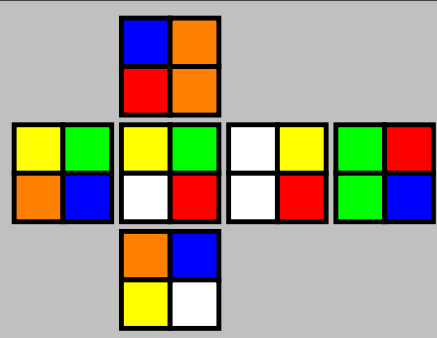
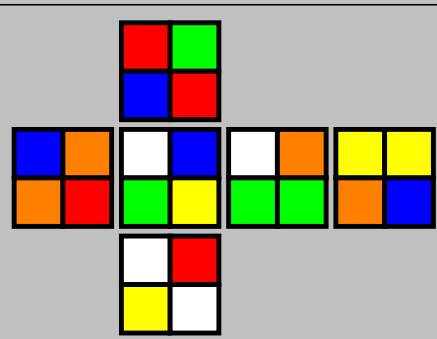
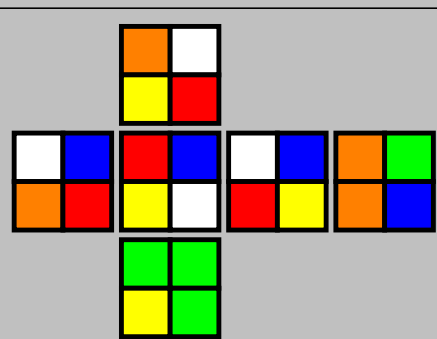
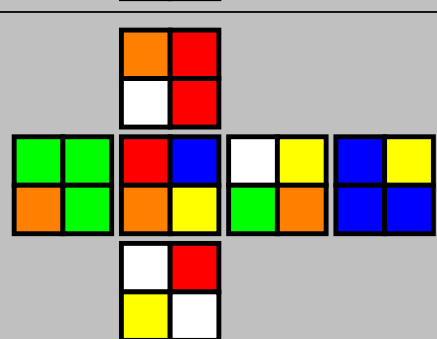
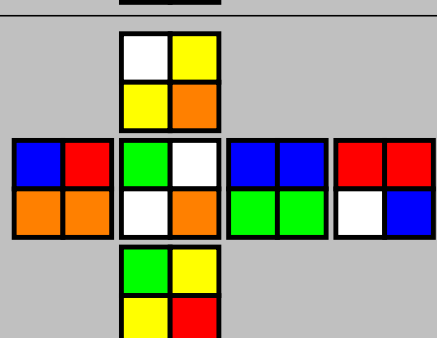
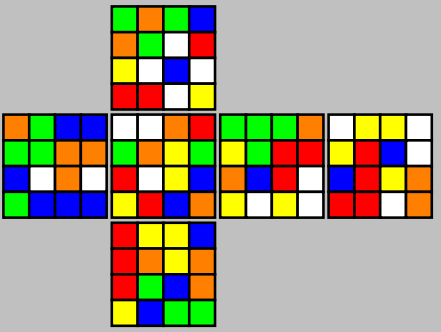
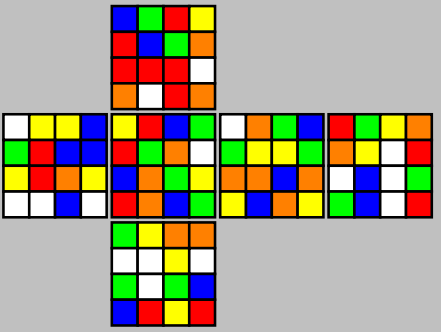
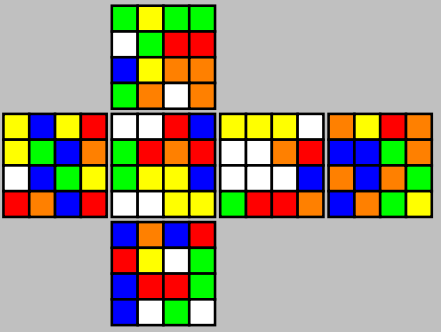
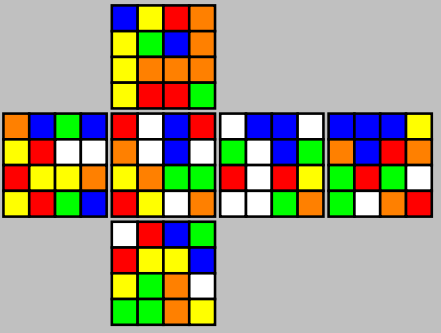
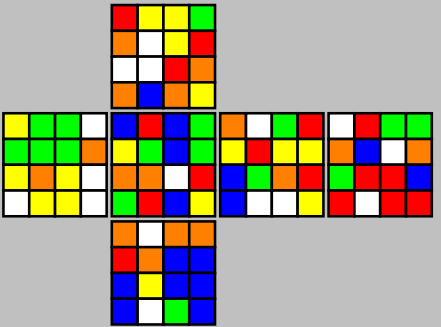
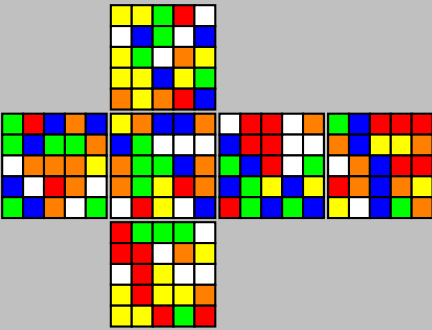
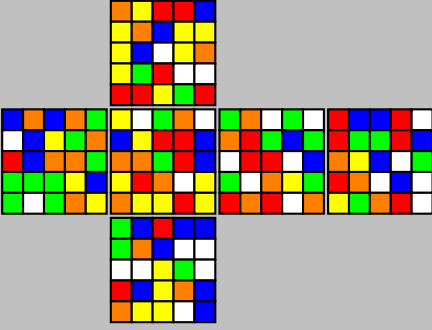
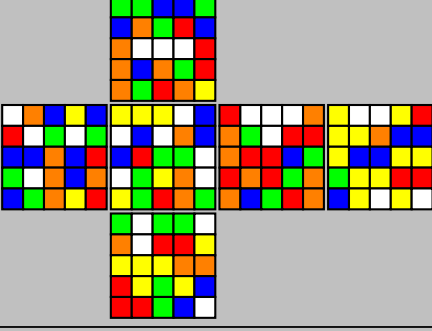
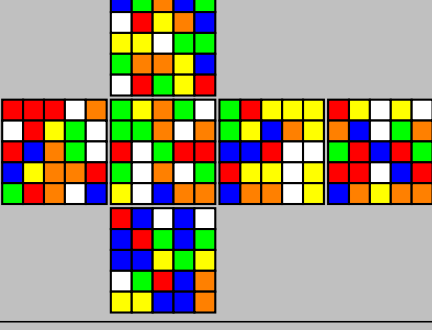
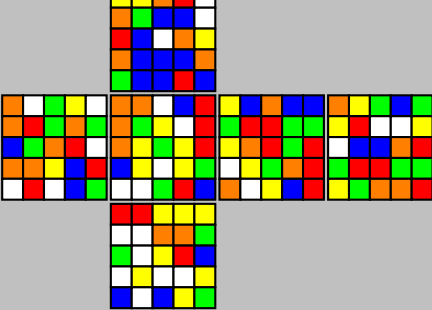


