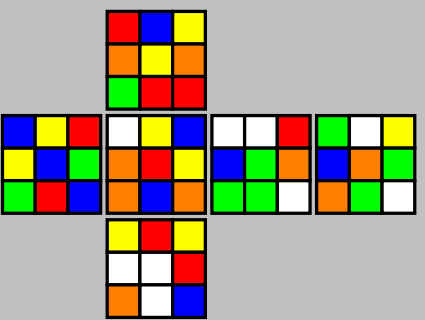
1.	Dw2	L	F'	Lw2	3Rw2	Fw2	F'	D	B'
	D	L2	3Fw'	R'	3Uw2	Bw	Lw2	U2	F'
	Lw	R2	L2	Dw'	3Rw2	3Fw	Uw	R	B'
	3Uw'	Bw	3Fw2	F'	3Uw	L	Bw	Lw'	Uw
	U2	3Uw	Rw2	L'	U2	3Uw'	F	3Rw2	R'
	U2	3Rw2	F2	Fw2	3Rw	3Fw'	Lw'	Fw	B'
	R	Dw	Fw	U'	F2	Bw2	B'	Uw'	B2
	Lw	D'	3Fw	F2	Fw'	L2	F2	3Uw'	Lw
	3Uw	B	Fw'	Dw	Uw'	R	3Rw'	D	
2.	Rw'	3Rw'	3Uw2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

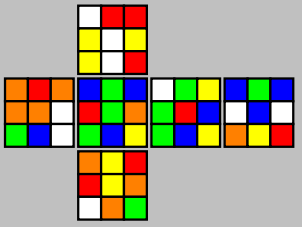
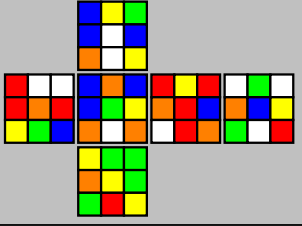
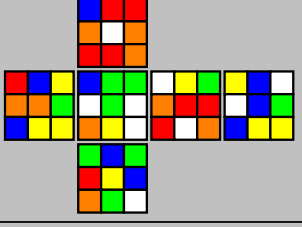
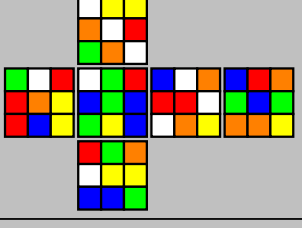
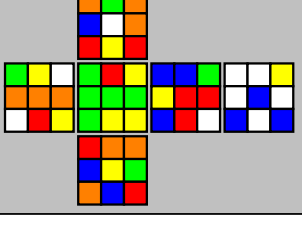
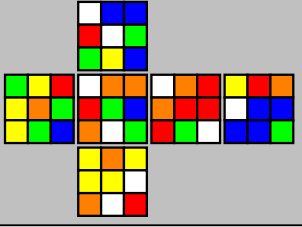
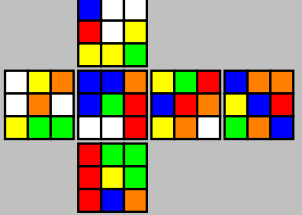
2015/08/07

# 7x7x7 Cube Round 1

## NU\_CUBING\_08-30-2015

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

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

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



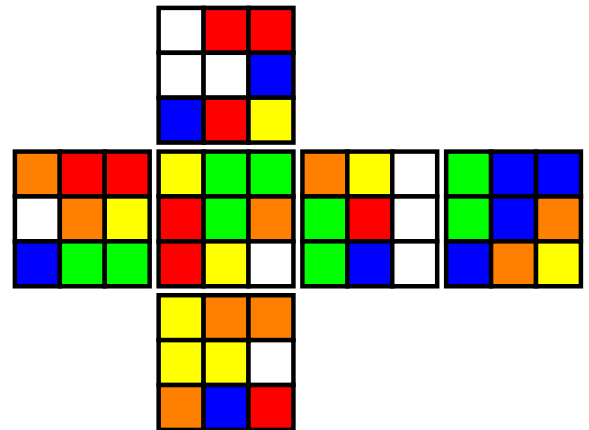
NU\_CUBING\_08-30-2015  
3x3x3: Fewest Moves Round 1  
Scramble 1 of 3

Competitor: \_\_\_\_\_

WCA ID: \_ \_ \_ \_ \_

DO NOT FILL IF YOU ARE THE COMPETITOR

Graded by: \_\_\_\_\_ Result: \_\_\_\_\_



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

[illegible]



