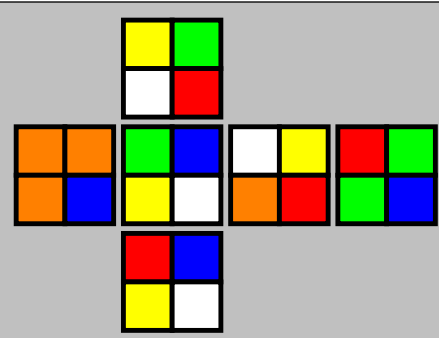
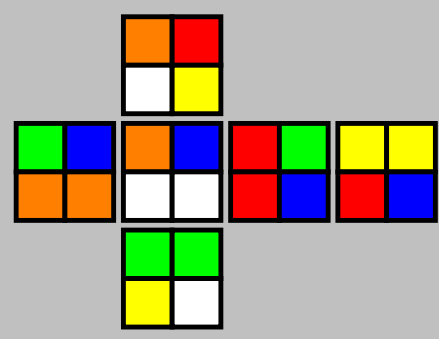
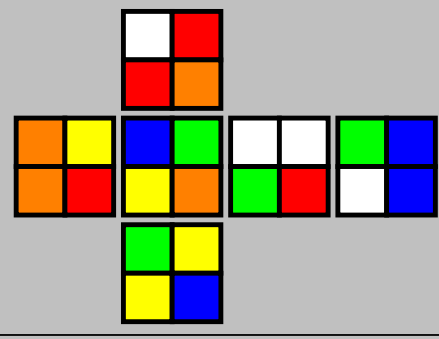
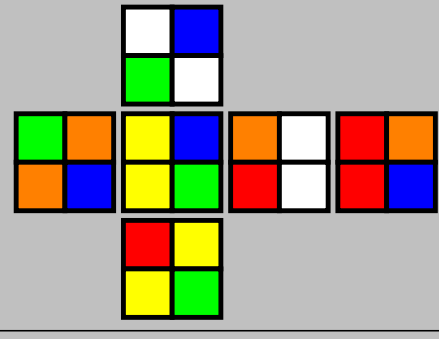
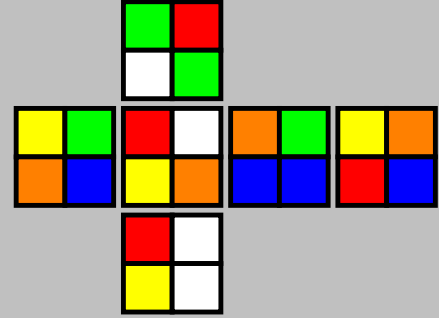
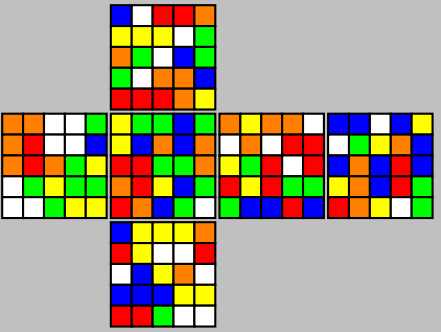
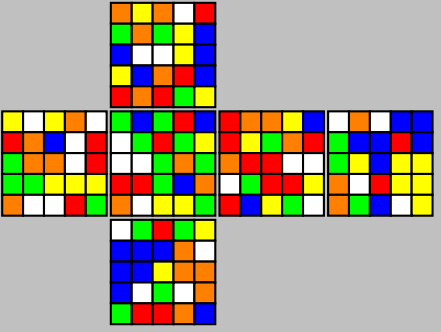
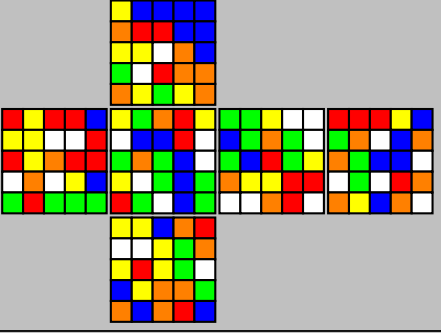
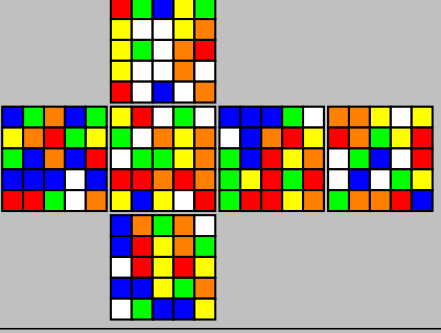
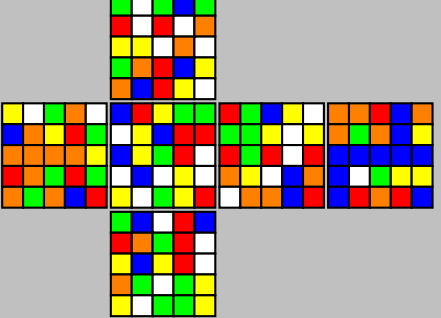


