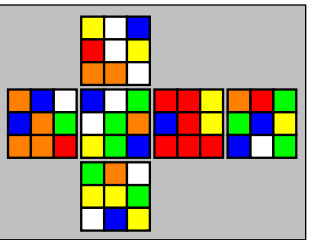
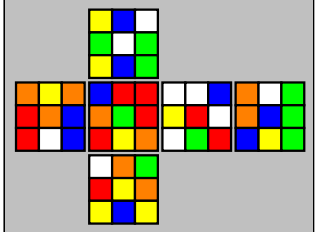
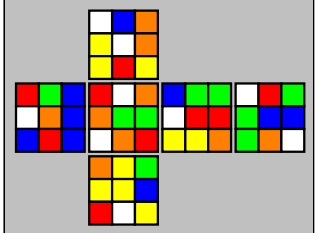
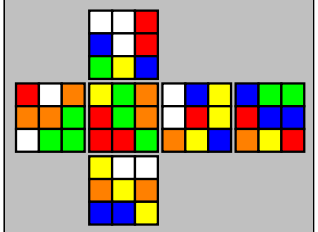
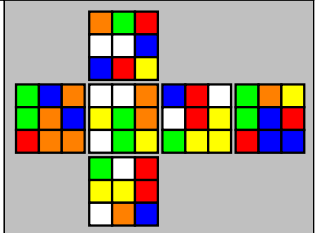
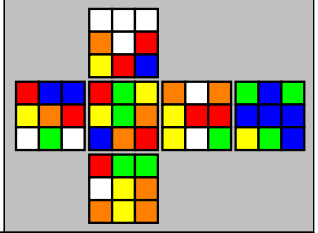
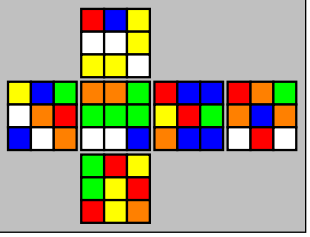
2015/08/07

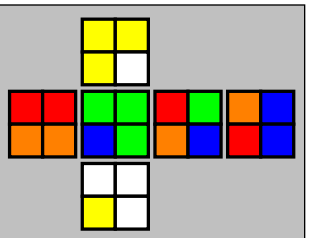
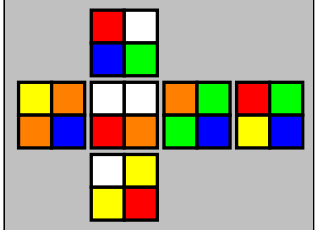
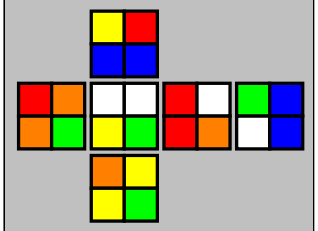
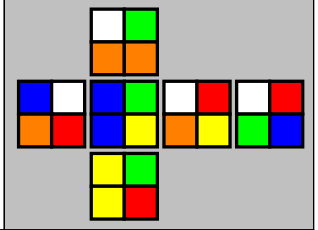
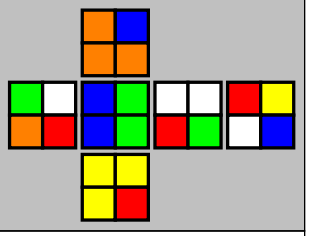
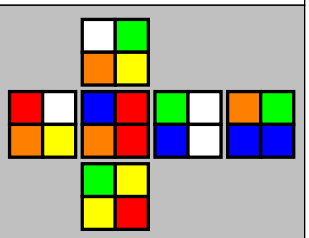
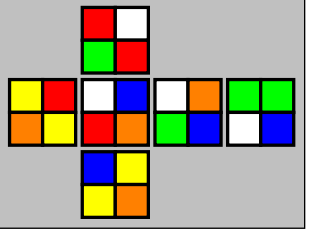
3x3x3 Cube Round 1
NU_CUBING_09-13-2015

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

Generated by TNoodle-WCA-0.10.0

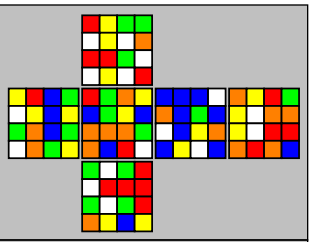
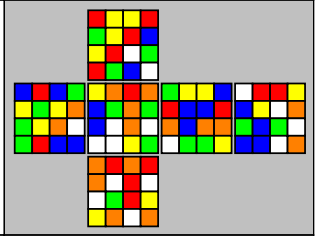
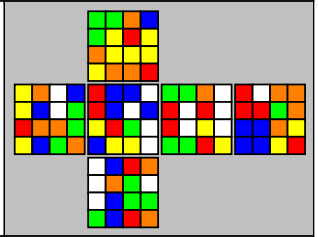
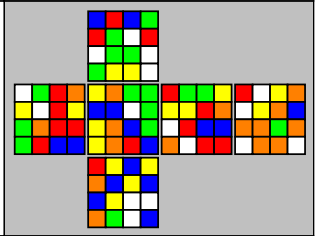
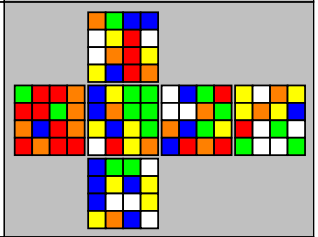
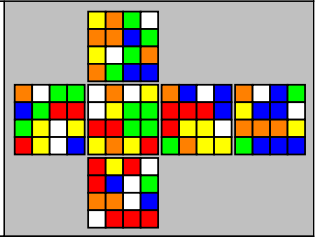
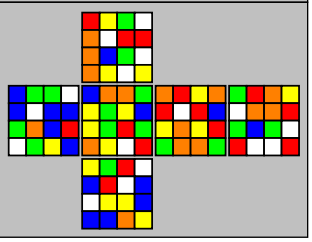
2015/08/07