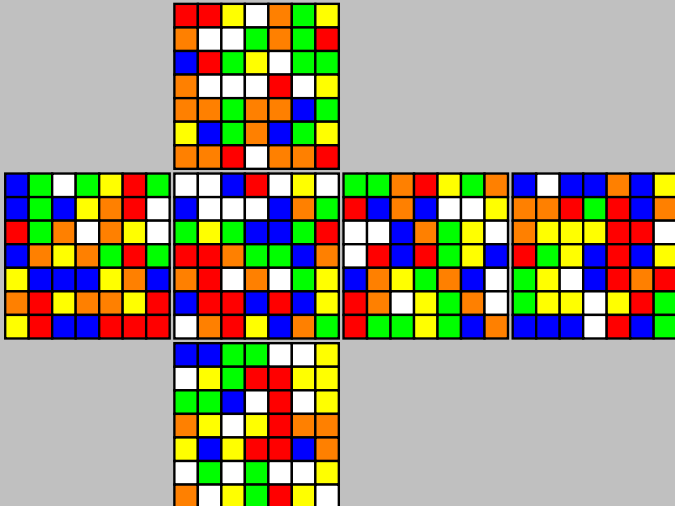
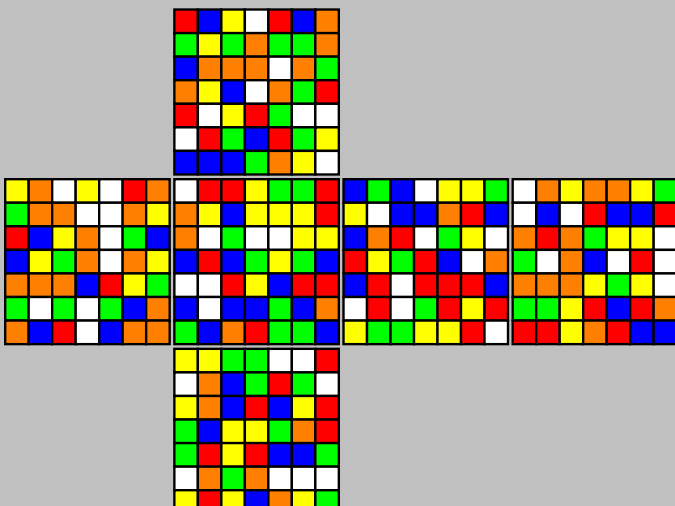
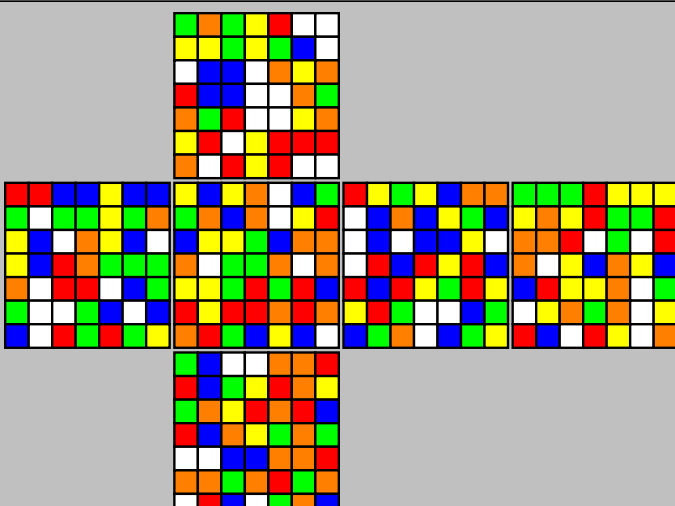
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3.	B2 D2 L B' R' F U' F2 U' B R2 F R2 F' L2 B R2 D2 R2	
4.	U2 B F2 D2 L2 R2 B2 F D' U L D' F2 U F' L' R D B'	
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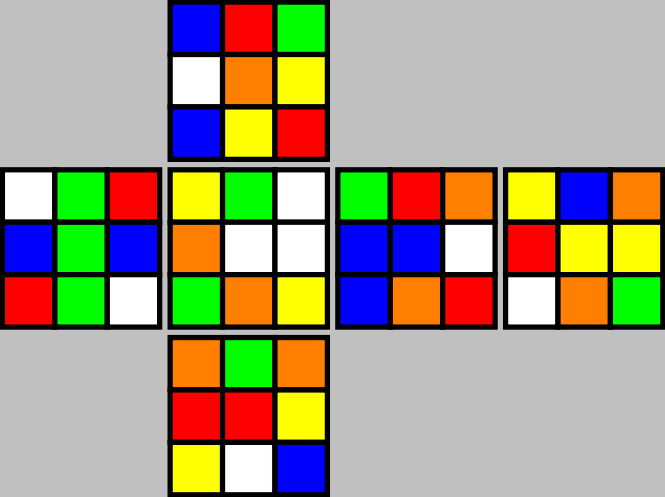
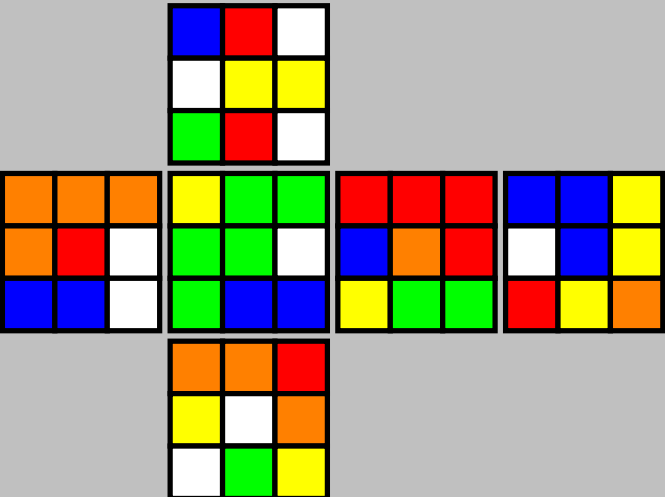
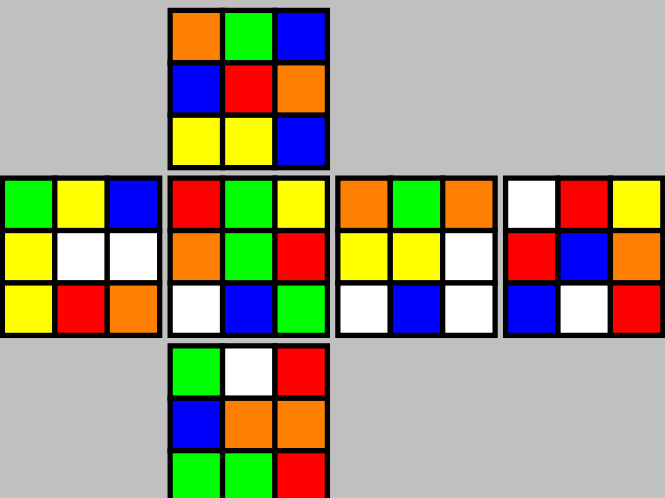
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3.	$R\ U'\ R'\ U^2\ R^2\ U'\ R^2\ F'\ U'\ R'\ U$	
4.	$R'\ U'\ R^2\ U'\ R^2\ U^2\ F\ U^2\ F\ U'\ F$	
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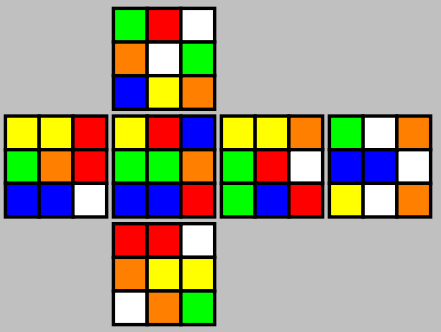
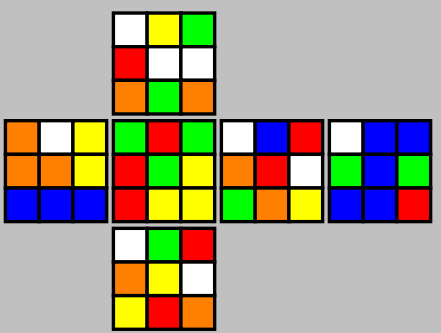
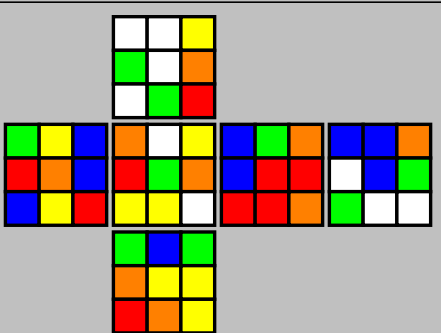
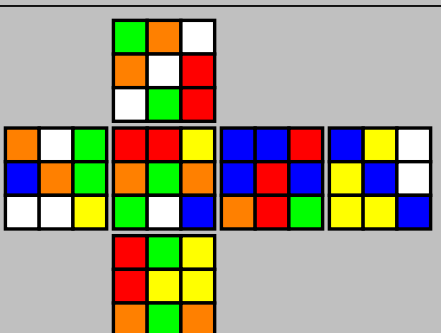
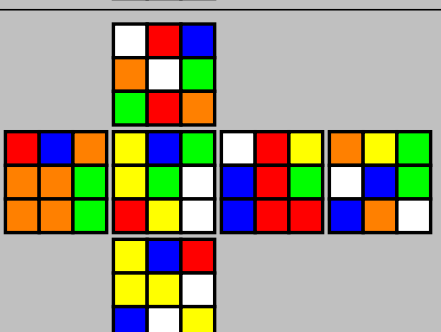
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	Uw' L2 U' B2 L'	
2.	R' F Fw' L B' U' Rw	
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	F D F2 R2 U2 Fw2 L	
	B' D' Fw D2 U F' Rw'	
	Fw D R2 B' R2 F2 R	
	Uw' D' R Rw' F	
3.	Fw' F2 R Fw2 F B' Rw	
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	U' B' Fw F2 Uw' R2 F2	
	Rw2 U2 Fw' Uw B2 Rw U	
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	R B' R2 Uw' U'	
4.	L2 Rw2 U' F2 B Fw' L2	
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	Rw D' B2 Rw Fw' F2 Uw	
	R D2 Uw2 Rw' Fw' Rw' Fw'	
	F2 U' Fw' Rw2 B' L R	
	Fw U' L F' Fw2	
5.	Rw' Uw Fw2 F Rw' F' L'	
	D2 F2 R' L2 B' Rw' Fw2	
	D U' L Fw2 D Uw L	
	F2 Uw F' R2 L D Fw2	
	Uw' F Uw2 Fw U' L' Rw2	
	D2 Rw D2 F B2	

