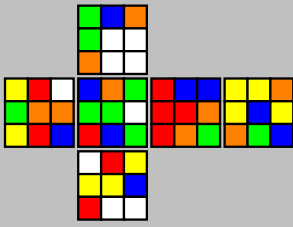
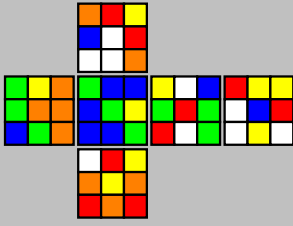
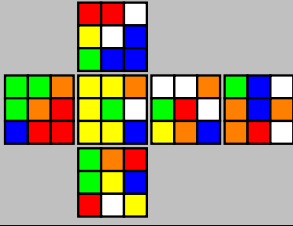
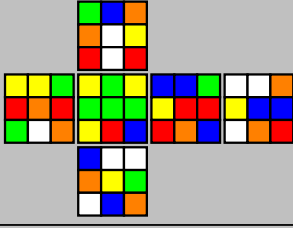
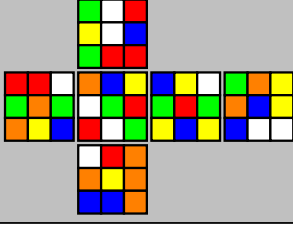
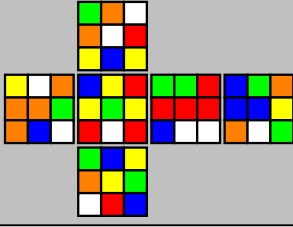
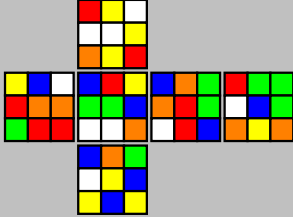
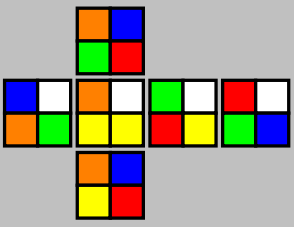
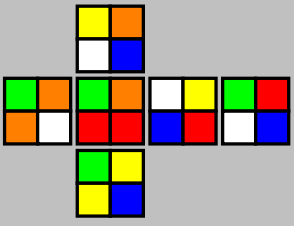
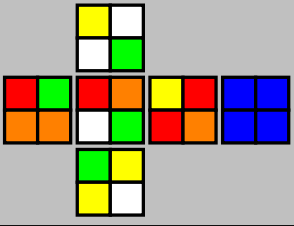
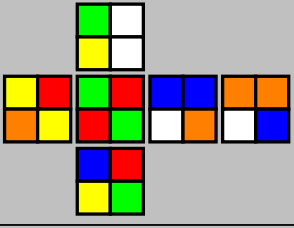
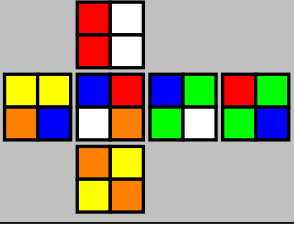
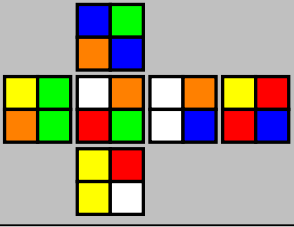
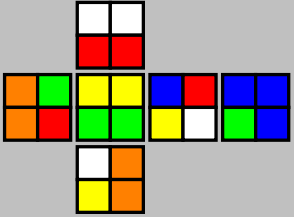
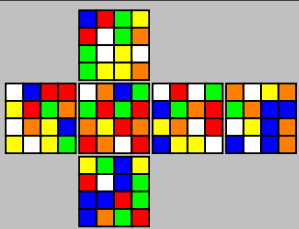
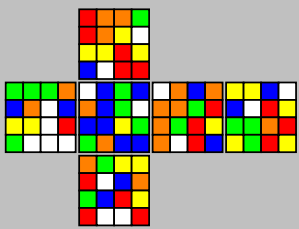
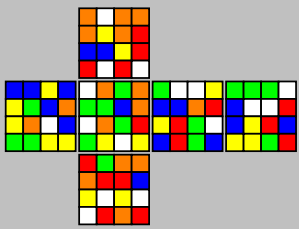
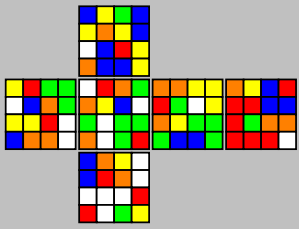
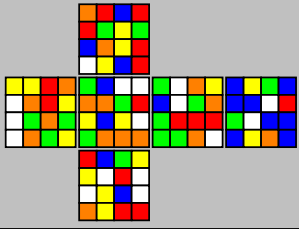
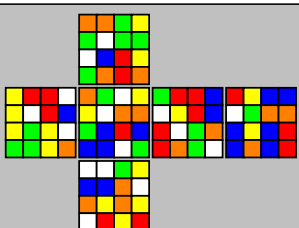
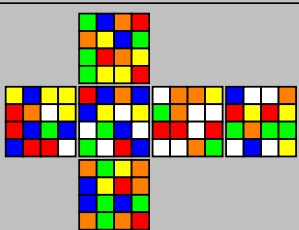


1.	R F2 L' D2 L R' D2 R' F' U R' F2 L2 R' D F' L U2 B'	
2.	L2 F' D2 B2 U2 B2 F' U2 L' U F2 D R2 U F U2 B L R	
3.	D U F2 L2 D L2 U B2 D F L' U' L' R D' L2 B' L' D	
4.	U' B' L U' F2 U' B' U B2 L F L' F2 R' U2 D2 F2 L'	
5.	U2 B D2 F2 D2 F' U2 R2 F' U2 B' U' R D U F U' L B2 U B2	
Extra scrambles		
E1.	R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