NU\_CUBING\_08-30-2015  
3x3x3: Fewest Moves Round 1  
Scramble 3 of 3

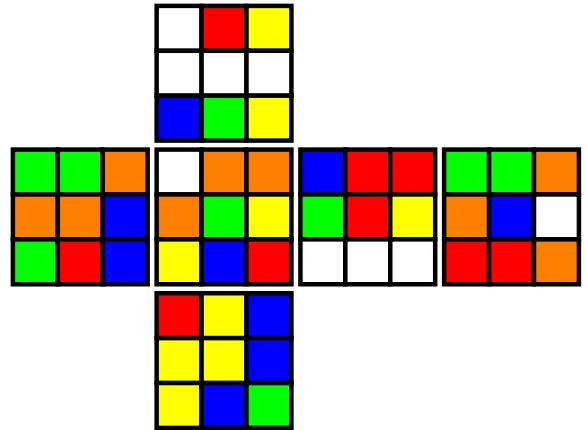
- Notate your solution by writing one move per bar.
  - To delete moves, clearly erase/blacken them.
  - Face moves F, B, R, L, U, and D are clockwise.
  - Rotations x, y, and z follow R, U, and F.
  - ' inverts a move; 2 doubles a move. (e.g.: U', U2)
  - w makes a face move into two layers. (e.g.: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

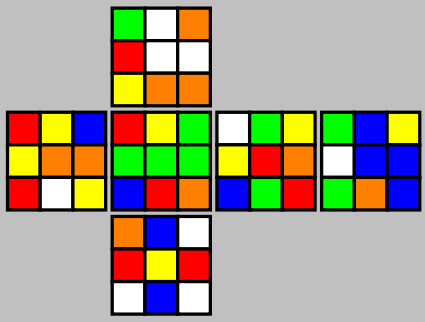
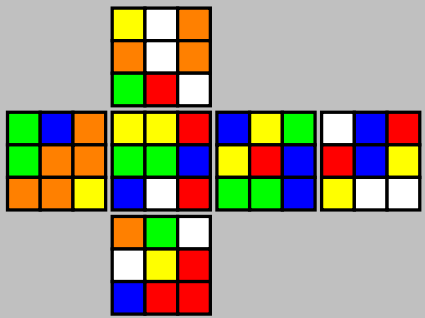
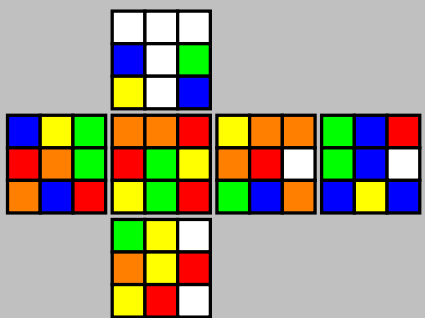
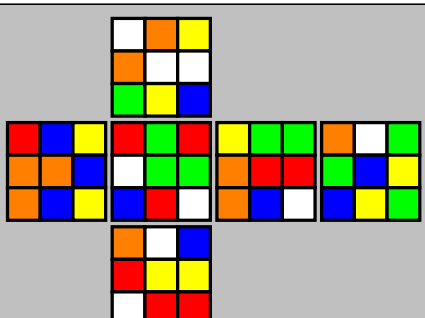
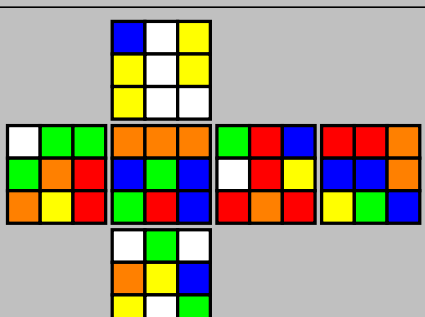
DO NOT FILL IF YOU ARE THE COMPETITOR