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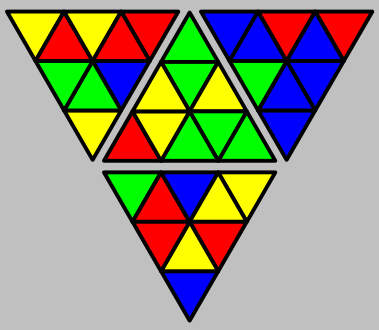
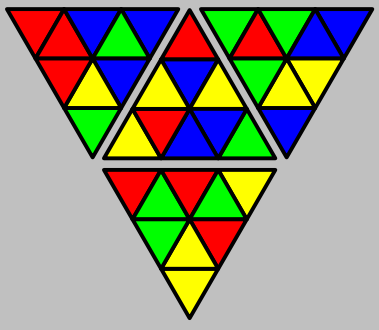
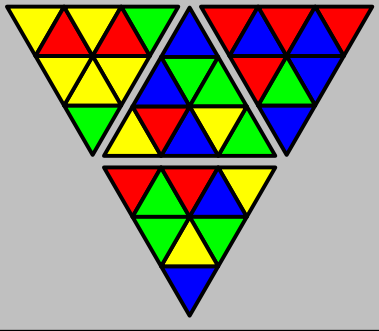
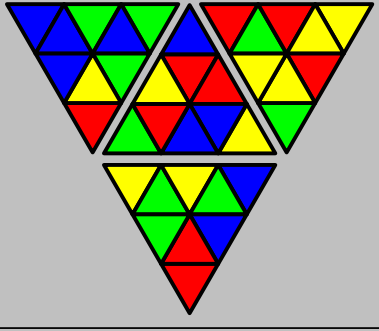
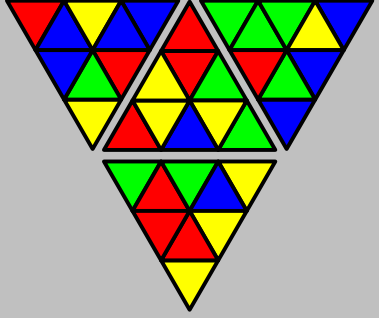
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2.	<table><tr><td>3Rw'</td><td>D</td><td>3Rw'</td><td>3Bw</td><td>B</td><td>Bw</td><td>3Dw'</td></tr><tr><td>3Rw2</td><td>Rw2</td><td>Lw'</td><td>Uw</td><td>B</td><td>Uw</td><td>R2</td></tr><tr><td>Rw2</td><td>L2</td><td>3Bw</td><td>D'</td><td>R'</td>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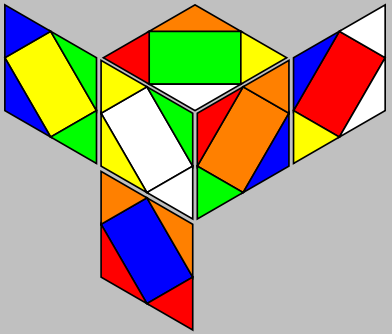
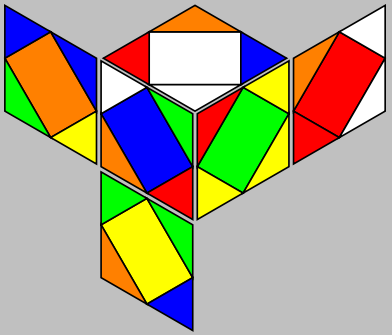
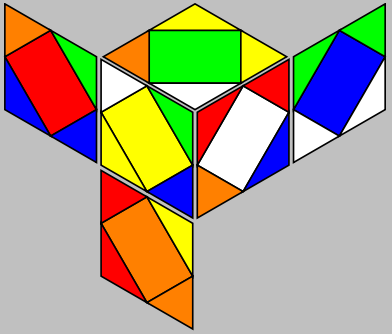
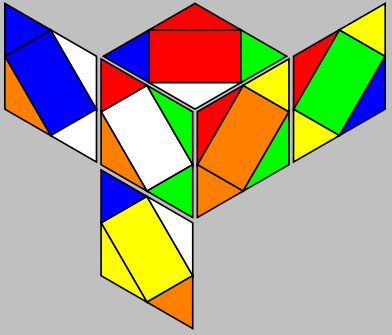
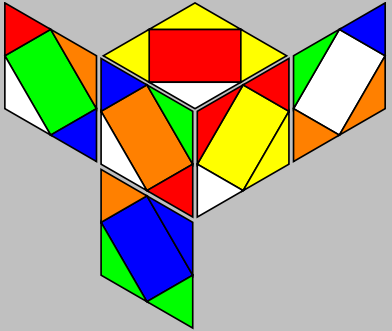
1.	<p>R2 U2 R' U2 L' F2</p> <p>L' D2 B' F' U' B'</p> <p>F2 L2 B R' D2 L2</p> <p>R Fw Uw</p>	
2.	<p>F R2 U2 F'</p> <p>D2 L2 U2 B2</p> <p>U' R' B' U2</p> <p>R B2 L2 D'</p> <p>B' F Rw2 Uw2</p>	
3.	<p>U2 F2 D2 U2</p> <p>F U2 F U2</p> <p>R2 U2 B' D'</p> <p>L D' F' D'</p> <p>B2 L2 B' L'</p> <p>U Fw'</p>	