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

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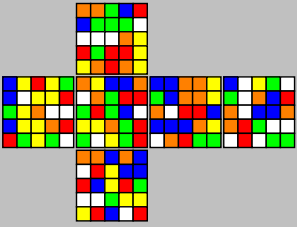
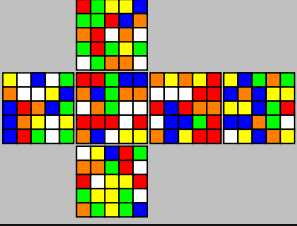
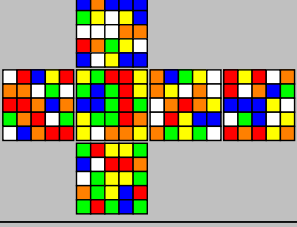
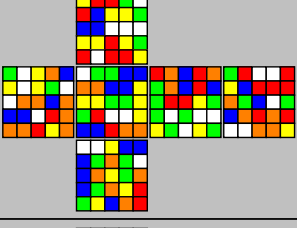
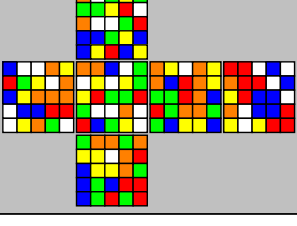
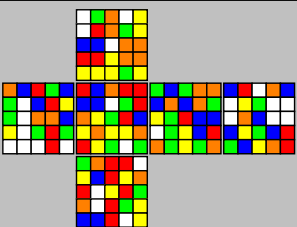
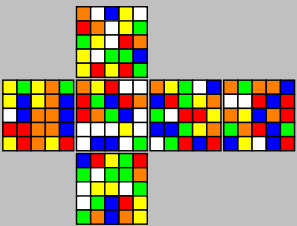
4x4x4 Cube Round 1  
NU\_CUBING\_08-02-2015

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

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# 5x5x5 Cube Round 1

## NU\_CUBING\_08-02-2015

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

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# 6x6x6 Cube Round 1

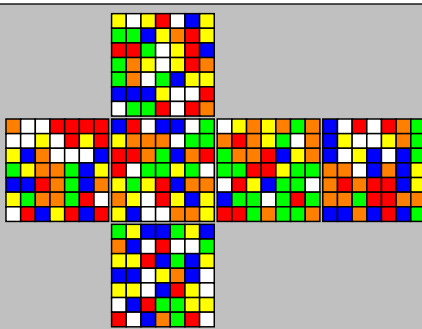
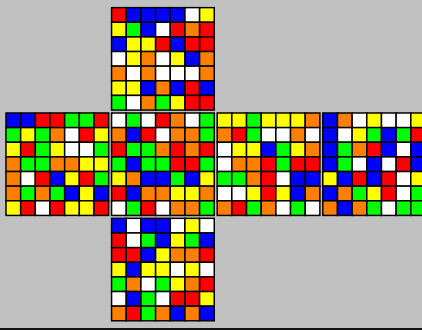
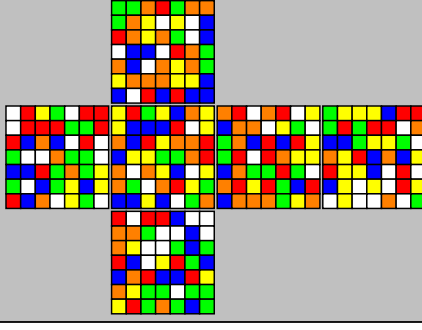
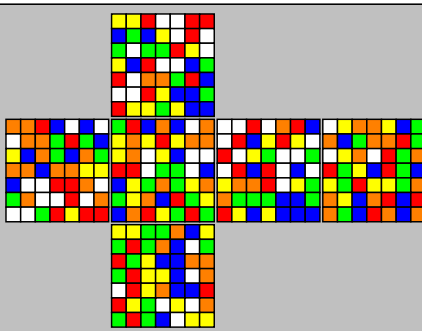
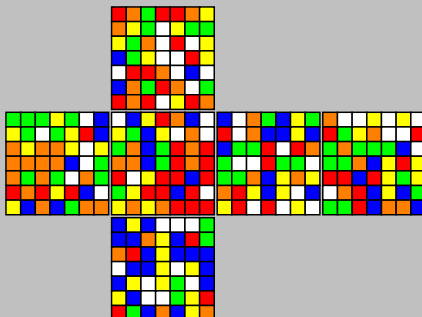
## NU\_CUBING\_08-02-2015

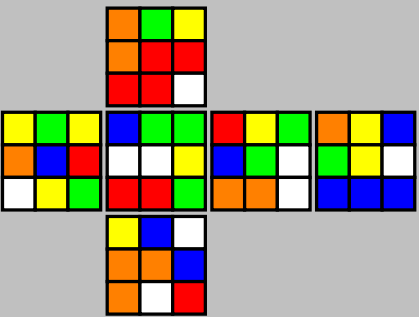
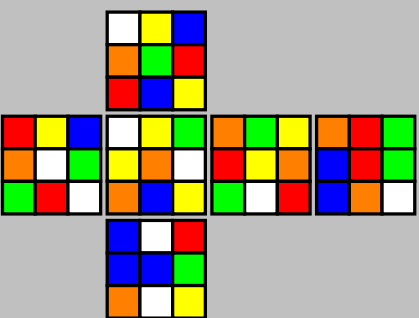
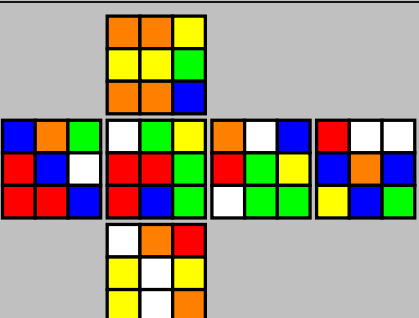
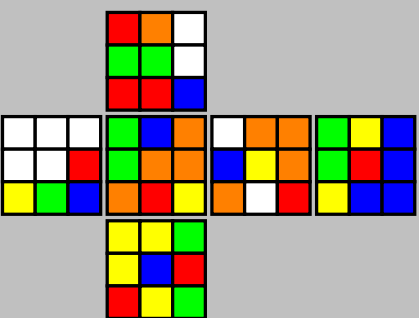
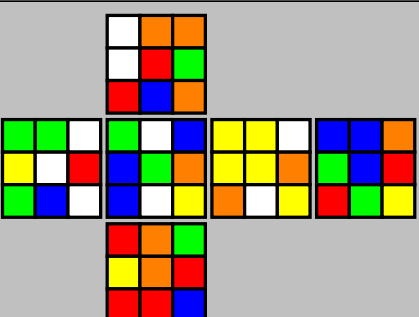
1.	B2	Dw'	B	R	Bw	Dw'	B	D	Rw'
	Dw2	3Uw'	F'	Fw	Uw2	Fw2	R2	U'	3Fw'
	Fw'	Uw2	3Rw'	R'	Bw	B'	R'	Dw'	3Rw'
	Dw	Fw2	Uw2	F2	Lw'	B'	Bw'	Lw'	Rw2
	Fw'	Lw2	U2	R	Fw'	Lw2	3Uw2	Bw2	U'
	R'	B2	Uw	3Rw	Uw2	Rw	3Uw'	R'	B'
	Uw2	Bw2	3Uw'	Rw'	L	Dw'	B'	U2	Rw
	U'	R	3Fw	U	Dw2	F'	Rw'	B'	Fw
	3Rw'	Dw'	U'	Rw'	3Rw2	Uw2	Rw2	3Fw	
2.	Bw2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