Graded by: \_\_\_\_\_ Result: \_\_\_\_\_



Scramble: B D' L B L' D2 L D F D' F' L2 F2 L2 U' L2 F2 U D

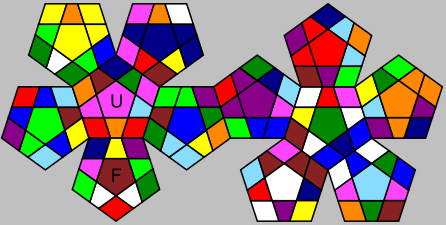
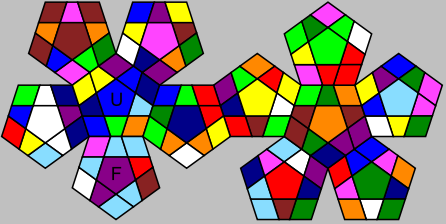
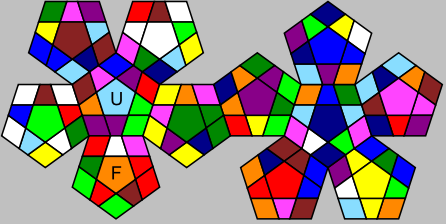
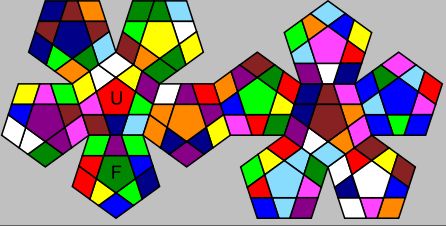
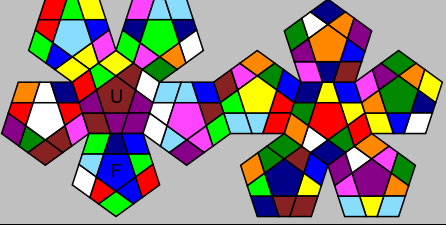
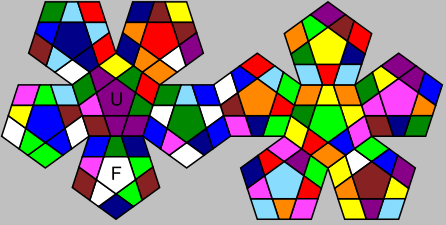
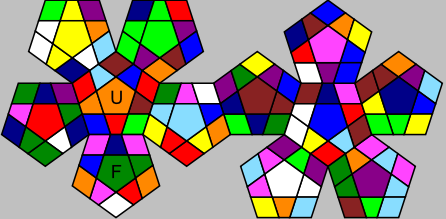
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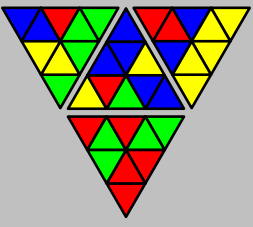
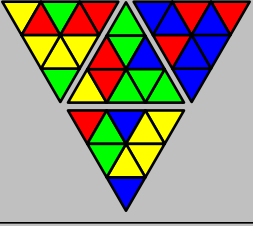
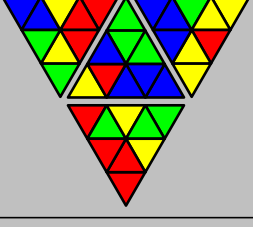
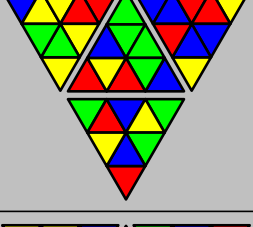
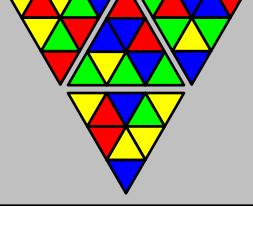
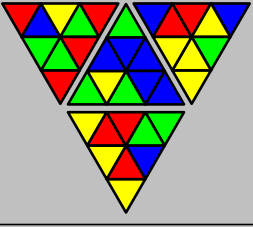
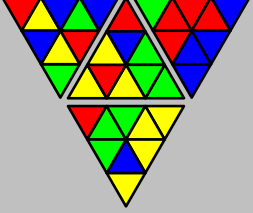
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2.	U2 R2 D2 U2 R D2 L' F2 L B L2 U B F L B' R2 D U2 L2	
3.	R2 U2 R F2 L' R F2 R2 B2 D F' U' B2 F2 D' R2 U B L	
Extra scrambles		
E1.	F2 U2 L2 U2 B' D2 F U2 L2 U F' U F2 D2 R F2 D B' U' L2	
E2.	R2 F R2 D2 B2 R2 B' L2 R B D' B D' B U F2 L' D U	