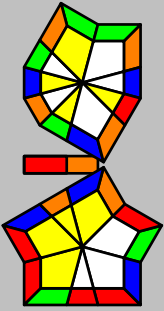
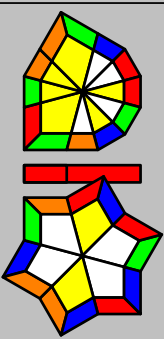
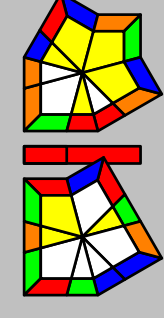
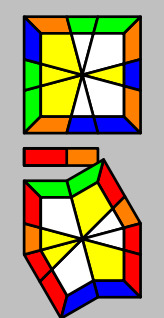
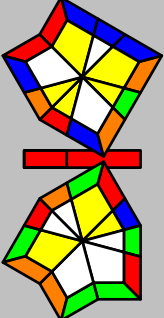
1.	<p>F D' L B' R U' F U2 R2 F' L2 U2 B2 R' U2 B2 L' D2 R D2 F2</p>	
2.	<p>B D2 U2 B D2 R2 U2 B2 L U' F2 U' L2 F D F D2 L' D</p>	
3.	<p>R' D2 L F2 R B2 U2 F2 L2 B R' D F L' D R B' U L B2</p>	
4.	<p>F2 R2 D2 U2 F2 U L2 U F' U' L F' R' D U B L' D2 F' R2</p>	
5.	<p>U' F2 L2 U L2 D R2 U B L' U' R D R' U' B2 F' L2</p>	