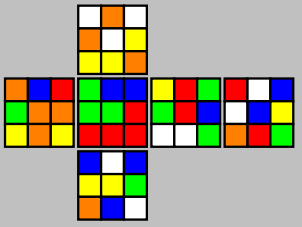
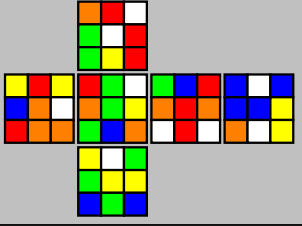
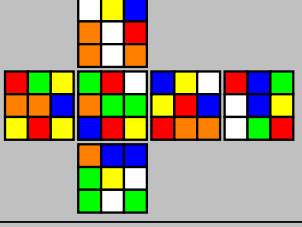
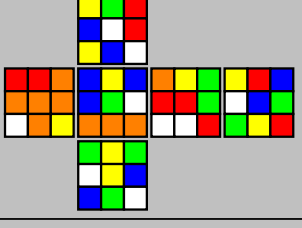
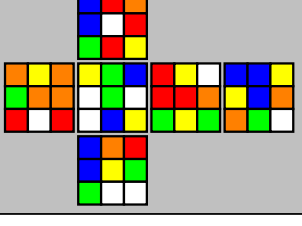
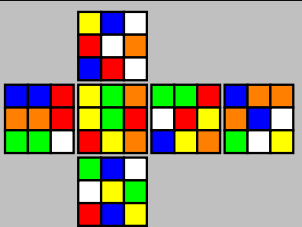
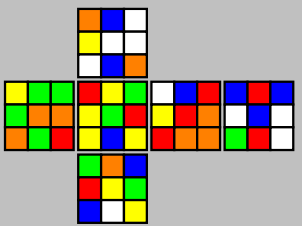
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# 7x7x7 Cube Round 1

## NU\_CUBING\_08-02-2015

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

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

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



NU\_CUBING\_08-02-2015  
3x3x3: Fewest Moves Round 1  
Scramble 1 of 3

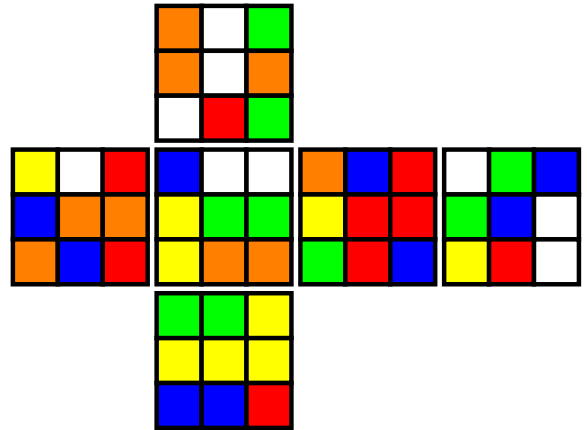
- Notate your solution by writing one move per bar.
  - To delete moves, clearly erase/blacken them.
  - Face moves F, B, R, L, U, and D are clockwise.
  - Rotations x, y, and z follow R, U, and F.
  - ' inverts a move; 2 doubles a move. (e.g.: U', U2)
  - w makes a face move into two layers. (e.g.: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

A full-page view of a blank sheet of graph paper. The paper has a light gray background and is covered by a uniform grid of thin, dark gray horizontal and vertical lines, creating small squares across the entire surface.

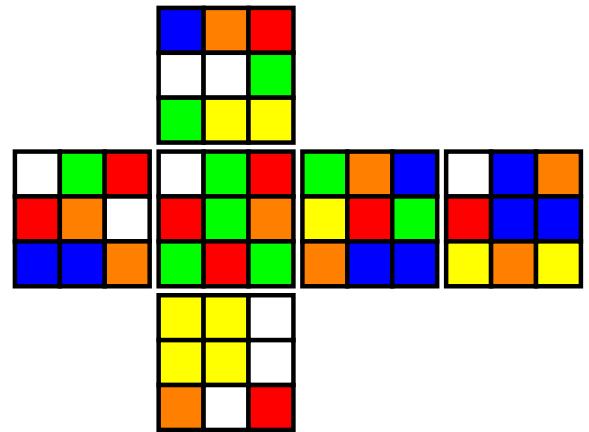
NU\_CUBING\_08-02-2015  
3x3x3: Fewest Moves Round 1  
Scramble 2 of 3

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

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

DO NOT FILL IF YOU ARE THE COMPETITOR

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



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

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

NU\_CUBING\_08-02-2015  
3x3x3: Fewest Moves Round 1  
Scramble 3 of 3

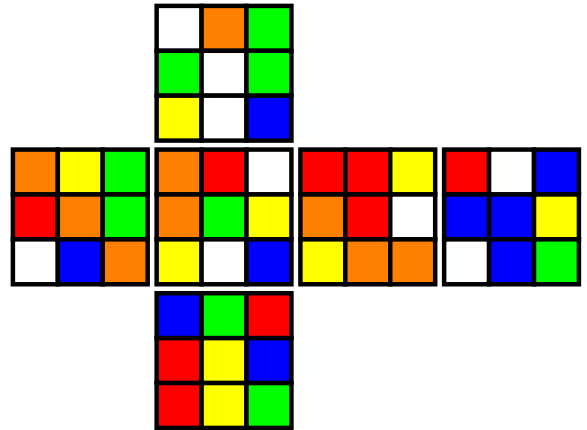
- Notate your solution by writing one move per bar.
  - To delete moves, clearly erase/blacken them.
  - Face moves F, B, R, L, U, and D are clockwise.
  - Rotations x, y, and z follow R, U, and F.
  - ' inverts a move; 2 doubles a move. (e.g.: U', U2)
  - w makes a face move into two layers. (e.g.: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