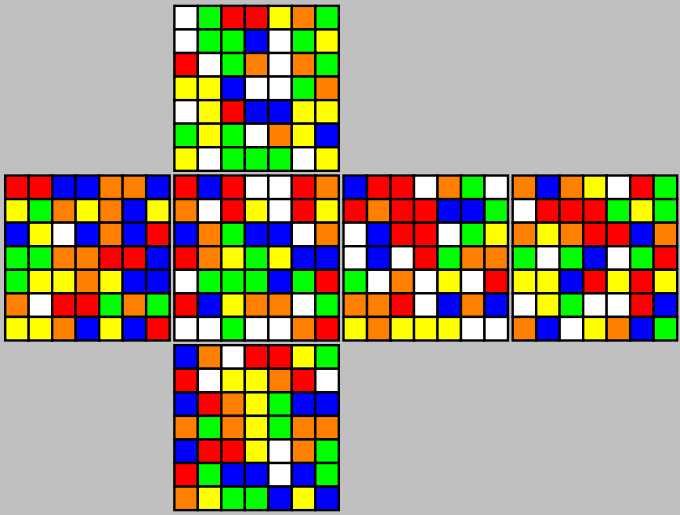
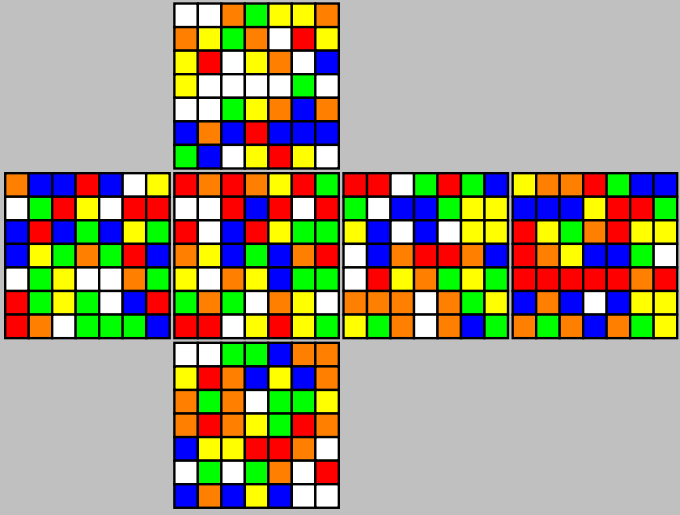
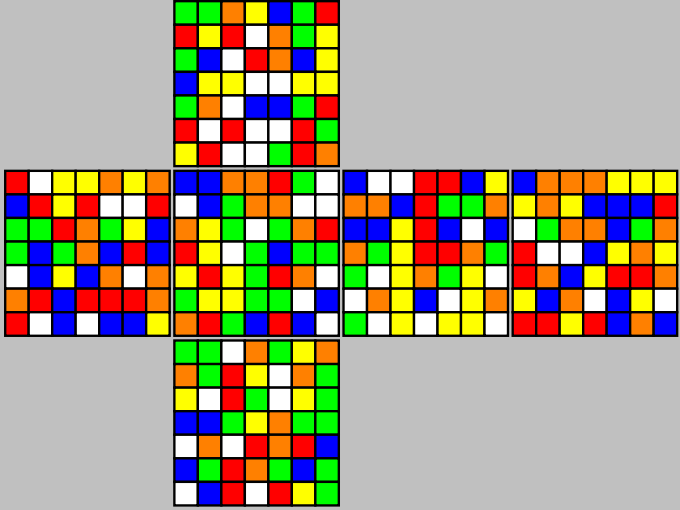
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2.	<p>F2 D' L2 D' R2 B2 L2 D'</p> <p>L2 U2 L' D' F2 U' R B'</p> <p>D2 U F' D'</p>	
3.	<p>R U2 L' D2 U2 B2 L F2</p> <p>L' U' R U' B L' B' D'</p> <p>U2 B' L2</p>	
4.	<p>F2 U2 L D2 L' D2 R2 B2</p> <p>D' F' R F D2 R U2 F'</p> <p>D' L' R2</p>	
5.	<p>L'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