2019-06-22

pyram
Scrambles for 2019-06-22

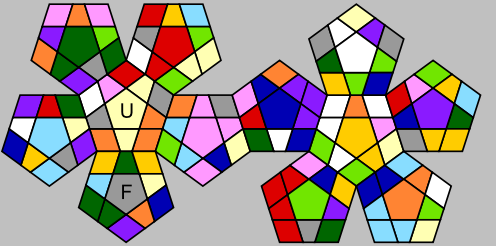
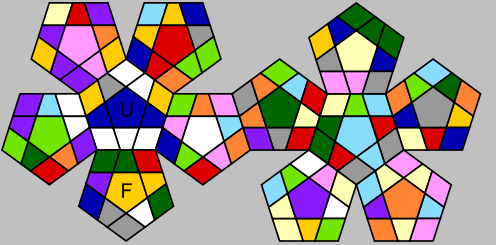
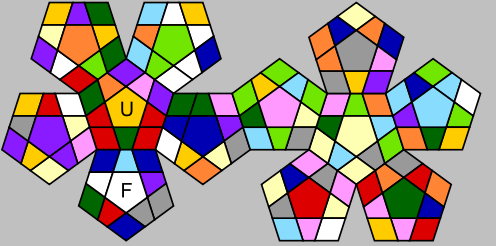
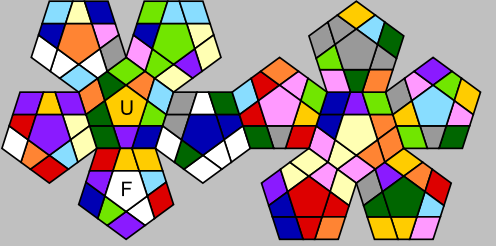
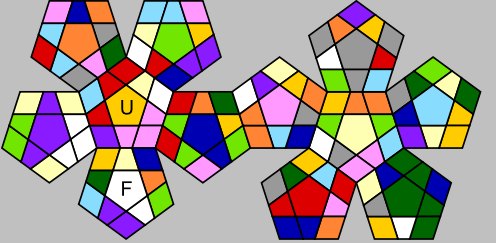
1.	B' L B' U' B U' R L U' R' B l' b'	
2.	R U L' U R' L R' B U' L B' u l r	
3.	U' B' R L' R U' L R' L U' B u l r' b'	
4.	U L' B U R L' B' U B R U' u' l' r'	
5.	B U B' L U R' B L U R' U' l' r' b'	