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# Megaminx Round 1

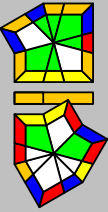
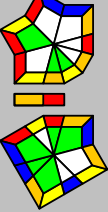
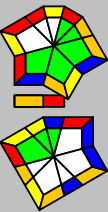
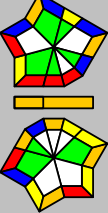
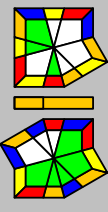
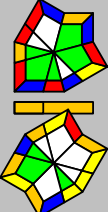
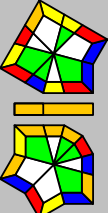
## NU\_CUBING\_08-30-2015

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

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

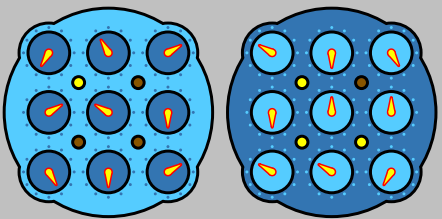
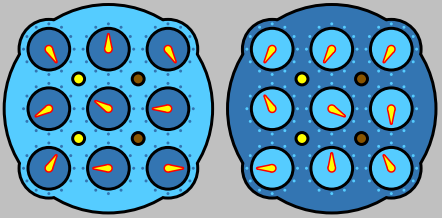
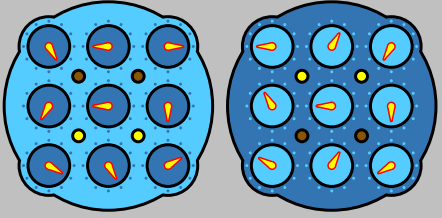
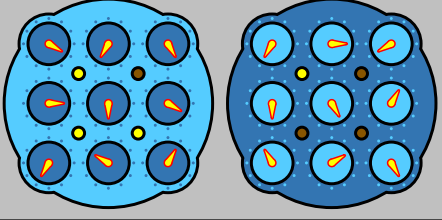
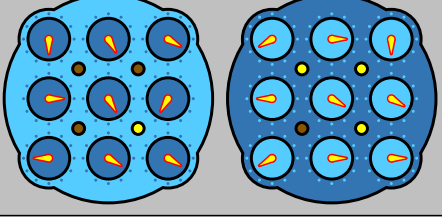
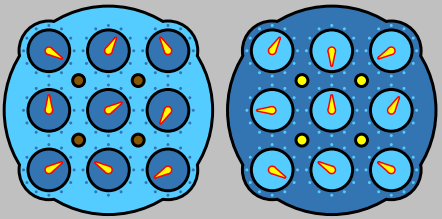
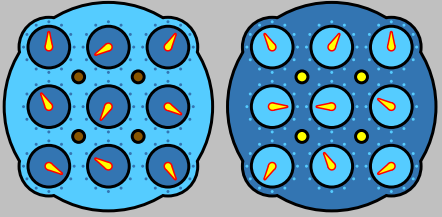
2015/08/07

Square-1 Round 1  
NU\_CUBING\_08-30-2015

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

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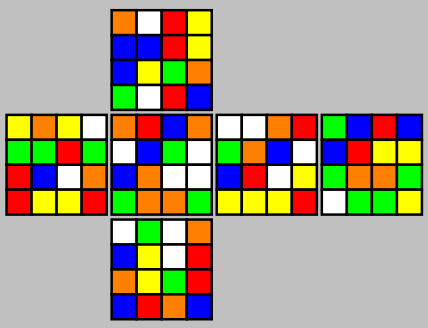
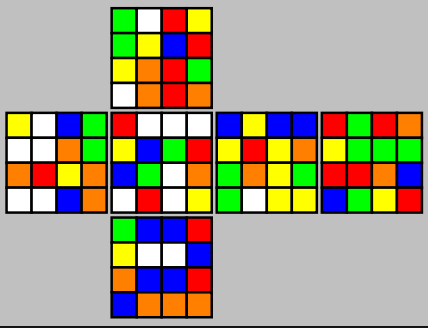
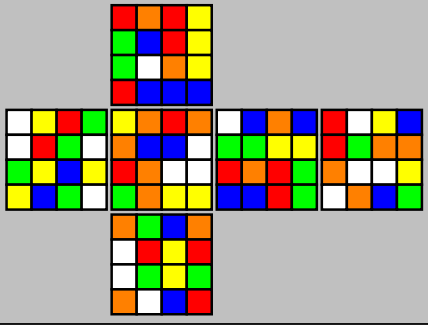
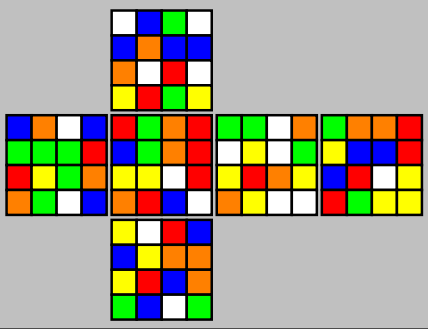
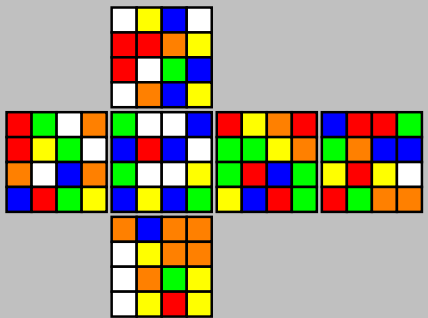
Rubik's Clock Round 1  
NU\_CUBING\_08-30-2015