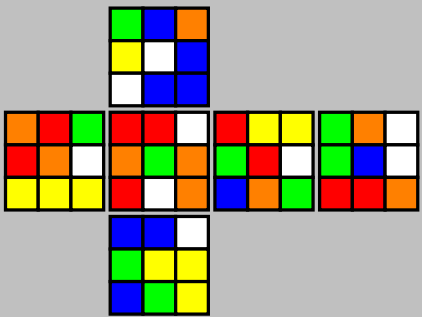
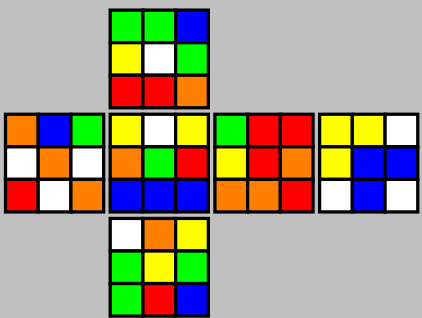
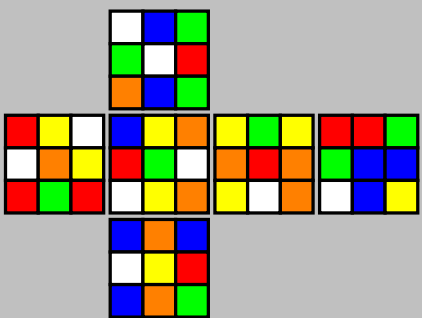
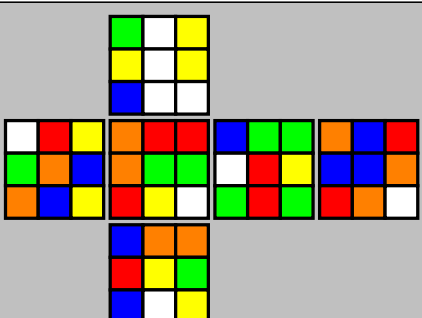
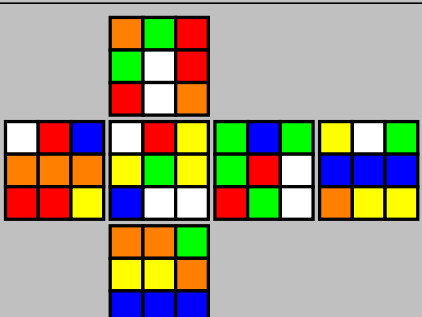
DO NOT FILL IF YOU ARE THE COMPETITOR

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



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

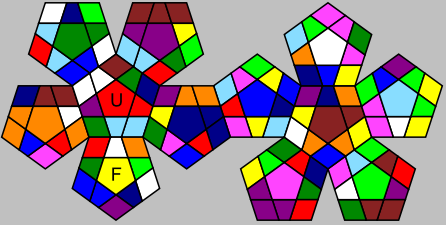
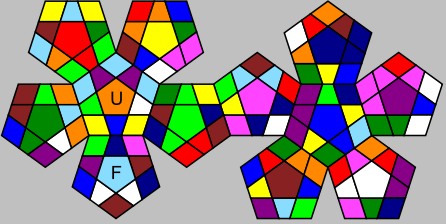
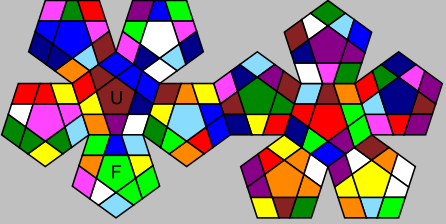
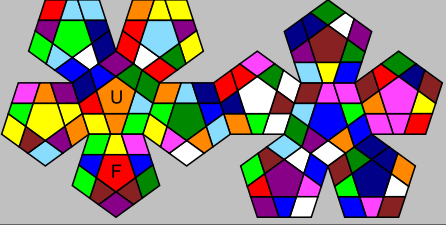
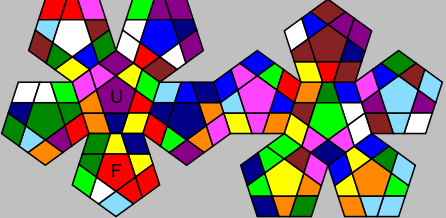
This image shows a full page of blank graph paper. The grid consists of thin, light gray horizontal and vertical lines that intersect to form small squares across the entire surface. There are no margins, text, or other markings on the paper.

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

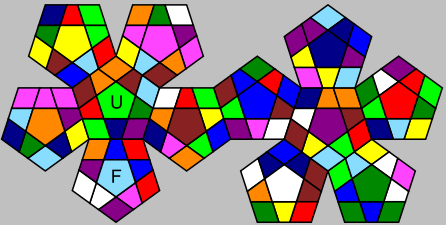
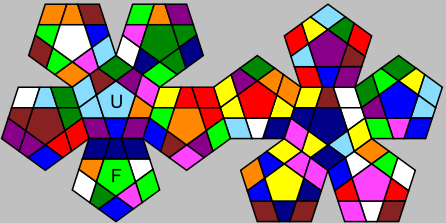
2015/08/07

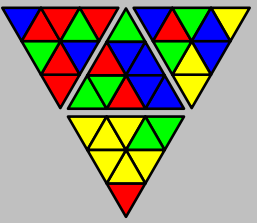
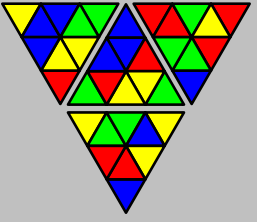
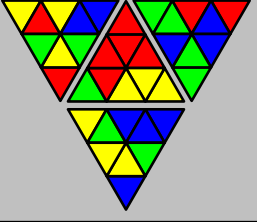
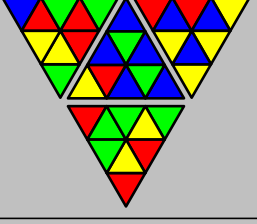
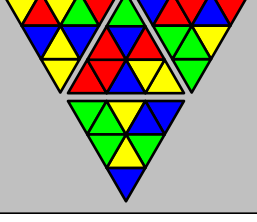
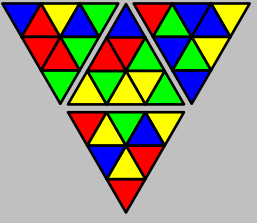
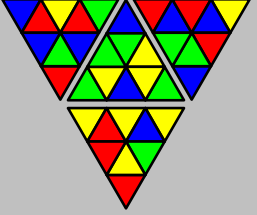
# Megaminx Round 1