2x2x2 Cube Round 1
NU_CUBING_09-13-2015

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

2015/08/07

4x4x4 Cube Round 1
NU_CUBING_09-13-2015

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

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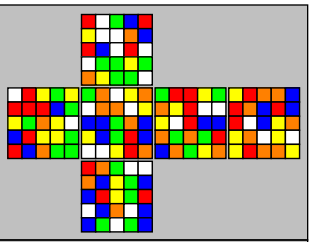
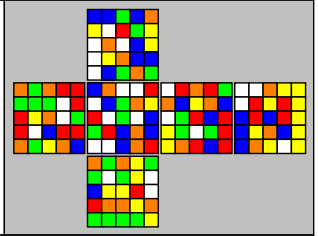
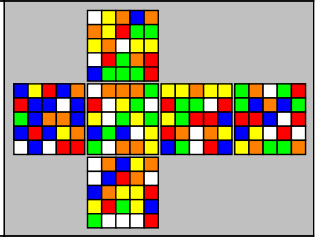
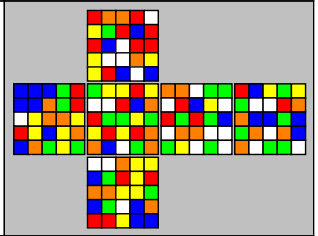
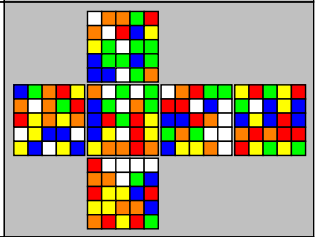
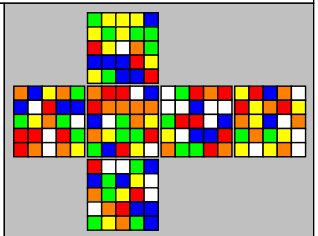
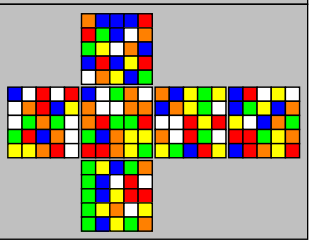
2015/08/07

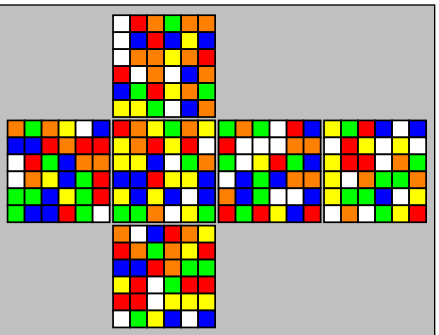
5x5x5 Cube Round 1
NU_CUBING_09-13-2015

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

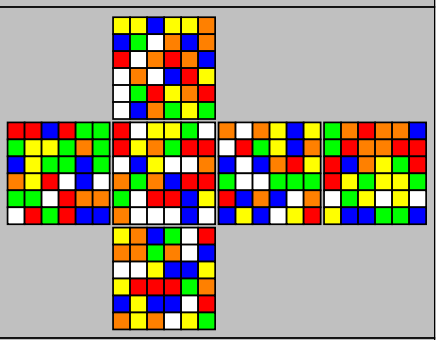
2015/08/07

6x6x6 Cube Round 1
NU_CUBING_09-13-2015

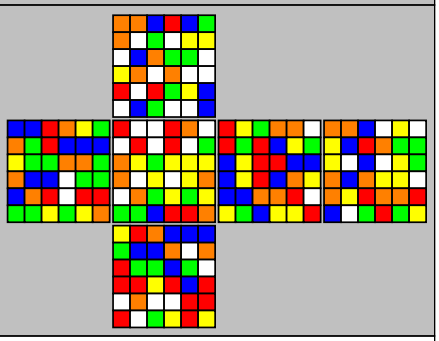
1.	L2	U'	3Rw'	R'	Fw'	Lw2	Uw	3Rw2	B'
	F'	Rw	Uw	R'	3Uw2	B	3Fw	U	Rw2
	3Uw	Dw2	Bw	B	Uw'	3Uw2	R'	D	3Fw'
	Bw	Dw'	Uw2	3Rw2	Lw	L	D2	3Fw	3Uw'
	Rw'	Bw	3Rw'	U	B	Lw	3Fw'	R'	L2
	F'	Dw2	L'	3Fw2	B	D'	Bw'	Rw2	3Uw2
	Uw	Lw	F	3Fw2	L2	3Fw2	Uw	Fw	3Fw'
	Bw	D	L2	Lw	Dw	F2	Dw2	L	B
	Fw	L'	3Uw2	3Rw'	Fw	R2	Uw2	3Fw2	



2.	Rw'	Uw'	B'	D	U2	Rw	Dw'	L	Fw2
	D'	3Rw	Rw2	3Uw'	Uw'	Fw2	D'	Lw	F2
	Rw'	D'	3Rw'	U	3Fw2	U2	3Uw2	L	U
	B2	Bw	Dw'	Uw2	Bw'	Lw	Dw	Lw'	Fw
	U	Uw2	L	Fw2	3Rw	B'	Rw'	Bw	F'
	Rw2	Bw2	Rw	Dw'	F2	Uw2	Bw	D2	Dw
	Bw	B2	L	Bw	3Uw2	Fw2	3Uw'	Fw	U
	Uw	Lw2	3Fw	D'	Rw	B'	U2	3Rw	Dw
	B'	3Fw2	3Uw	F'	Fw'	Rw2	Uw	R'	

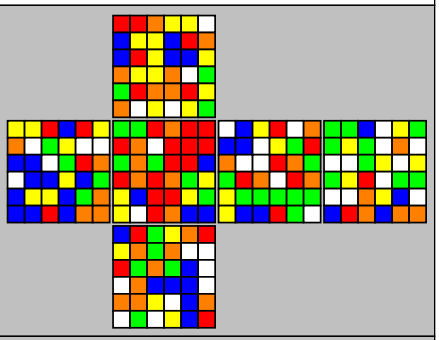


3.	D	U2	B	Lw2	Rw2	D'	Fw	R'	U
	B'	F	Bw'	3Fw'	L2	Lw2	3Rw	F2	3Rw2
	Lw	D2	R	3Fw'	Uw'	Fw'	3Rw2	Dw2	Lw2
	B	Uw'	D'	Dw2	3Uw2	3Fw2	Dw2	Lw	F
	Rw	Lw'	B2	R	Rw	Dw2	R	Fw'	3Rw2
	F	Bw'	3Uw	R2	Dw2	R'	3Uw2	Dw	Lw2
	F2	L2	3Uw	L	B2	Fw2	Lw'	Dw2	B2
	Lw'	L	F	3Uw	3Fw2	F	R	U	D2
	L2	3Rw'	Uw	Dw	R	U2	Bw'	Lw2	