1.	$R\ B\ R\ B\ R'\ U\ R'\ L\ R'\ B\ U'$	
2.	$B\ U\ B'\ U'\ R'\ B\ L\ U\ R\ B'\ U'$	
3.	$R\ B\ R'\ B\ R\ B\ U'\ L\ B'\ R\ U'$	
4.	$L\ U\ R\ B\ R\ B'\ L\ R\ B\ L\ U$	
5.	$U\ L\ R'\ U'\ L'\ B'\ R\ B'\ L'\ U'\ R'$	

1.	$(3, -4) / (1, 4) / (6, -3) /$ $(0, -1) / (-3, 0) / (0, -3) /$ $(-5, -3) / (6, -4) / (0, -2) /$ $(6, -4) / (-4, -1) / (-2, 0)$	
2.	$(1, 0) / (-4, 2) / (1, -2) /$ $(0, -3) / (6, -3) / (0, -3) /$ $(0, -4) / (-3, -3) / (-1, 0) /$ $(0, -4) / (2, 0) / (4, 0) /$ $(2, -4)$	
3.	$(0, 2) / (3, -3) / (-5, 4) /$ $(3, -3) / (5, -4) / (6, -2) /$ $(-3, 0) / (-2, -3) / (4, -1) /$ $(0, -2) / (-2, 0)$	
4.	$(-5, 0) / (-1, -4) / (1, -5) /$ $(6, -3) / (5, -4) / (1, 0) /$ $(-3, 0) / (-1, -2) / (4, 0) /$ $(-2, -4) / (4, 0) / (-1, -2)$	
5.	$(-2, 0) / (0, 6) / (-3, 0) /$ $(-4, -1) / (6, -5) / (0, -3) /$ $(0, -1) / (3, -2) / (-2, 0) /$ $(3, -4) / (4, 0) / (4, 0) /$ $(6, -2)$	

2019-06-22

minx
Scrambles for 2019-06-22

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	

2019-06-22

 clock
 Scrambles for 2019-06-22

1.	UR6+ DR0+ DL3- UL4- U2- R5+ D3+ L3- ALL0+ y2 U1+ R3+ D5- L4+ ALL3- DR	
2.	UR4- DR6+ DL1+ UL3+ U0+ R4+ D0+ L1- ALL6+ y2 U5- R3- D5- L5+ ALL3+ UL	
3.	UR5+ DR4- DL1+ UL3+ U0+ R4- D5- L3+ ALL1+ y2 U4+ R5- D2- L6+ ALL2+ UR DR UL	
4.	UR2+ DR0+ DL5- UL0+ U4+ R4- D0+ L6+ ALL4+ y2 U4+ R4- D3- L0+ ALL4+ UR DL UL	
5.	UR2+ DR1+ DL6+ UL6+ U3+ R4+ D3+ L2- ALL1- y2 U1+ R3- D2- L4- ALL1- DR DL	

Fewest Moves

- > You have 60 minutes to find and write a solution.
- > Write 1 move per bar. To delete a move, clearly blacken it.
- > Your solution must not be directly derived from any part of the scrambling algorithm.
- > Your solution must be at most 80 moves, including rotations.
- > Your result will be counted in OBTM.
- > Only use notation from Article 12 of the WCA Regulations. If you are uncertain, use only the exact moves listed here:

Face Moves

Clockwise F R U B L D

Counter-clockwise F' R' U' B' L' D'

Double F2 R2 U2 B2 L2 D2

Rotations

Clockwise [f] [r] [u] [b] [l] [d]

Counter-clockwise [f'] [r'] [u'] [b'] [l'] [d']

Double [f2] [r2] [u2] [b2] [l2] [d2]

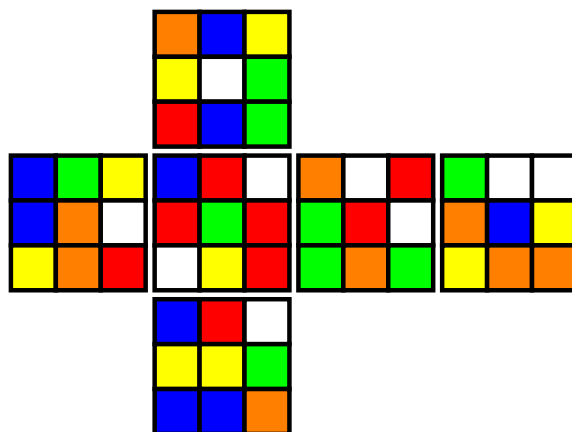
Scrambles for 2019-06-22
333fm

Competitor: _____

WCA ID: _____

DO NOT FILL IF YOU ARE THE COMPETITOR.