## NU\_CUBING\_08-02-2015

1.	R++ D++ R++ D++ R-- D++ R-- D-- R-- D++ U R-- D++ R++ D-- R-- D++ R-- D-- R++ D++ U R++ D++ R-- D++ R-- D-- R-- D-- R++ D-- U' R++ D-- R-- D-- R-- D++ R-- D++ R-- D-- U' R++ D-- R++ D++ R-- D++ R-- D++ R-- D-- U' R++ D-- R++ D-- R-- D-- R-- D-- R-- D++ R-- D-- U' R-- D-- R-- D-- R++ D++ R-- D-- R++ D-- U'	
2.	R-- D++ R++ D-- R++ D-- R++ D++ R++ D++ U R-- D-- R-- D-- R++ D-- R++ D++ R-- D++ U R-- D-- R++ D++ R-- D++ R++ D++ R-- D-- U' R++ D-- R-- D++ R++ D-- R-- D-- R++ D-- U' R++ D-- R++ D-- R++ D-- R++ D++ R-- D-- U' R-- D-- R-- D++ R++ D++ R-- D-- R-- D-- U' R-- D++ R-- D++ R++ D-- R-- D++ R++ D++ U	
3.	R-- D-- R-- D-- R-- D++ R++ D++ R-- D++ U R-- D++ R-- D-- R-- D++ R-- D++ R++ D++ U R++ D-- R-- D++ R-- D-- R++ D-- R-- D-- U' R++ D++ R-- D-- R++ D-- R++ D-- R++ D++ U R-- D++ R++ D++ R-- D++ R-- D-- R-- D++ U R-- D-- R++ D-- R++ D-- R-- D++ R++ D++ U R-- D-- R-- D-- R-- D++ R-- D++ R++ D-- U'	
4.	R-- D-- R++ D-- R-- D++ R-- D-- R++ D-- U' R++ D-- R-- D-- R-- D-- R++ D-- R++ D++ U R-- D-- R-- D++ R-- D-- R-- D-- R-- D-- U' R-- D++ R-- D++ R++ D++ R-- D++ R++ D-- U' R-- D-- R++ D++ R-- D++ R-- D-- R-- D-- U' R-- D++ R-- D-- R-- D-- R++ D-- R-- D++ U R++ D++ R-- D-- R++ D-- R-- D-- R++ D++ U	
5.	R++ D-- R++ D++ R++ D-- R-- D++ R-- D++ U R-- D-- R++ D++ R++ D-- R-- D++ R++ D-- U' R-- D-- R-- D++ R++ D++ R++ D-- R++ D++ U R++ D-- R-- D++ R-- D-- R-- D-- R-- D-- U' R-- D++ R-- D++ R++ D-- R-- D++ R-- D++ U R++ D-- R++ D++ R-- D-- R-- D-- R-- D++ U R-- D++ R++ D-- R-- D-- R++ D-- R++ D-- U'	

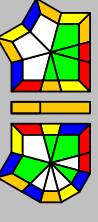



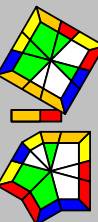
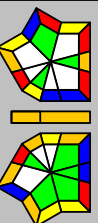
### Extra scrambles

E1.	R++ D++ R++ D-- R++ D-- R++ D-- R-- D-- U' R-- D-- R-- D-- R-- D-- R-- D++ R++ D-- U' R++ D-- R-- D-- R-- D-- R++ D++ R++ D++ U R++ D-- R-- D++ R++ D++ R++ D++ R++ D-- U' R++ D-- R-- D++ R++ D++ R++ D++ R++ D-- U' R++ D++ R++ D++ R++ D++ R++ D++ R++ D-- U' R-- D++ R-- D-- R++ D-- R-- D-- R++ D++ U	
E2.	R-- D++ R++ D-- R-- D-- R++ D-- R++ D-- U' R++ D++ R++ D++ R++ D-- R++ D++ R++ D++ U R++ D-- R++ D++ R++ D++ R-- D++ R++ D-- U' R-- D++ R++ D-- R++ D++ R-- D-- R-- D++ U R++ D-- R-- D++ R-- D-- R-- D++ R++ D++ U R++ D++ R-- D++ R-- D-- R++ D++ R-- D-- U' R-- D++ R-- D++ R-- D-- R-- D++ R++ D++ U	

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

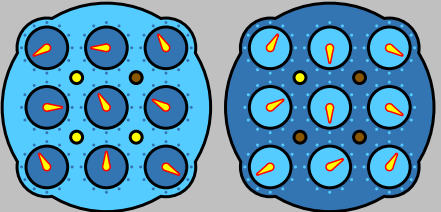
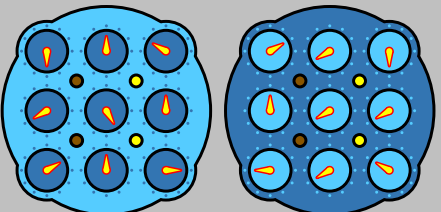
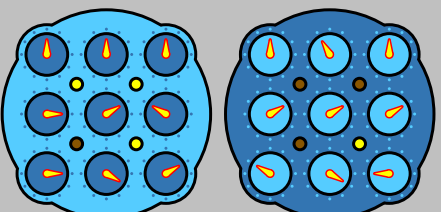
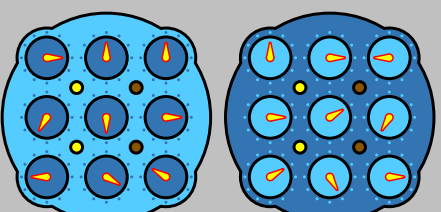
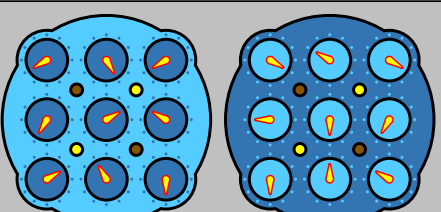
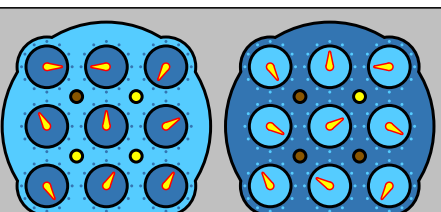
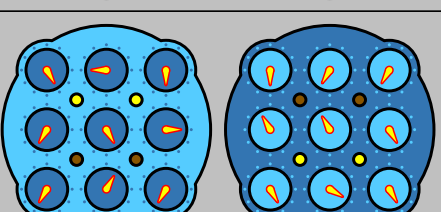
2015/08/07