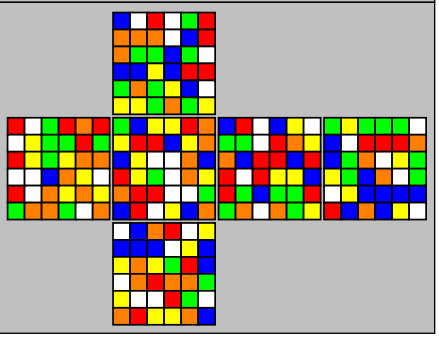


Extra scrambles

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



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



2015/08/07

7x7x7 Cube Round 1
NU_CUBING_09-13-2015

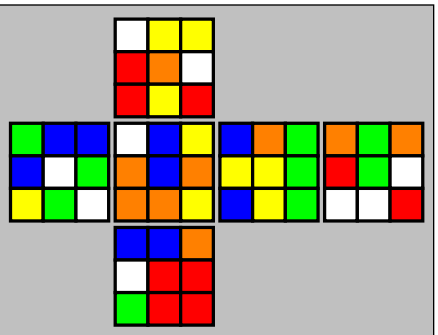
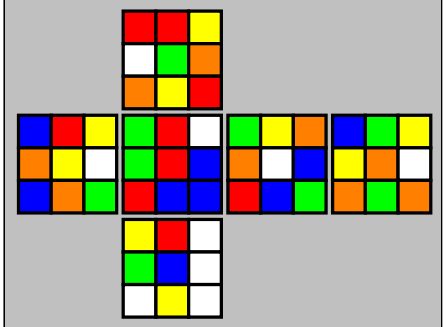
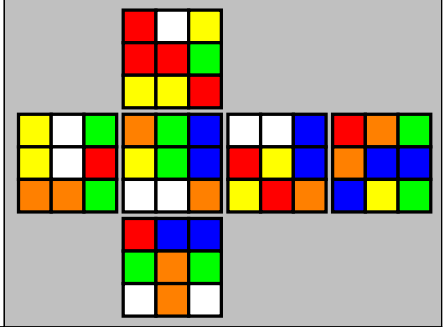
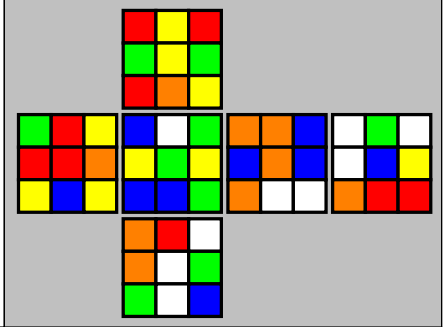
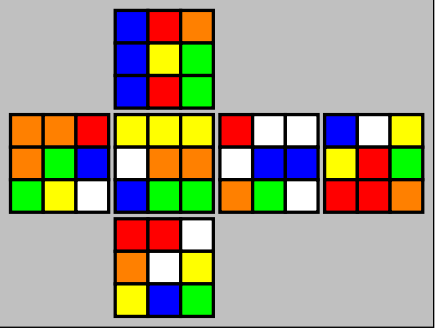
1.	Bw2	Dw2	U	Lw2	3Rw'	D'	3Dw2	3Uw'	Lw'	Dw'
	Rw2	Bw'	3Bw'	F	Fw2	3Fw2	Uw'	F	3Lw2	3Dw'
	U2	3Lw'	Fw'	U	Uw2	3Fw'	B2	Dw2	U2	B2
	Fw'	3Uw'	L	U	D	3Dw	Fw	L	3Dw'	R2
	B	Dw'	Rw2	Fw'	Lw2	Fw2	Bw2	3Bw2	Dw'	Rw
	3Lw2	Dw2	Lw2	Rw'	3Uw	Uw'	3Fw'	3Rw	Dw	F
	3Uw'	3Lw	3Bw'	Rw	3Bw	F2	3Fw'	Bw2	3Rw'	R2
	3Dw'	3Uw'	3Rw2	F2	L'	3Bw'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

Extra scrambles

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

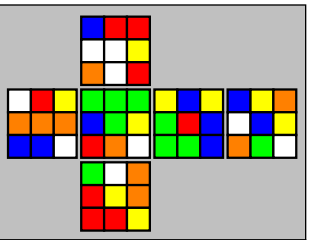
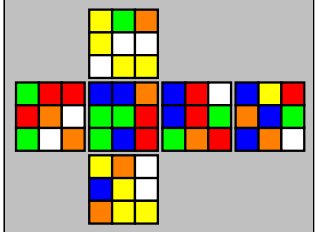
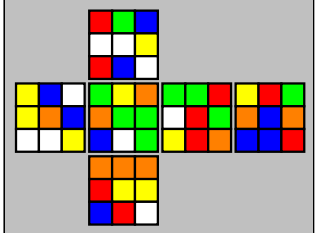
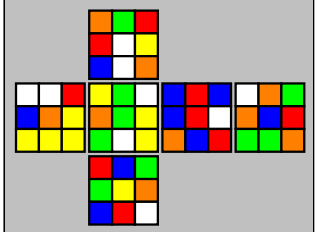
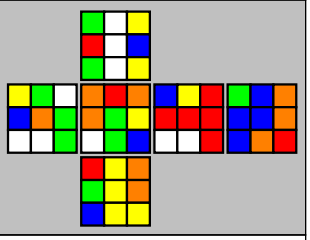
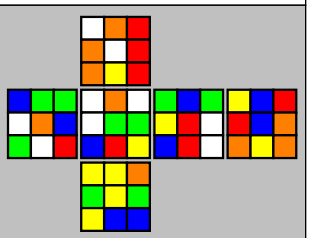
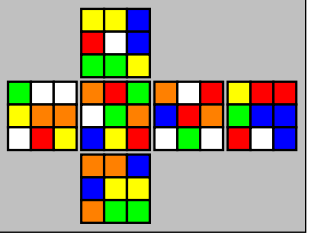
2015/08/07

3x3x3: Blindfolded Round 1
NU_CUBING_09-13-2015

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

2015/08/07

3x3x3: One-Handed Round 1
NU_CUBING_09-13-2015

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

Fewest Moves

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

- You have 1 hour to find a solution.
- Your solution length will be counted in OBTM.
- Your solution must be at most 80 moves, including rotations.
- Your solution must not be directly derived from any part of the scrambling algorithm.

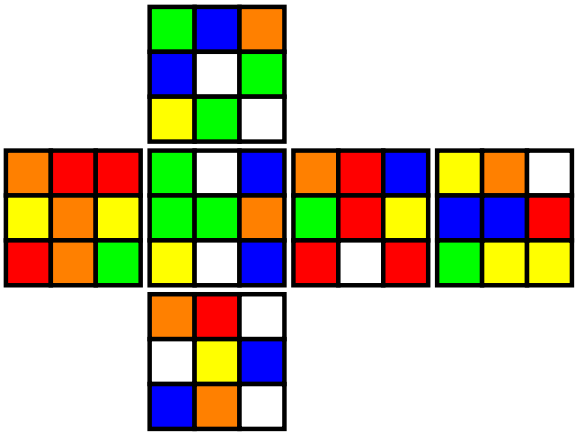
NU_CUBING_09-13-2015
3x3x3: Fewest Moves Round 1
Scramble 1 of 3

Competitor: _____

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

DO NOT FILL IF YOU ARE THE COMPETITOR

Graded by: _____ Result: _____



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

Fewest Moves

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

- You have 1 hour to find a solution.
- Your solution length will be counted in OBTM.
- Your solution must be at most 80 moves, including rotations.
- Your solution must not be directly derived from any part of the scrambling algorithm.