1.	$R^2 U' F U' R^2 U R' F U' F R$	
2.	$U' R F' R^2 F^2 U' R^2 U' R^2 U F'$	
3.	$U R F' U^2 R^2 U' F^2 R^2 F' U^2 R'$	
4.	$R' F^2 R U R' F U' F U' F' R$	
5.	$U R' F' U' R^2 U' F' R' U R' U^2$	

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

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

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

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

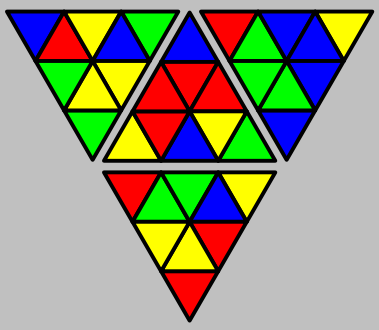
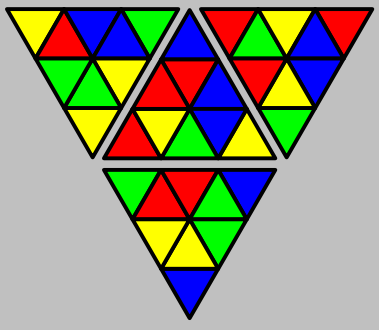
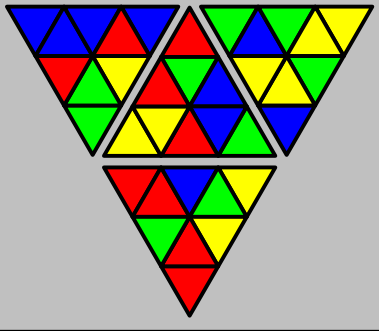
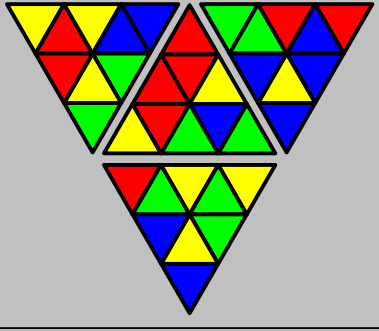
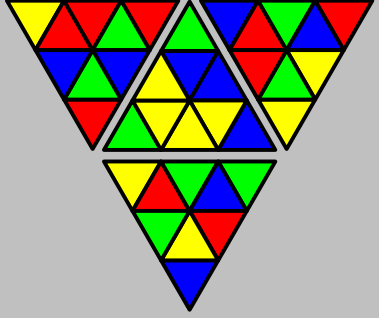
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2.	<div> <div>D</div> <div>U2</div> <div>R2</div> <div>B2</div> </div> <div> <div>D'</div> <div>L2</div> <div>F2</div> <div>L</div> </div> <div> <div>B</div> <div>F2</div> <div>D2</div> <div>L'</div> </div> <div> <div>U'</div> <div>F</div> <div>R2</div> <div>U'</div> </div> <div> <div>R'</div> <div>F'</div> <div>Rw</div> <div>Uw2</div> </div>	
3.	<div> <div>F2</div> <div>D</div> <div>L2</div> <div>U2</div> <div>F2</div> <div>U</div> </div> <div> <div>L'</div> <div>R2</div> <div>U'</div> <div>F2</div> <div>U'</div> <div>R'</div> </div> <div> <div>D2</div> <div>F'</div> <div>L</div> <div>D'</div> <div>F</div> <div>R'</div> </div> <div> <div>Uw</div> </div>	