Square-1 Round 1  
 NU\_CUBING\_08-02-2015

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

2015/08/07

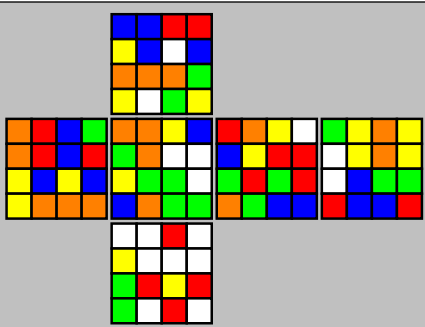
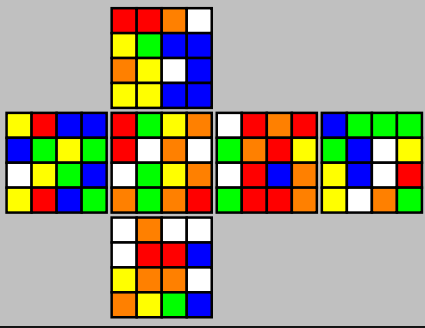
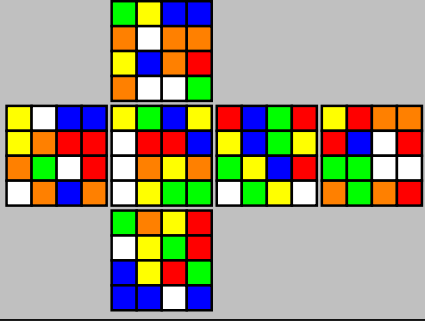
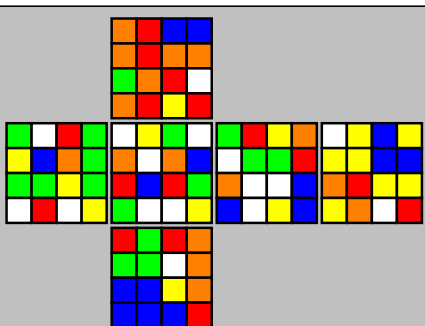
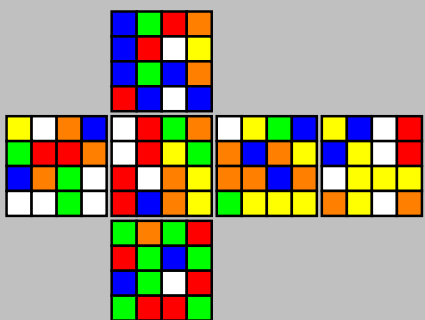
Rubik's Clock Round 1  
NU\_CUBING\_08-02-2015

1.	UR3- DR5- DL1+ UL5+ U2+ R0+ D4+ L4- ALL6+ y2 U1- R4- D2+ L1+ ALL1+ DR DL UL	
2.	UR4+ DR3- DL1+ UL5+ U3+ R5- D2+ L6+ ALL5- y2 U5+ R3- D5+ L5+ ALL5+ UR DR	
3.	UR6+ DR3- DL2+ UL2- U6+ R3- D4+ L0+ ALL4+ y2 U2- R1- D2+ L4+ ALL1- UR DR UL	
4.	UR3- DR5+ DL2+ UL2- U2+ R3- D4+ L5- ALL2+ y2 U2+ R1- D6+ L3+ ALL4- DL UL	
5.	UR2- DR4+ DL3+ UL1+ U5- R5- D1+ L5- ALL2+ y2 U3+ R5- D3- L4+ ALL3+ UR DL	
Extra scrambles		
E1.	UR2+ DR2+ DL3+ UL5- U5- R6+ D3- L0+ ALL2+ y2 U1- R1+ D3+ L2- ALL1- UR DR DL	
E2.	UR0+ DR6+ DL5+ UL2- U3- R6+ D5+ L3+ ALL3+ y2 U4+ R2- D4- L2+ ALL5+ UR UL	



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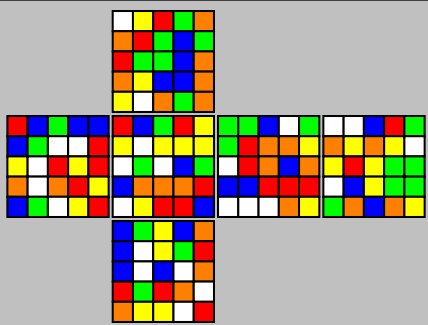
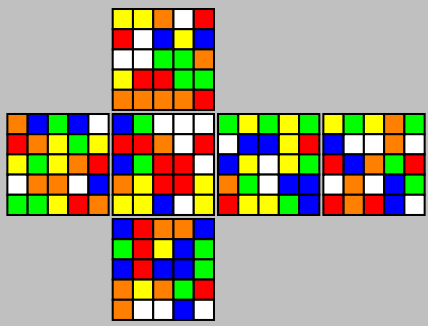
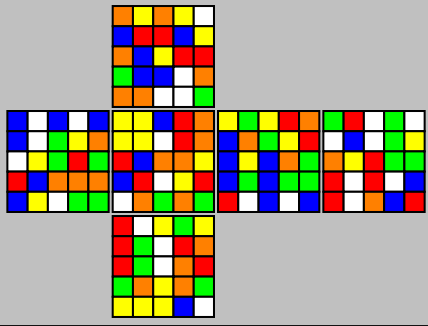
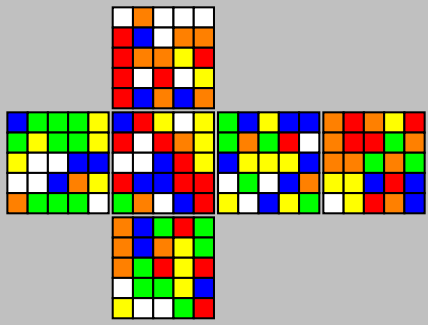
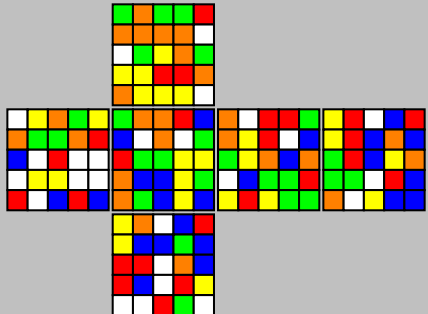
4x4x4 Cube: Blindfolded Round 1  
 NU\_CUBING\_08-02-2015