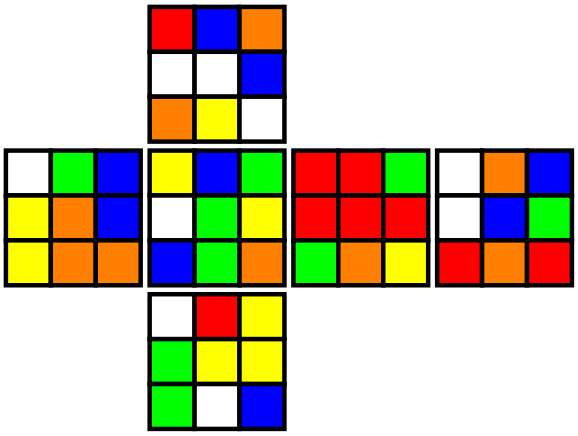
NU_CUBING_09-13-2015
3x3x3: Fewest Moves Round 1
Scramble 2 of 3

Competitor: _____

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

DO NOT FILL IF YOU ARE THE COMPETITOR

Graded by: _____ Result: _____



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

____	____	____	____	____	____	____	____	____	____
____	____	____	____	____	____	____	____	____	____
____	____	____	____	____	____	____	____	____	____
____	____	____	____	____	____	____	____	____	____
____	____	____	____	____	____	____	____	____	____
____	____	____	____	____	____	____	____	____	____
____	____	____	____	____	____	____	____	____	____
____	____	____	____	____	____	____	____	____	____

Fewest Moves

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

- You have 1 hour to find a solution.
- Your solution length will be counted in OBTM.
- Your solution must be at most 80 moves, including rotations.
- Your solution must not be directly derived from any part of the scrambling algorithm.

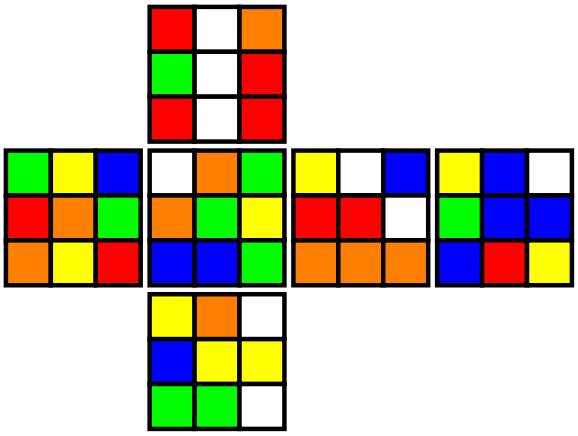
NU_CUBING_09-13-2015
3x3x3: Fewest Moves Round 1
Scramble 3 of 3

Competitor: _____

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

DO NOT FILL IF YOU ARE THE COMPETITOR

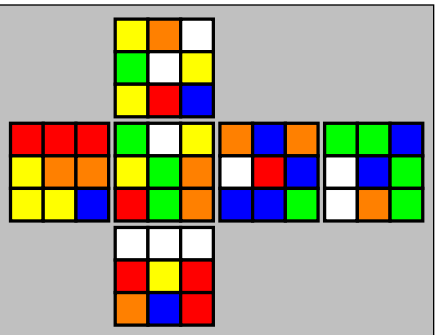
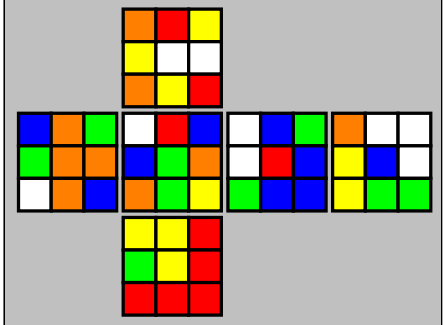
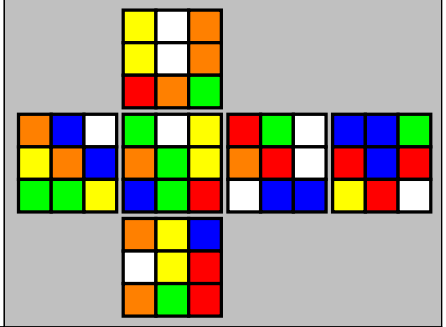
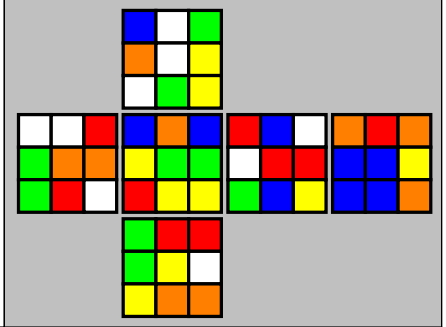
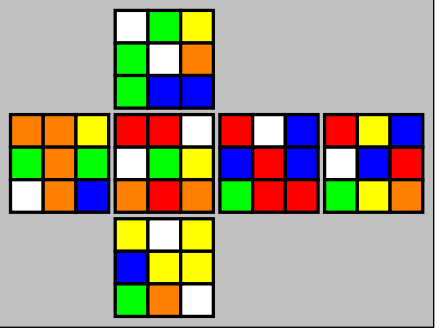
Graded by: _____ Result: _____



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

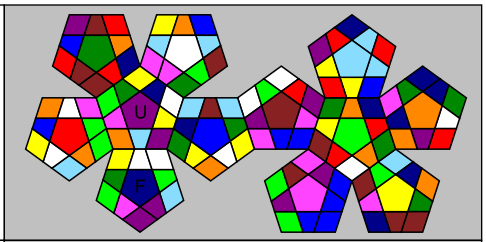
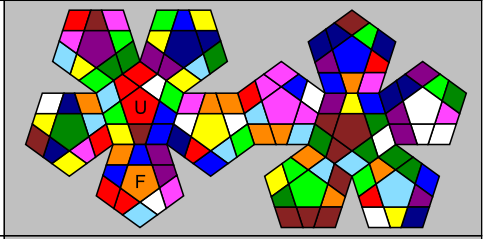
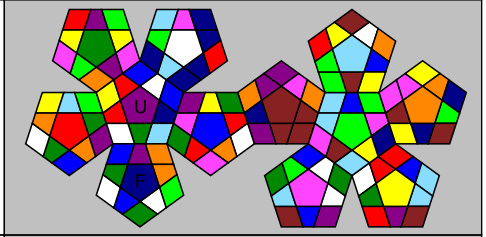
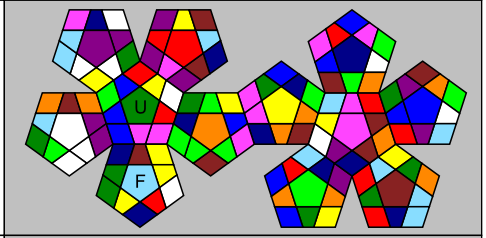
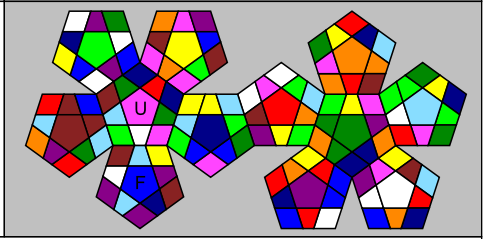
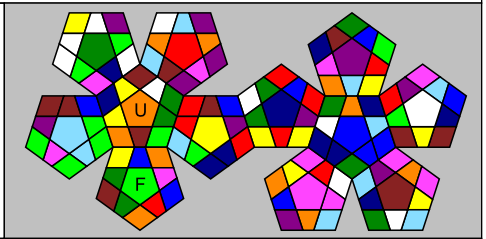
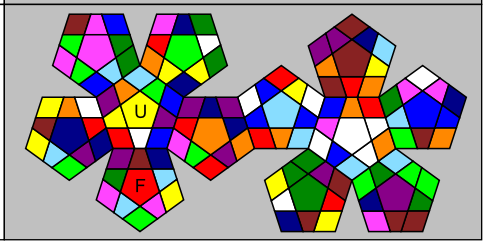
2015/08/07