Graded by: _____ Result: _____



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

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Fewest Moves

- > You have 60 minutes to find and write a solution.
- > Write 1 move per bar. To delete a move, clearly blacken it.
- > Your solution must not be directly derived from any part of the scrambling algorithm.
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Face Moves

Clockwise F R U B L D

Counter-clockwise F' R' U' B' L' D'

Double F2 R2 U2 B2 L2 D2

Rotations

Clockwise [f] [r] [u] [b] [l] [d]

Counter-clockwise [f'] [r'] [u'] [b'] [l'] [d']

Double [f2] [r2] [u2] [b2] [l2] [d2]

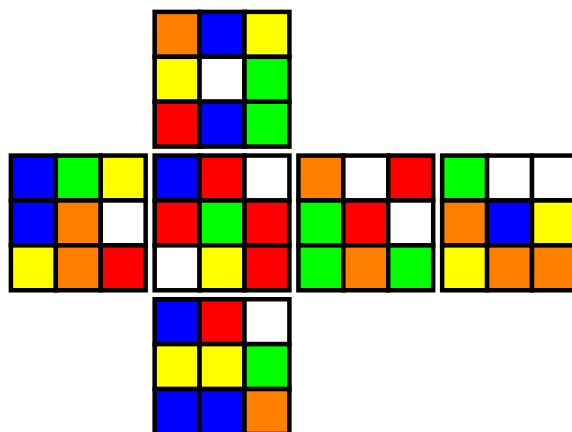
Scrambles for 2019-06-22
333fm

Competitor: _____

WCA ID: _____

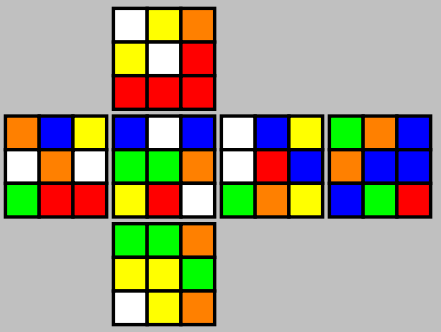
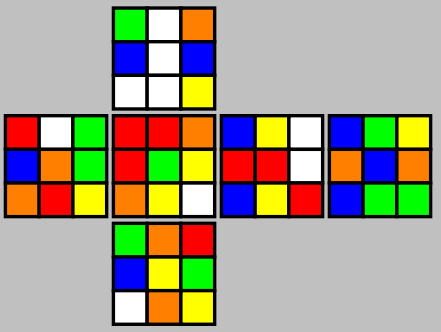
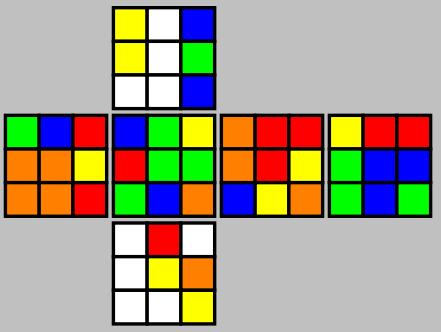
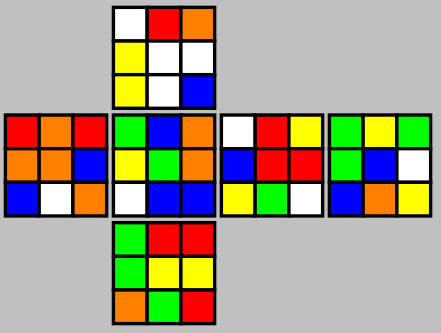
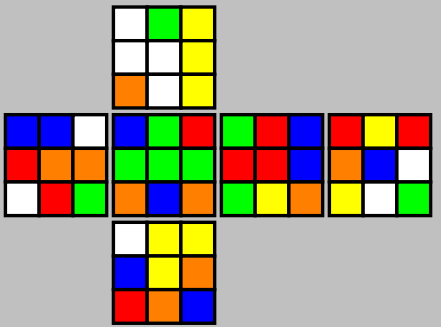
DO NOT FILL IF YOU ARE THE COMPETITOR.