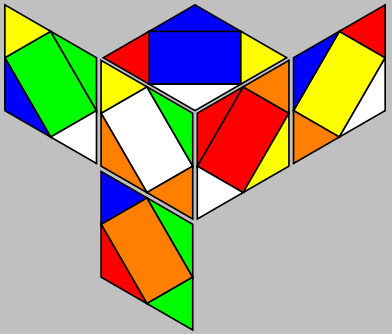
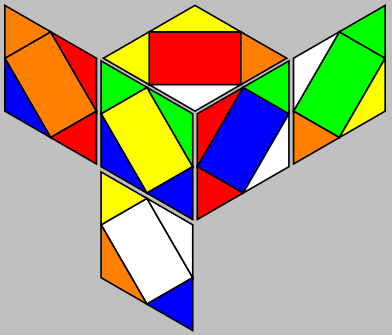
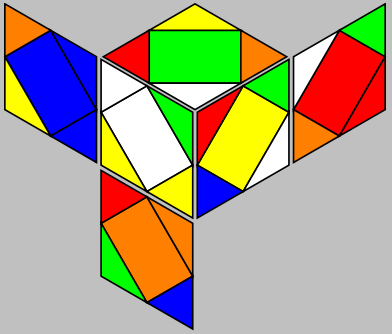
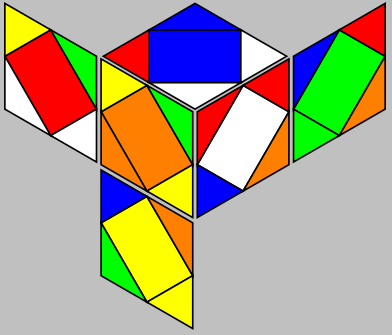
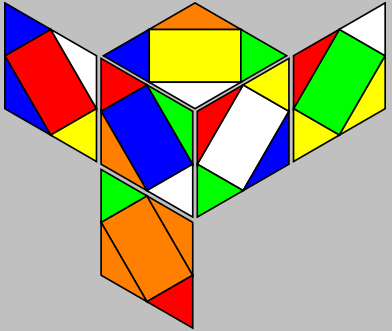
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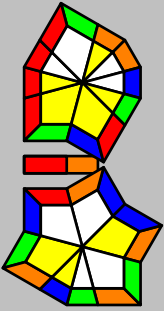
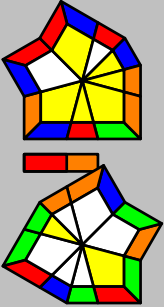
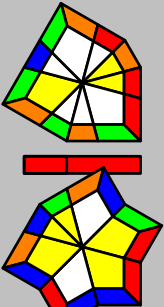
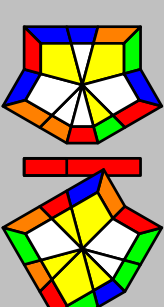
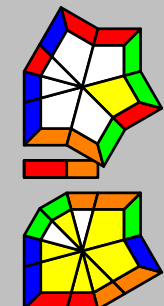