3x3x3: With Feet Round 1
NU_CUBING_09-13-2015

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

2015/08/07

Megaminx Round 1
NU_CUBING_09-13-2015

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

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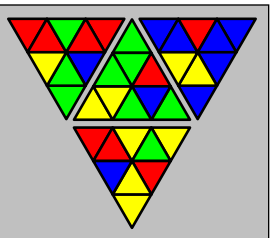
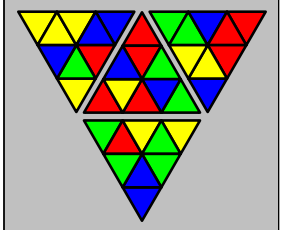
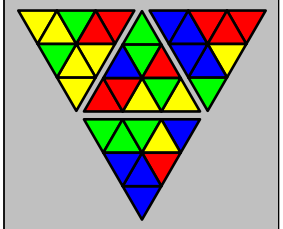
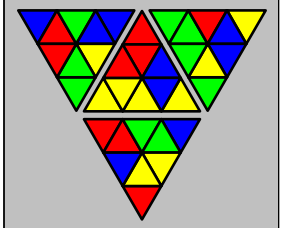
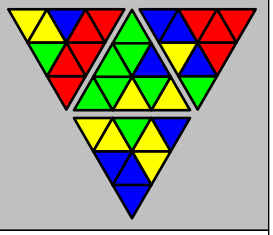
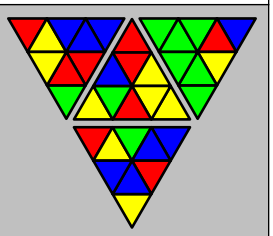
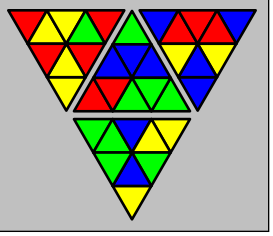
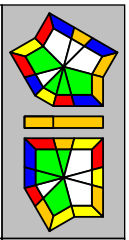
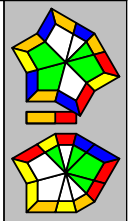
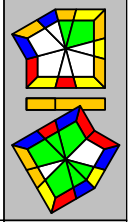
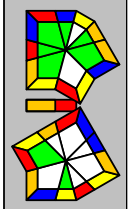
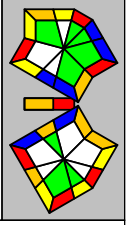
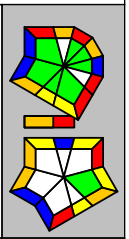
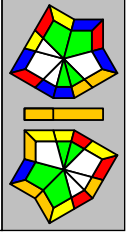
2015/08/07

Pyraminx Round 1
NU_CUBING_09-13-2015

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

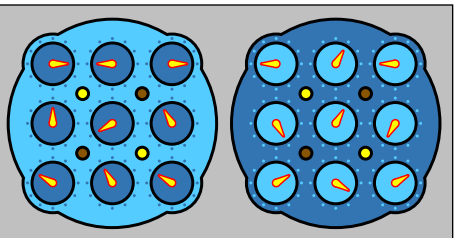
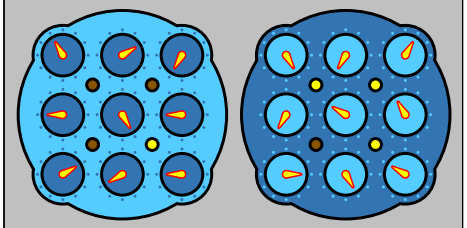
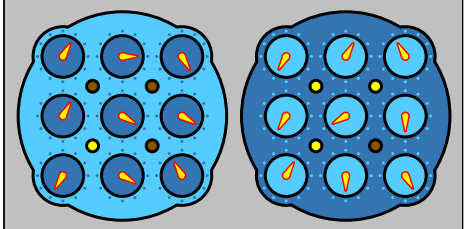
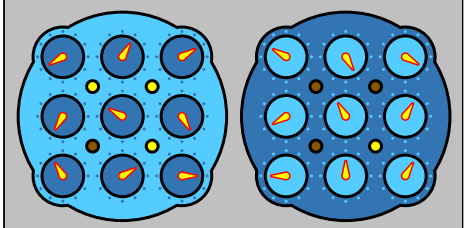
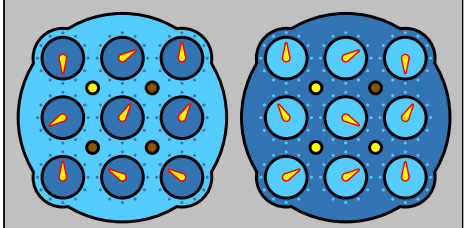
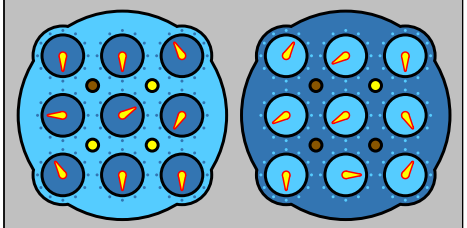
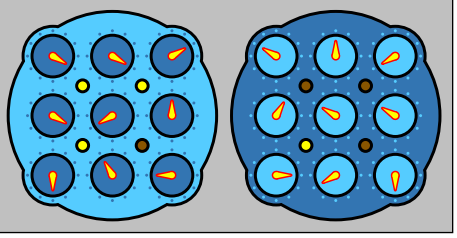
2015/08/07