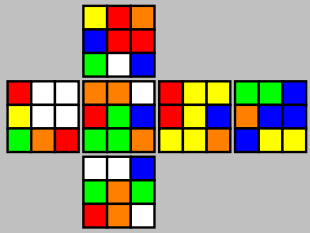
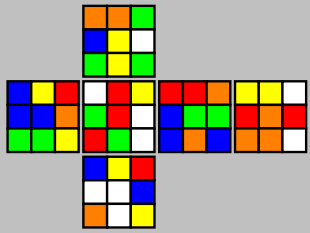
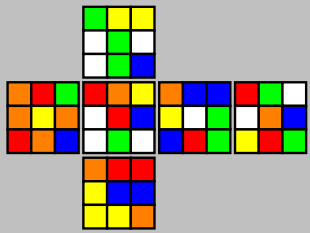
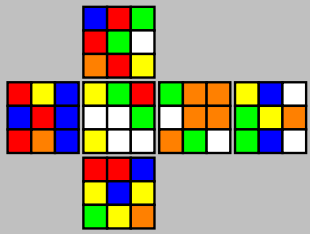
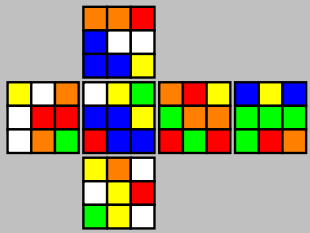
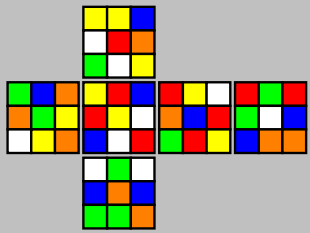
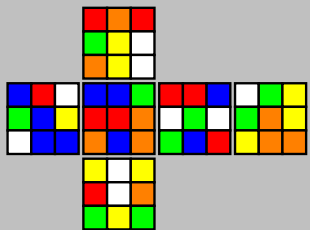
1.	U2	B2	R'	D2	U2	R'	B2	D2	
	B2	D2	B'	R2	F'	R	U'	B2	
	L'	U2	B2	Fw2	Rw2	U'	R	Fw2	
	D'	Fw2	U2	Fw2	D2	L'	R	U2	
	Fw'	Uw2	Fw	R2	B'	D2	B	Rw	
	Uw	F'	Uw	B2	U2	z	y'		
2.	D2	F	R2	B'	R2	F2	D2	R2	
	U2	R	F	L'	R2	F'	R2	F	
	L2	U'	B	U	Rw2	F	U'	Rw2	
	F'	Rw2	B2	U2	L2	Fw2	D	L2	
	F2	Rw'	Uw2	D'	B	D'	Fw'	D2	
	L	Fw2	Uw	R2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

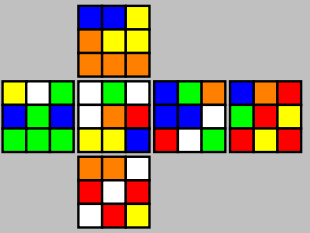
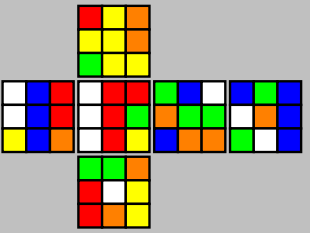
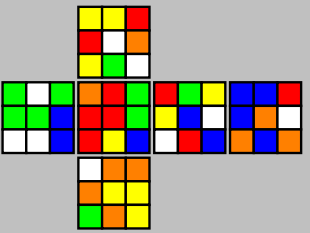
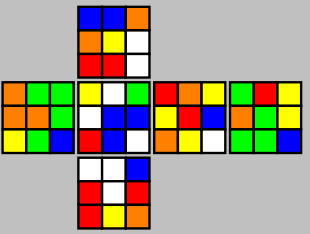
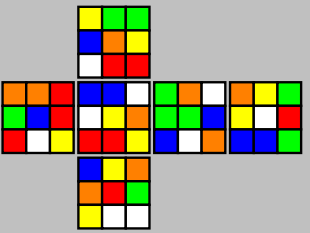
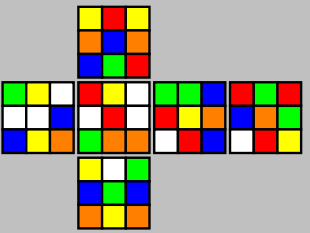
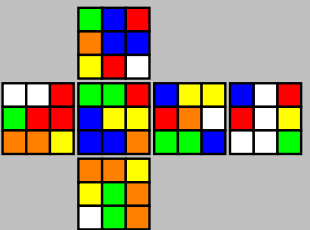
2015/08/07

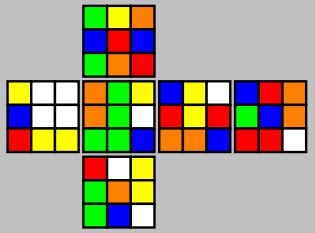
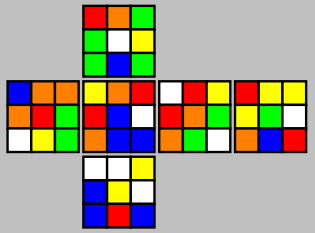
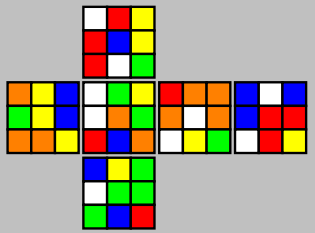
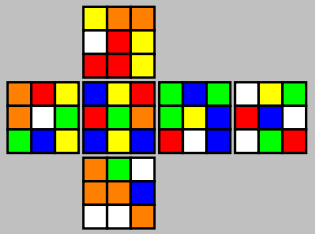
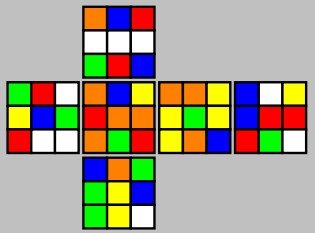
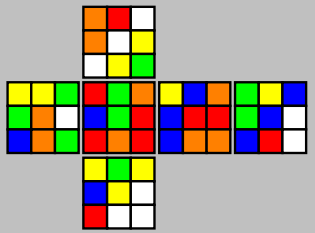
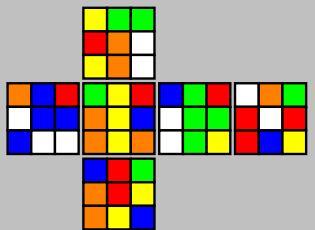
# 5x5x5 Cube: Blindfolded Round 1