1.	UR4- DR5+ DL2+ UL5- U1- R5+ D1- L3+ ALL4- y2 U4+ R4- D1- L4+ ALL5- UL	
2.	UR2- DR4+ DL4- UL4+ U2+ R3+ D3- L2- ALL2+ y2 U1+ R2+ D2- L1+ ALL4- DL UL	
3.	UR3- DR0+ DL4+ UL1+ U2- R1+ D4+ L2- ALL6+ y2 U4+ R2+ D0+ L3+ ALL0+ DR DL	
4.	UR4+ DR4- DL1+ UL2+ U3- R1- D5+ L1+ ALL0+ y2 U4- R3+ D1- L2+ ALL6+ DR DL UL	
5.	UR6+ DR5- DL6+ UL2+ U5+ R6+ D0+ L4+ ALL4+ y2 U1+ R2+ D0+ L2- ALL4+ DR	
Extra scrambles		
E1.	UR0+ DR4+ DL0+ UL5- U5- R1- D2+ L4+ ALL1+ y2 U4+ R2+ D1+ L5- ALL0+	
E2.	UR3- DR3- DL2- UL2- U3+ R0+ D1+ L3+ ALL0+ y2 U3- R4- D1- L3+ ALL0+	



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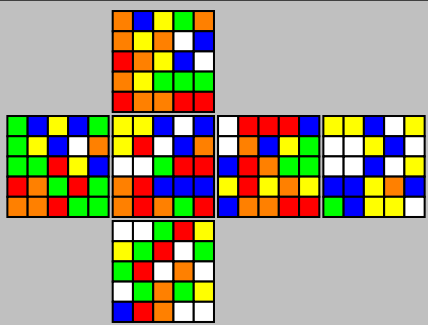
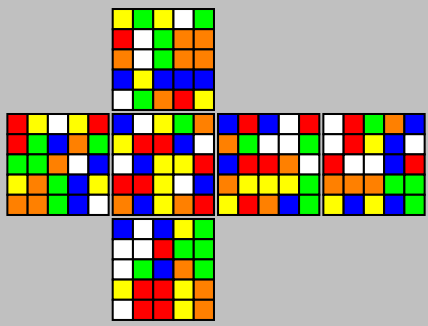
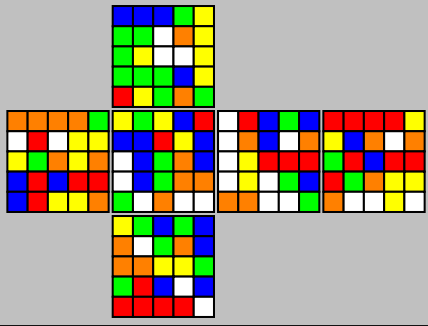
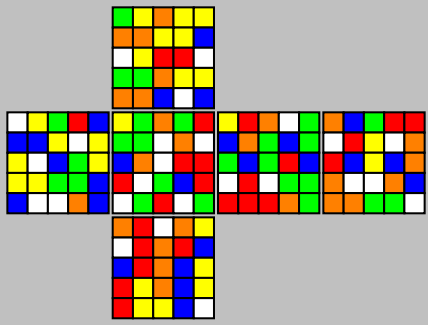
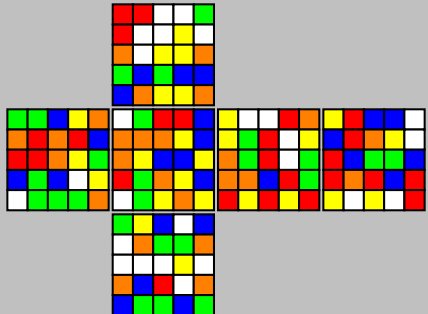
4x4x4 Cube: Blindfolded Round 1  
 NU\_CUBING\_08-30-2015