Square-1 Round 1
NU_CUBING_09-13-2015

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

2015/08/07

Rubik's Clock Round 1
NU_CUBING_09-13-2015

1.	UR4- DR4+ DL3+ UL5- U6+ R4- D5+ L4- ALL0+ y2 U3- R4- D1- L3- ALL5- DR UL	
2.	UR1+ DR5- DL1- UL4+ U0+ R5- D3- L4- ALL1- y2 U3- R4- D3+ L4- ALL1+ DR	
3.	UR0+ DR2- DL0+ UL2+ U0+ R3+ D3- L0+ ALL4- y2 U0+ R3+ D1+ L0+ ALL0+ DL	
4.	UR3- DR4+ DL5- UL2- U4+ R2+ D5- L5+ ALL1- y2 U4- R3+ D3- L5+ ALL3- UR DR UL	
5.	UR3+ DR5+ DL4+ UL6+ U5+ R3- D5+ L5+ ALL2- y2 U3+ R5+ D1- L0+ ALL6+ UL	
Extra scrambles		
E1.	UR2+ DR4+ DL2+ UL2+ U1+ R6+ D6+ L1- ALL2- y2 U4- R5+ D4- L5- ALL2- UR DR DL	
E2.	UR5- DR3+ DL4- UL5+ U2+ R1- D1- L1- ALL0+ y2 U3- R4+ D4+ L4- ALL5- UR DL UL	

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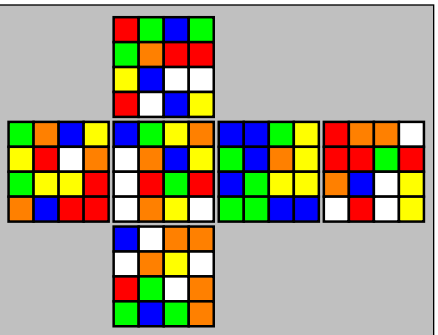
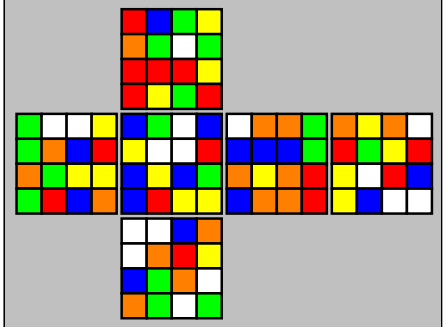
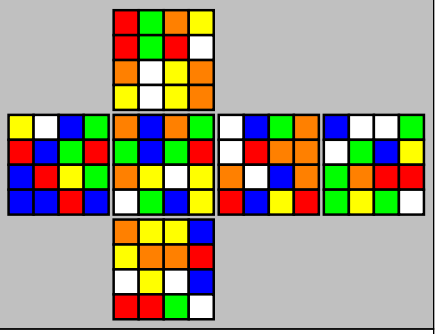
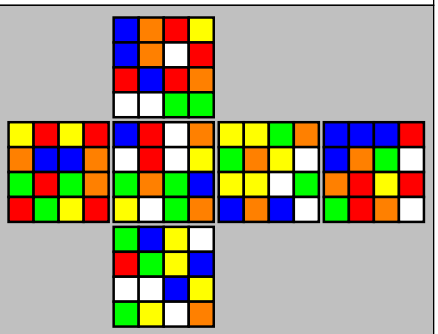
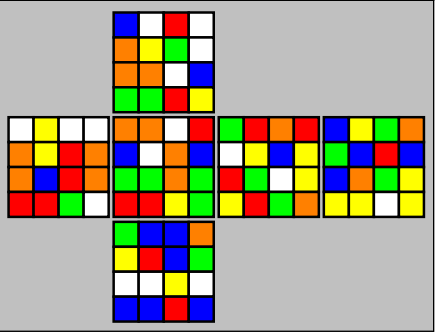
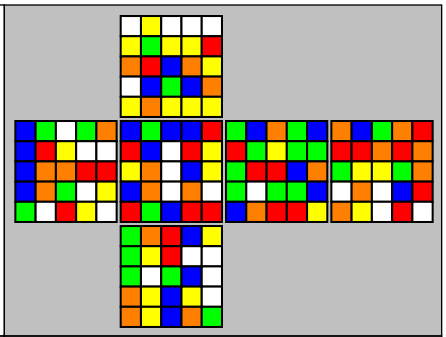
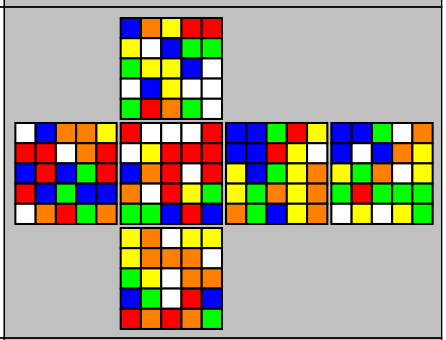
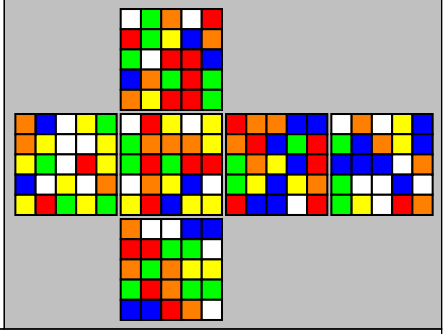
2015/08/07

4x4x4 Cube: Blindfolded Round 1
NU_CUBING_09-13-2015

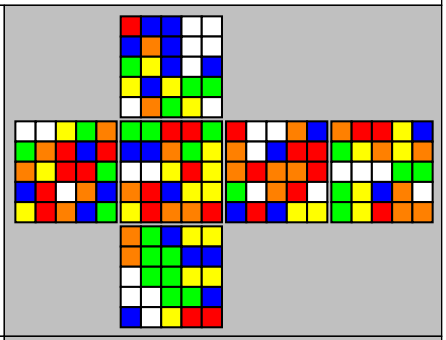
1.	U2 R B' R2 B L2 U' B2 F' R' F D2 B U2 F2 U2 L2 F' L2 Rw2 F Uw2 F L R U2 Rw2 L2 B' Rw2 Uw2 D' B Uw' L U' B2 Rw Uw' Rw' Fw U2 R D z' y2	
2.	B' U' R' L F' B R' B' L' F U2 B2 U B2 U' B2 R2 D' B2 Uw2 R D' F2 Uw2 B2 Rw2 R U' L R2 F U Fw2 R Fw' Uw' Rw F' Rw2 Uw2 R2 Fw' x'	
3.	L2 U2 R U' B' L' U' F2 R B' L2 F' B2 U2 B' L2 F D2 L2 U2 Fw2 L' U2 Fw2 B2 U L2 D' Fw2 R2 U Rw2 L' Fw' L2 F' Uw2 Fw2 Uw Fw L' F2 R2 Fw R x2	
Extra scrambles		
E1.	R F2 U L U' D2 R2 U D' F B2 U2 L U2 L U2 F2 R2 Rw2 F2 Uw2 F Uw2 F' D2 Fw2 B' D Rw2 D2 R' F D2 Rw' R2 Uw' U2 Fw' R2 D Fw' R z	
E2.	U L2 B2 D B R F R2 D2 U F R2 B' R2 B' R2 D2 R2 D2 U2 Uw2 Rw2 B D' R2 Fw2 B F' Uw2 U' B D B Rw' Uw2 F' Rw' R' D R Uw B' Rw2 Fw' L Uw' R' x2 y2	