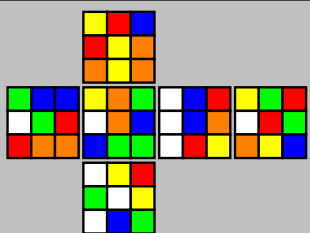
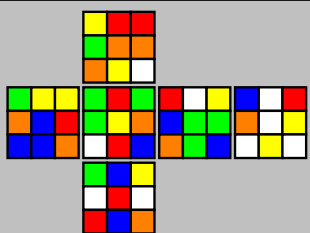
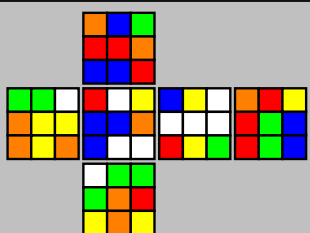
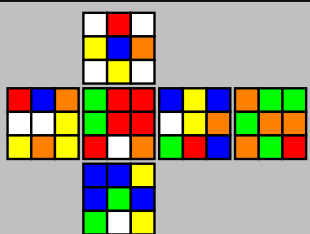
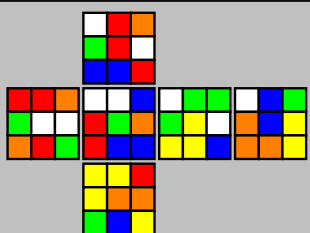
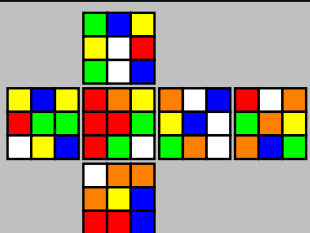
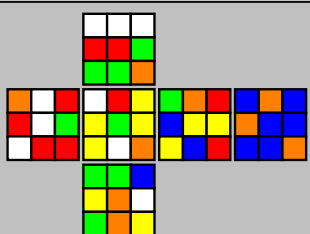
## NU\_CUBING\_08-02-2015

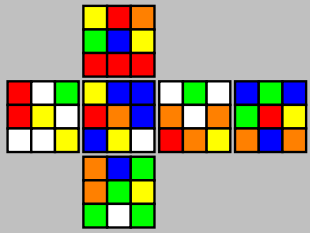
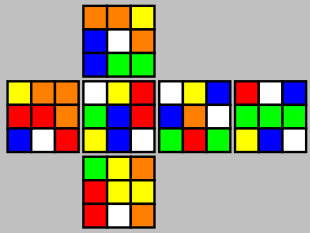
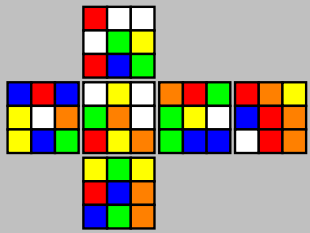
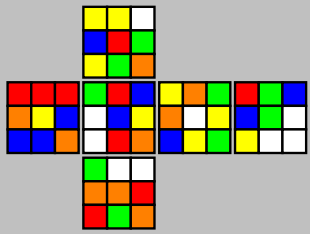
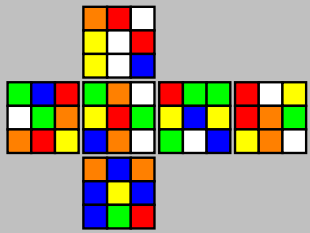
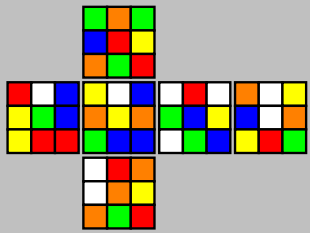
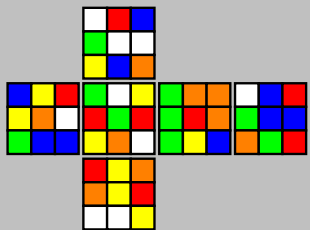
1.	Rw	Bw	D'	Lw2	L	U'	Dw'	Uw			
	B	Fw	L'	R2	F2	R2	Uw2	D2			
	L2	Rw	Uw'	Dw2	B	Fw2	D	Bw'			
	B'	Lw	Fw'	D	Uw'	L'	Dw2	F'			
	Fw'	Uw	D'	R	Lw	L'	B'	Bw2			
	Lw2	R2	Bw2	Dw'	Fw2	U'	L	D'			
	Bw2	Fw2	B'	L	Bw2	U'	D2	Uw			
	Bw'	B2	L'	Uw2	3Rw	3Uw2					
2.	B'	U2	B	L'	Fw'	B2	D2	F2	U2	Bw2	
	Lw2	Fw2	F2	B	Dw'	Bw	R2	B2	Dw'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

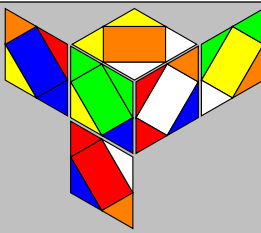
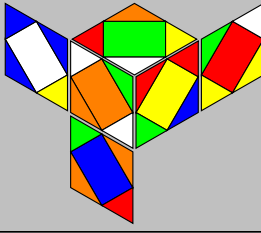
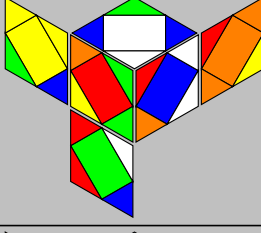
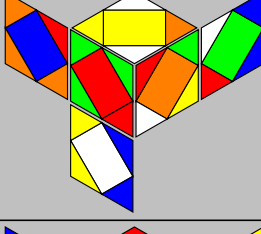
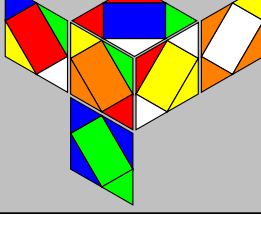
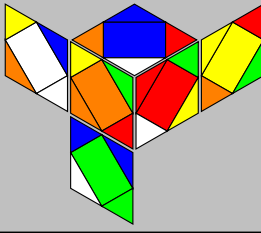
1.	U2 B2 L U2 R B2 F2 D2 L2 D' R2 B D2 U R' F' L R' B' L Fw'	
2.	R2 B2 U2 L2 F' R2 F2 D2 L2 F2 D F' D' U F2 L U2 B' L2 B2 Rw2 Uw	
3.	F2 L2 F2 L2 R D2 L' B2 U2 F2 U' B' D' R2 B L2 R D' R B' F' Rw Uw	
4.	U2 R D2 R' D2 L' F2 L' F2 R2 U' L2 B' D U B2 R' U' B D2 B' Rw Uw2	
5.	F2 L2 R2 D' R2 D' L2 D2 B2 F2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

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

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

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

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

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