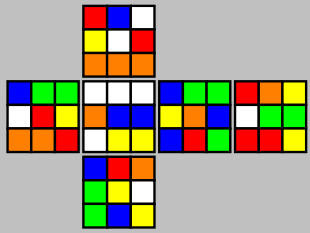
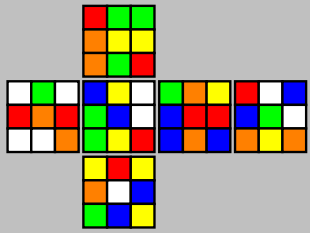
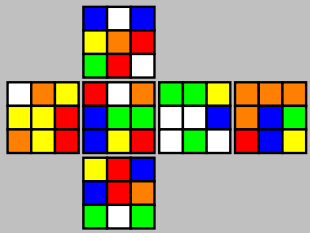
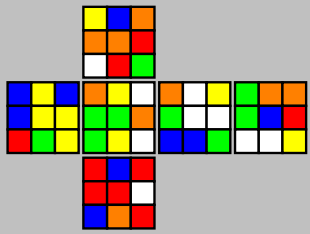
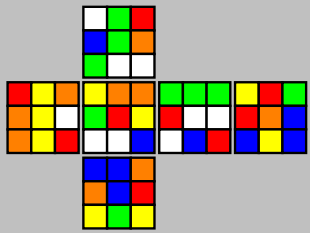
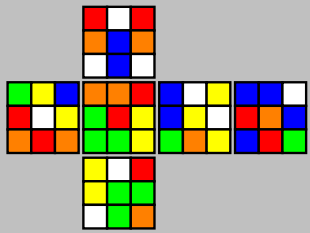
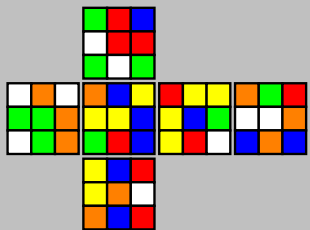
1.	B2 U2 B' D2 L2 D2 F D2 F2 D' L2 B2 U' L F' R U2 B F2 D' Uw2 Fw2 B2 Rw2 B R2 B L' Fw2 L' F R Fw2 Uw' L2 R' D2 F2 Rw Fw' F2 B R' Uw' Rw2 z'	
2.	R2 D B2 R2 D' F2 R2 D U2 R2 U' R B R2 B D' U2 F' L2 F2 Fw2 U' Rw2 R B2 Uw2 D' L U' L2 U' Fw2 L Fw' D' R2 Fw' L U Uw Fw2 U2 B' Uw' Rw' x y	
3.	U D B U D R2 F2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

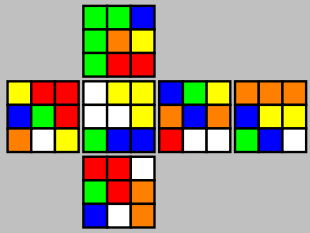
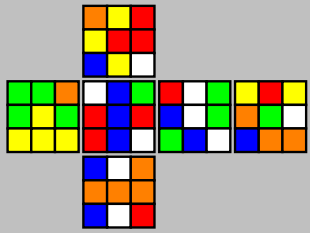
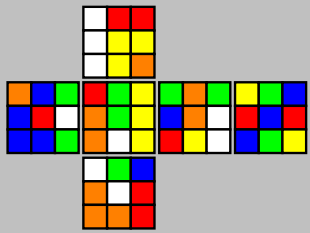
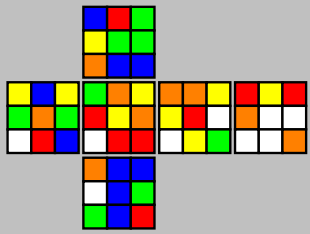
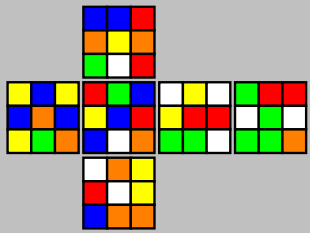
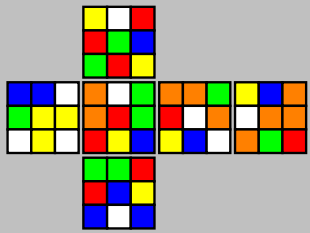
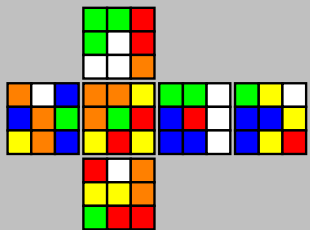
2015/08/07