2015/08/07

5x5x5 Cube: Blindfolded Round 1
NU_CUBING_09-13-2015

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

Extra scrambles

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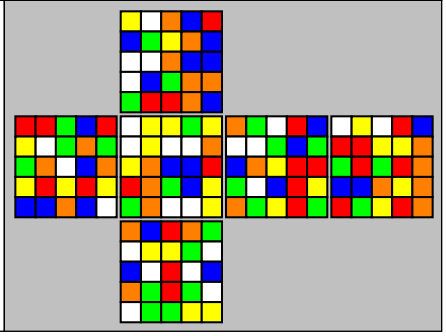
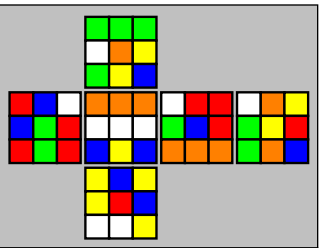
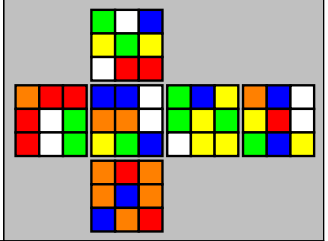
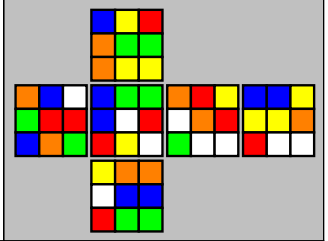
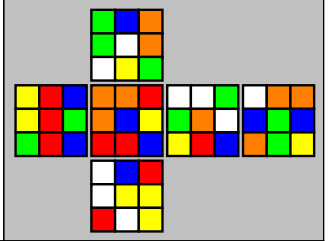
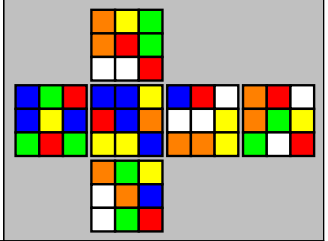
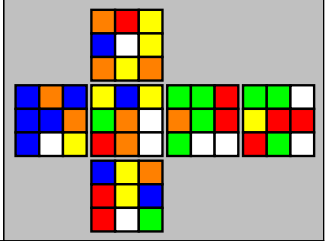
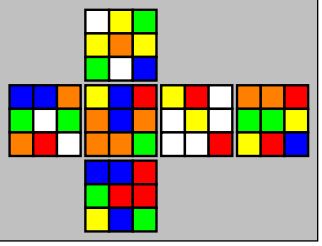
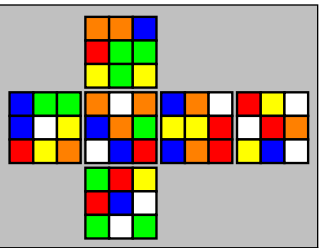
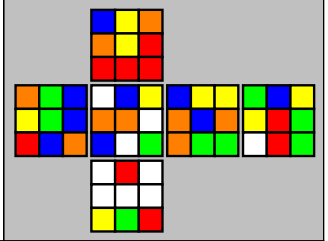
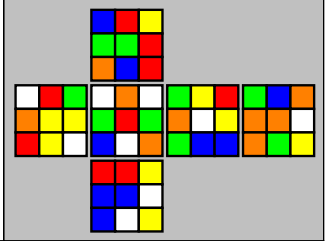
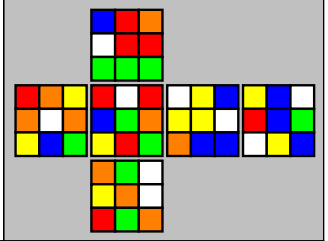
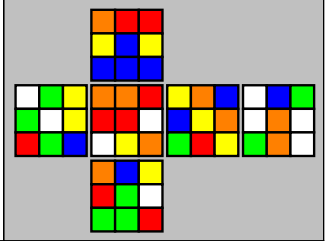
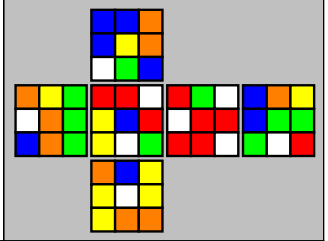
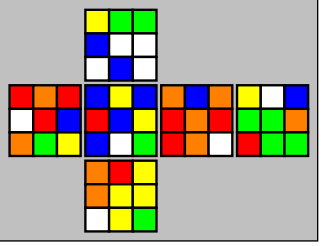
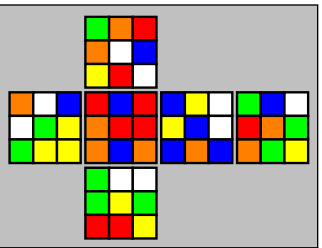
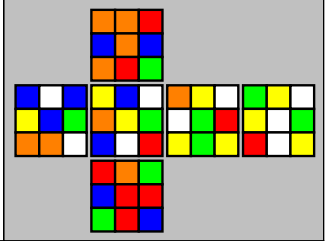
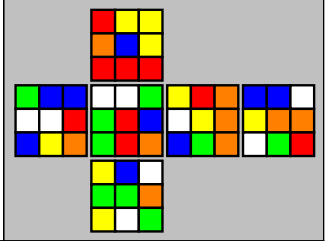
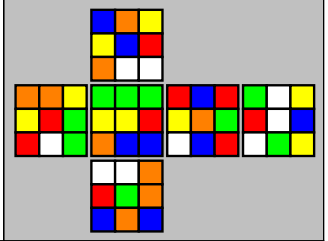
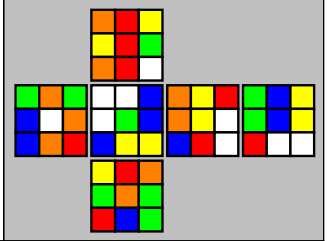
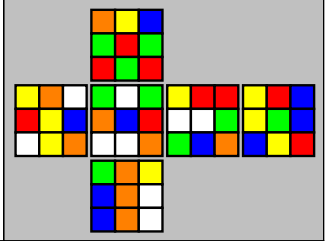
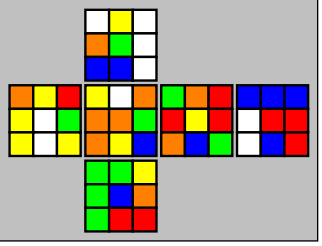
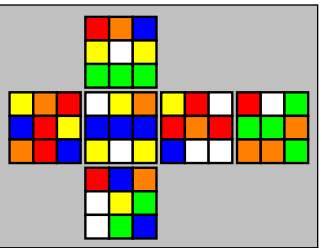
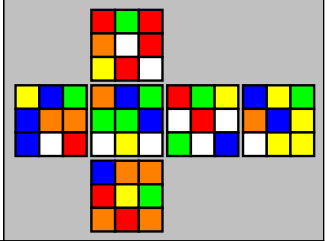
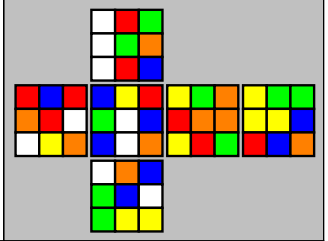
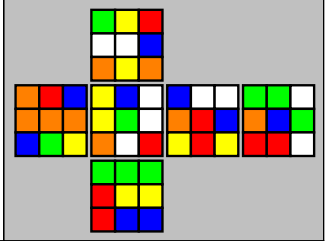
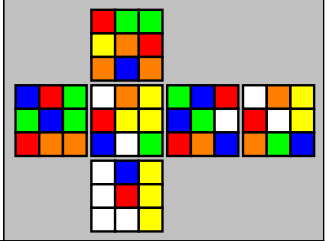
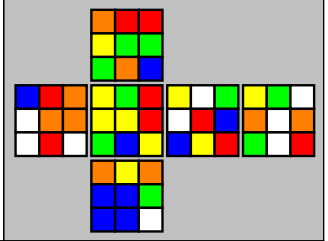
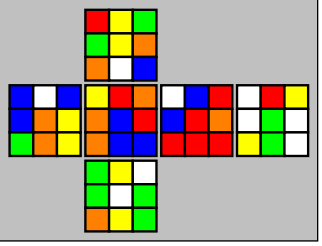
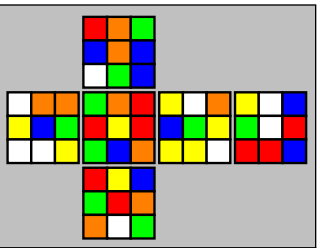
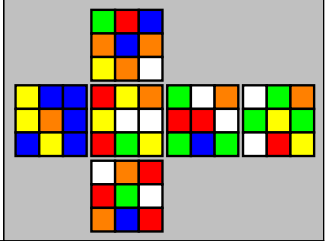
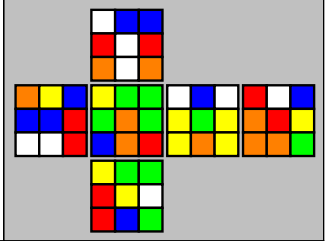
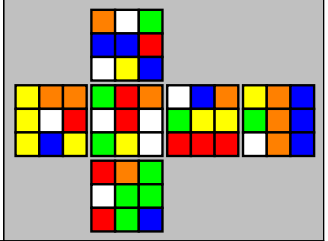
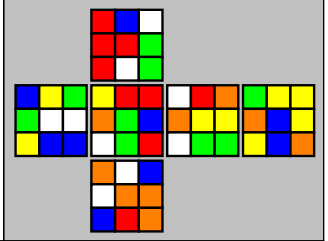
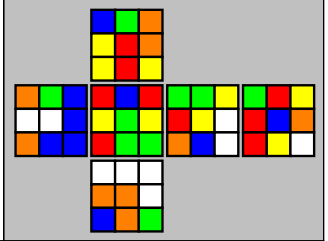
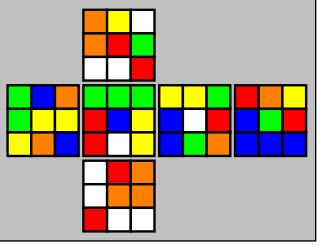
E2.	B2	Dw	Bw2	Rw2	Lw2	D	U'	Rw'	
	L'	Bw	Uw	B	Dw'	Uw	L'	U	
	F	Lw	Bw	Fw2	F'	B2	U'	Fw2	
	U2	L2	D'	B'	R'	B'	Fw	R2	
	Rw	Dw	Bw	D2	Lw	B	F'	Bw	
	U	Uw	R	Fw'	D2	Lw	D2	B2	
	Dw2	U'	Fw'	Uw'	Bw'	U'	F	B'	
	U2	B2	Dw	R	3Fw	3Uw2			