2019-06-13

pyram  
Scrambles for 2019-06-13

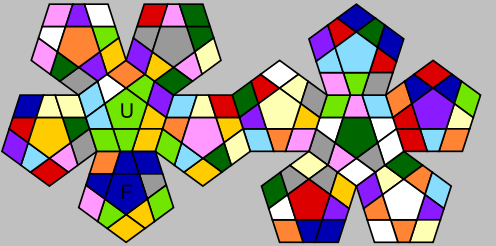
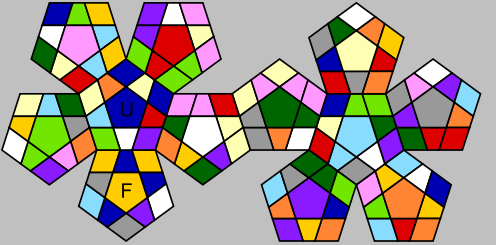
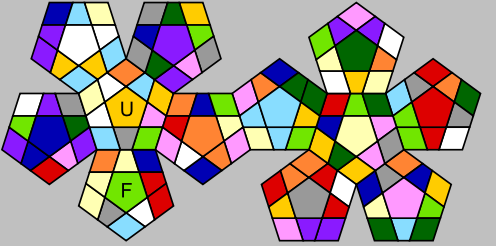
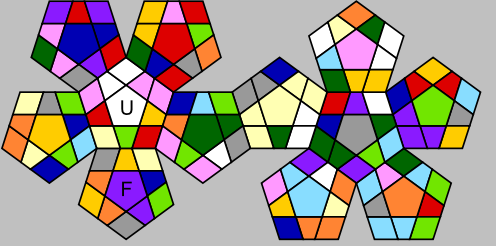
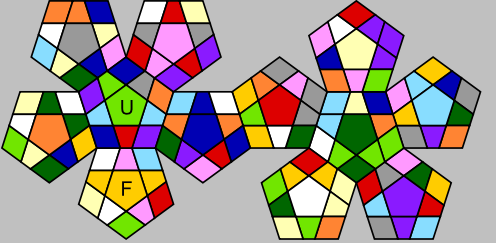
1.	$R' B R' B U' B' L U B U' B u' l r' b$	
2.	$L' R B L U' R' L B L R' B u' l' r' b'$	
3.	$U L' B R U' L' B L' B' L' R u' r$	
4.	$R' L B R' L' R U' R' B' R L l r b'$	
5.	$R B R' L U' L U R' U B' R' u' l r b'$	

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

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

2019-06-13

minx  
Scrambles for 2019-06-13

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'	

2019-06-13

 clock  
 Scrambles for 2019-06-13

1.	UR4-    DR3+    DL5+    UL5+ U3-    R4+    D2-    L4+ ALL0+ y2    U2+    R4+ D2-    L3+    ALL3+    DR	
2.	UR6+    DR1-    DL6+    UL2- U3+    R0+    D1+    L2- ALL0+ y2    U5-    R0+ D4-    L5-    ALL2-    DR DL	
3.	UR1-    DR2+    DL1-    UL5+ U5+    R3-    D2+    L6+ ALL5+ y2    U1+    R0+ D1-    L3+    ALL5+    UR DR    DL    UL	
4.	UR2-    DR3-    DL4+    UL5+ U6+    R5-    D4-    L3+ ALL2- y2    U6+    R5+ D2+    L3+    ALL0+    DR UL	
5.	UR6+    DR4+    DL1-    UL5- U4-    R1+    D4-    L2- ALL5+ y2    U4-    R1- D4-    L5+    ALL3-    DR DL    UL	

## 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]

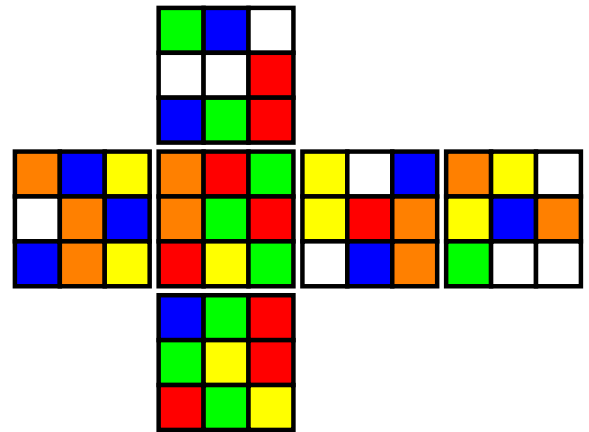
Scrambles for 2019-06-13  
333fm

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

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

DO NOT FILL IF YOU ARE THE COMPETITOR.

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



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

[illegible]

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Counter-clockwise	[f']	[r']	[u']	[b']	[l']	[d']
Double	[f2]	[r2]	[u2]	[b2]	[l2]	[d2]