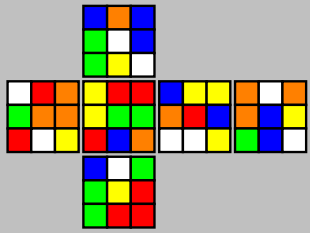
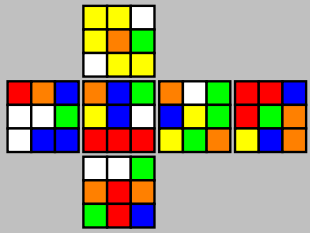
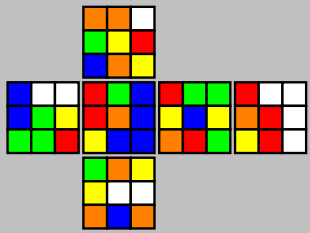
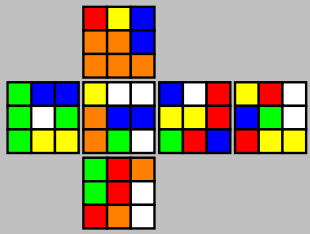
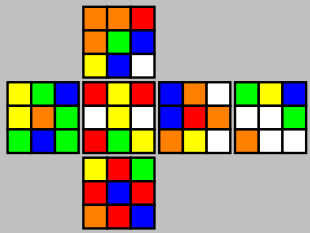
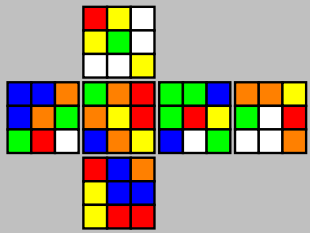
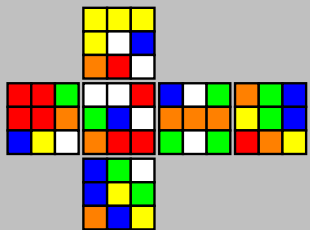
# 5x5x5 Cube: Blindfolded Round 1