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

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

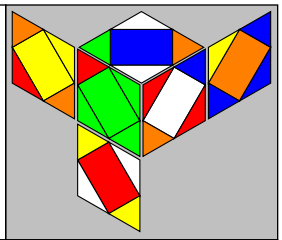
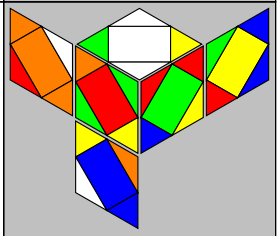
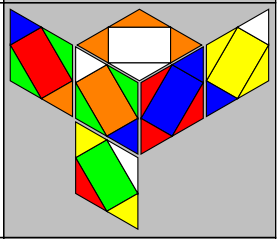
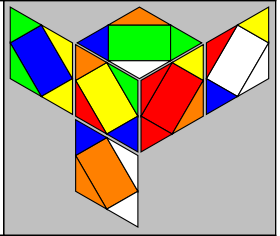
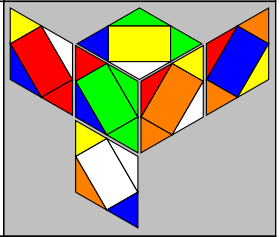
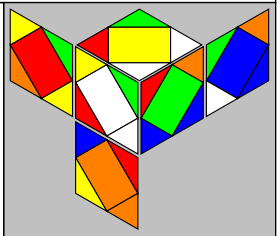
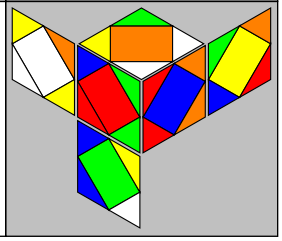
15.	L2 D2 R' F2 L F2 R2 D2 F R' U2 B' L R2 B' F' U F' Uw	
16.	D2 L2 R' F2 D2 L2 U2 R D2 L' F2 D' F L R B' L' R2 F D' L' Fw Uw'	
17.	U R2 D' B2 D' R2 F2 U2 L R' F' L U2 L2 B' L' R2 U F Rw' Uw	
18.	U2 L' B2 L' B2 D2 U2 L2 D2 B' F' U B2 L R2 B' U' R D' Rw' Uw2	
19.	U' B2 F2 U2 L2 D B2 D2 U' L U' F' L U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

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

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

2015/08/07

Skewb Round 1
NU_CUBING_09-13-2015

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

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