Graded by: _____ Result: _____



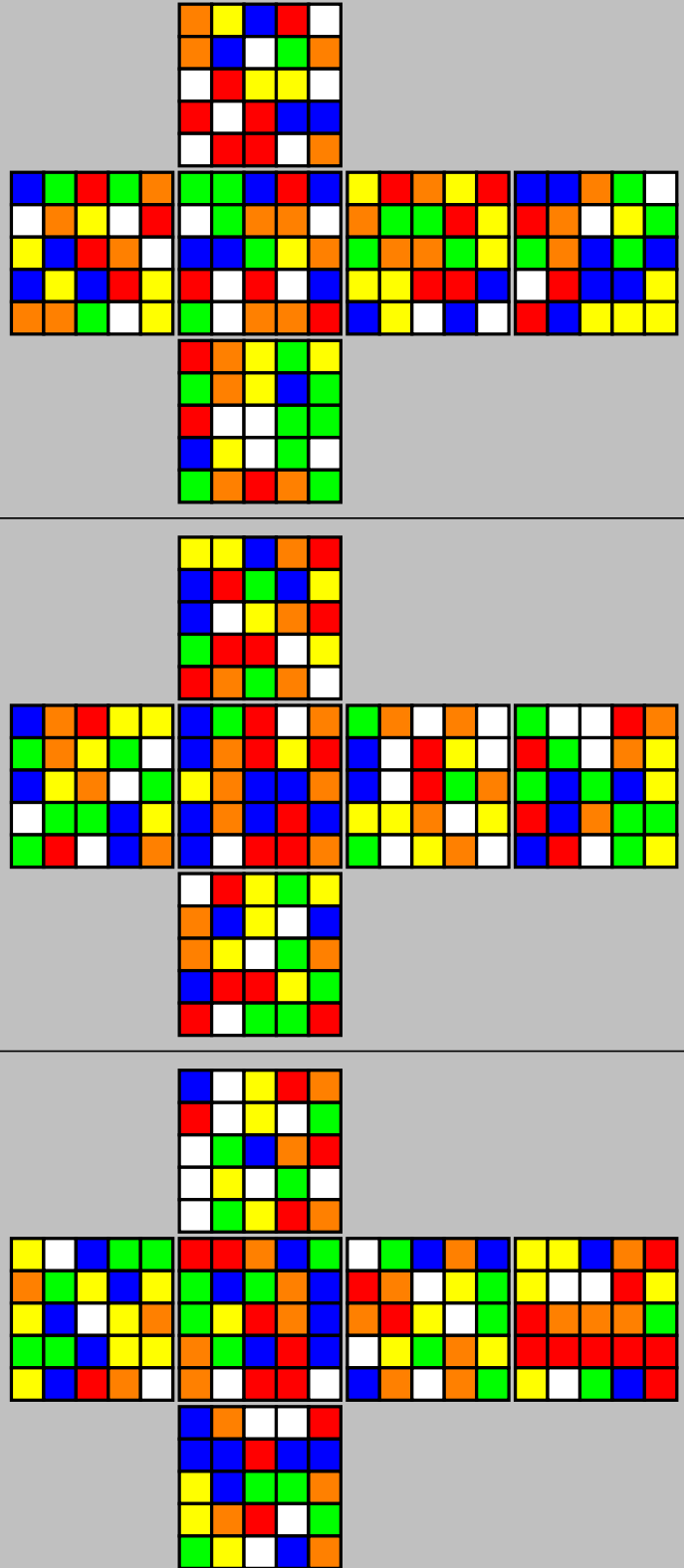
Scramble: R' U' F U2 F2 L D2 R U2 R B2 L' D' R' B R2 B2 L B2 F L2 B2 D2 R' U' F

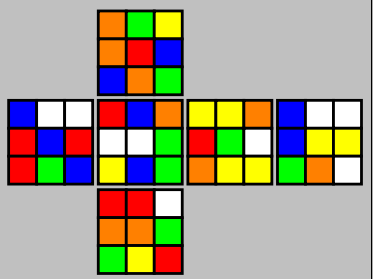
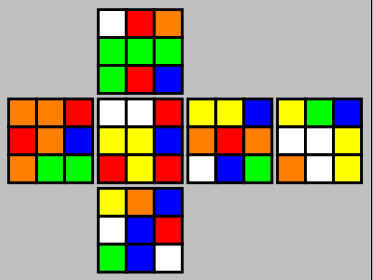
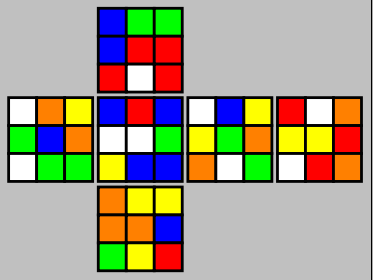
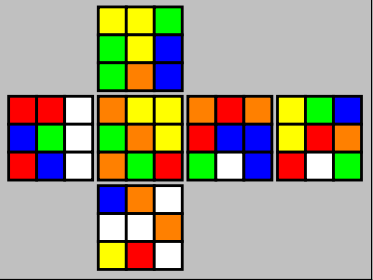
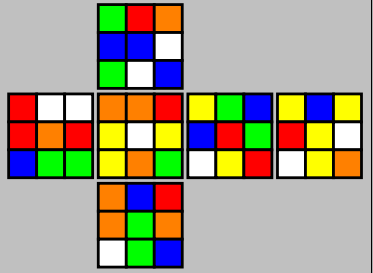
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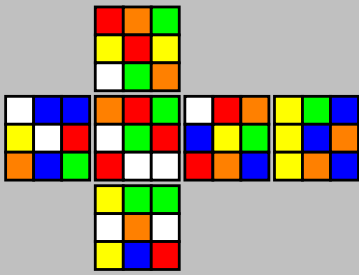
1.	<p>U D' B' U' R' D' B2 R2</p> <p>D2 L' F B2 R2 D2 B' R2</p> <p>L2 D2 F U2</p>	
2.	<p>R U R' F' B' U B' L</p> <p>B R2 L' D2 B2 R2 D2 R'</p> <p>D2 B2 R</p>	
3.	<p>D2 L2 U2 B2 F2 L D2 L</p> <p>B' F2 U2 B U2 L2 F2 U</p> <p>F' R2</p>	
4.	<p>R L' D2 L2 U2 D' L U2</p> <p>L F R B2 R' F2 L B2</p> <p>L U2 L'</p>	
5.	<p>U2 R2 F2 R2 F2 R2 U L2</p> <p>R' U' R2 F R2 U' L' D2</p> <p>R U L'</p>	

Generated by TNoodle-webscrambles-v0.14.0

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



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

6.	B2	U'	R2	D'	L2	D	U	
	B2	L2	R'	U2	F'	L	U'	
	B2	U	L2	B'	D	R	Fw'	