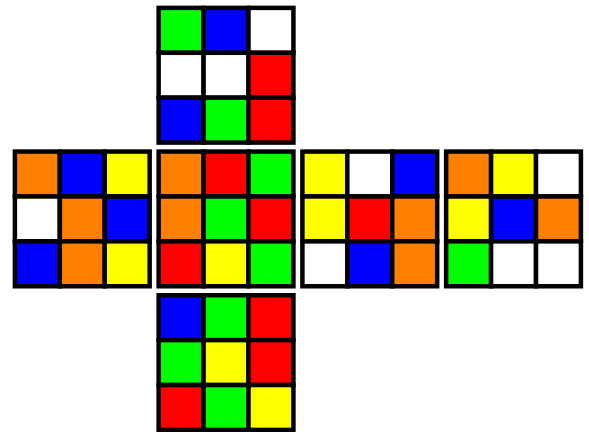
Scrambles for 2019-06-13  
333fm

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

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

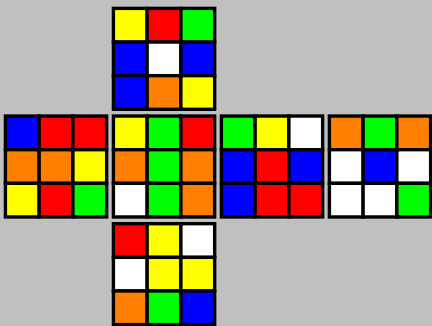
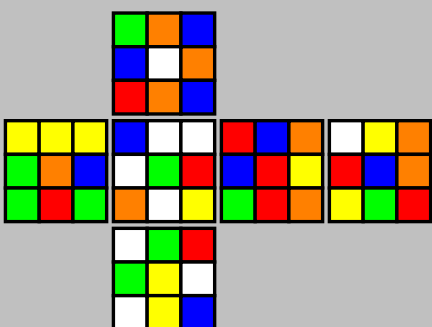
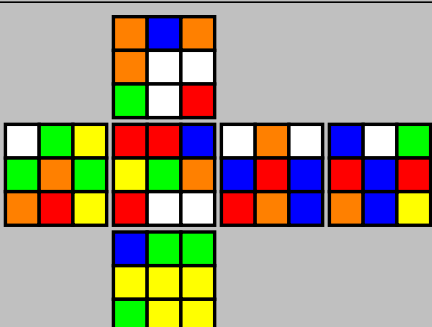
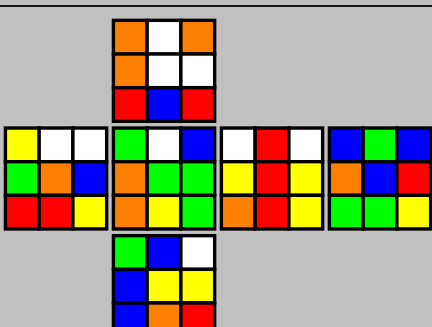
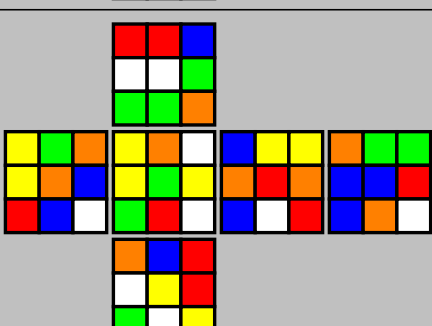
DO NOT FILL IF YOU ARE THE COMPETITOR.