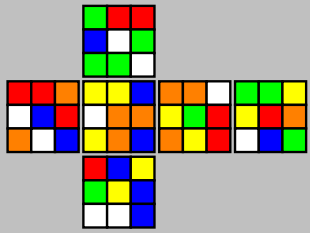
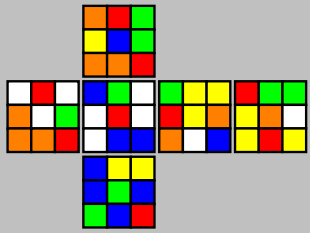
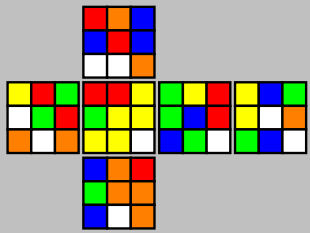
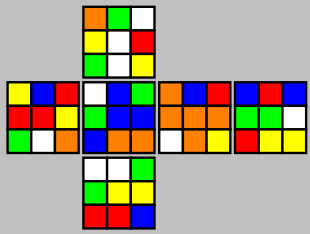
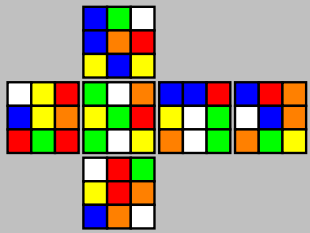
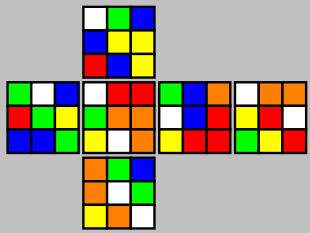
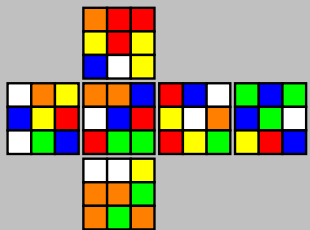
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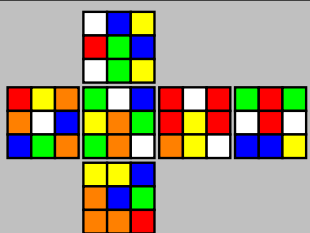
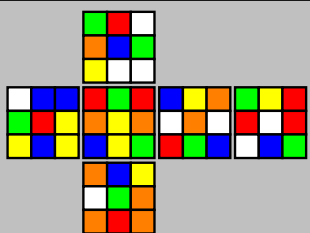
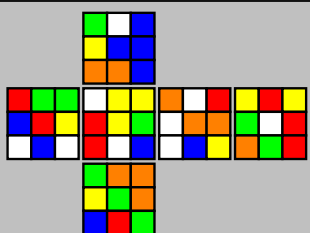
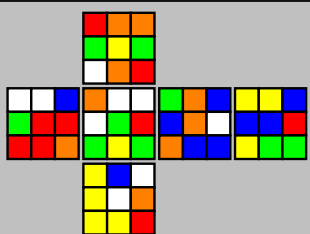
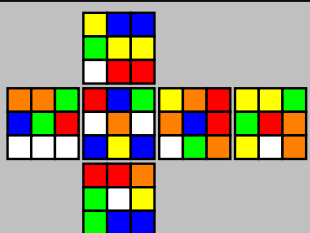
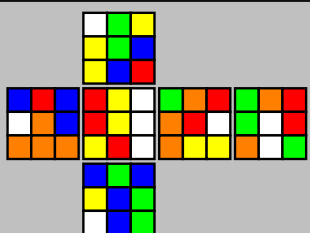
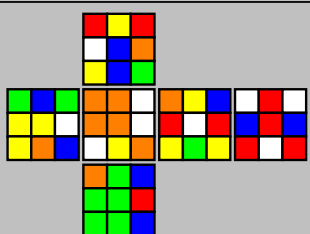
1.	L' U Bw' L' D2 F' R2 Dw	
	Uw2 B R B2 Lw R2 U B	
	L2 Fw' L F B' R2 Rw2 Uw	
	U Rw' F' Bw U L F2 D	
	Bw' U' Lw B Rw2 B2 U' B	
	L Bw' R2 Lw' Fw Bw' F2 D2	
	Dw' B2 Uw2 Dw2 Bw2 Rw' Lw2 F'	
	L' F B2 R2 3Rw2 3Uw2	
2.	F D2 Fw2 U L Uw' B Fw' F D'	
	Lw2 B' Fw' Bw2 L' B D' Lw' Uw2 R	
	B2 Lw Bw B' Fw' Dw' Fw'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

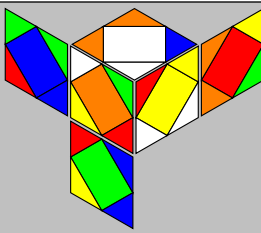
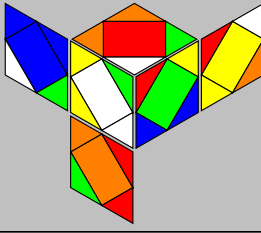
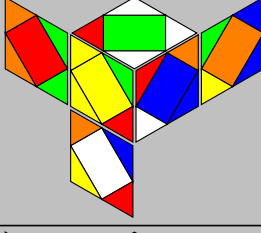
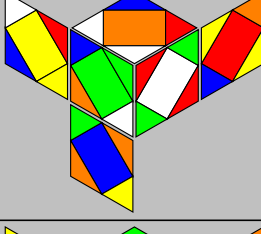
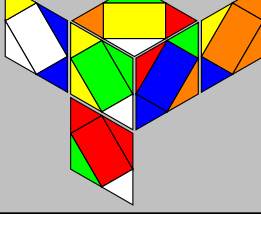
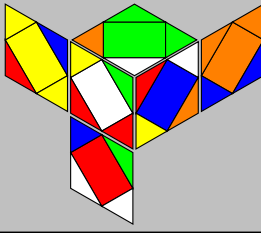
1.	F2 L2 R2 B U2 F' L2 B2 F L' B2 U F2 L' D2 B D' L2 D' F Uw2	
2.	L2 U2 F2 L' B2 L2 F2 U2 F2 R2 U' F' R B' F' L2 B2 L D B2 U Rw2	
3.	U R2 D2 F2 D' F2 L2 U2 R' D2 L' R' U R' B2 D2 F' U L2 R2 Fw	
4.	U' F2 D' F2 R2 D' B2 L2 R U' L2 F2 U2 R B L U2 B R U' Fw	
5.	L2 D2 F2 D2 L' R' U2 B' D' R2 U' L2 F U' B2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

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

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

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

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

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