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

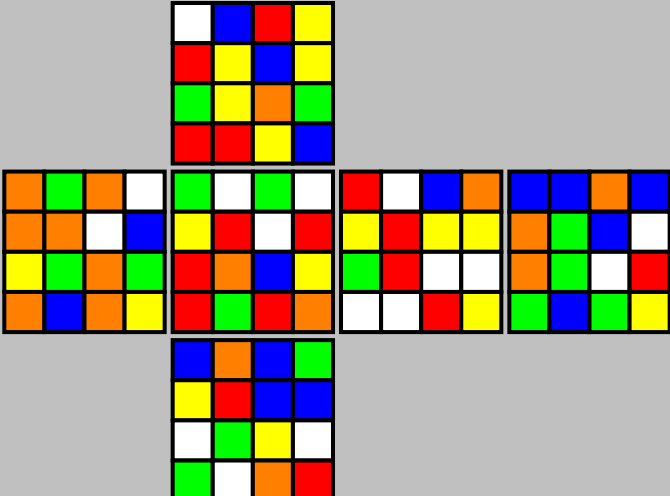
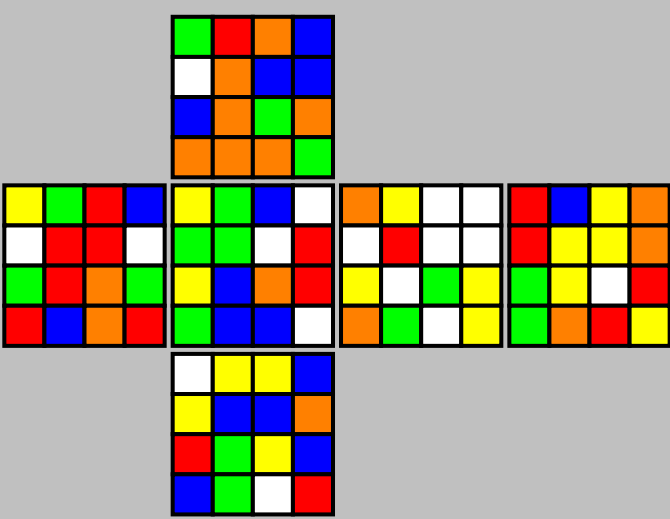
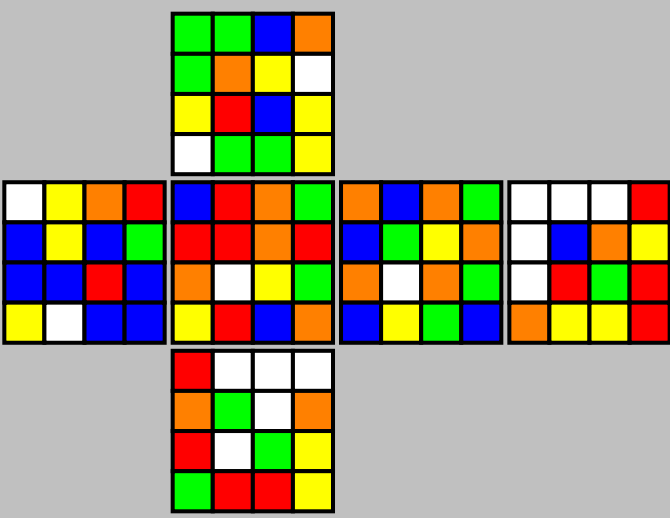


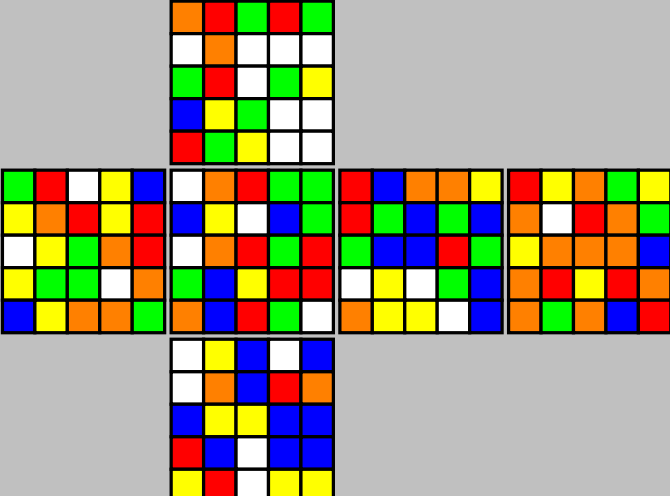
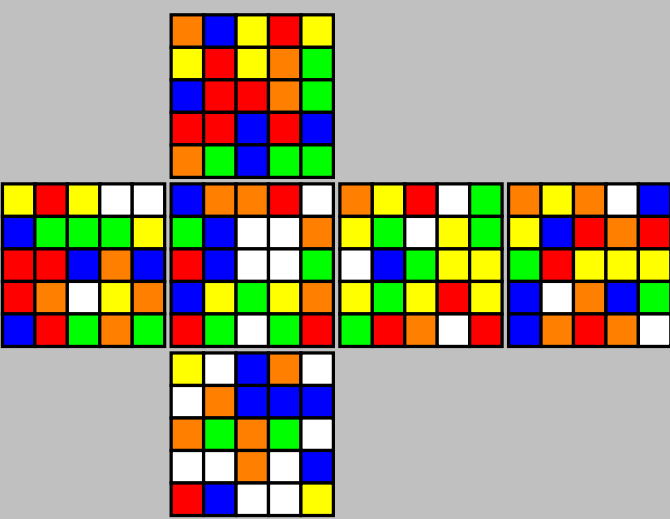
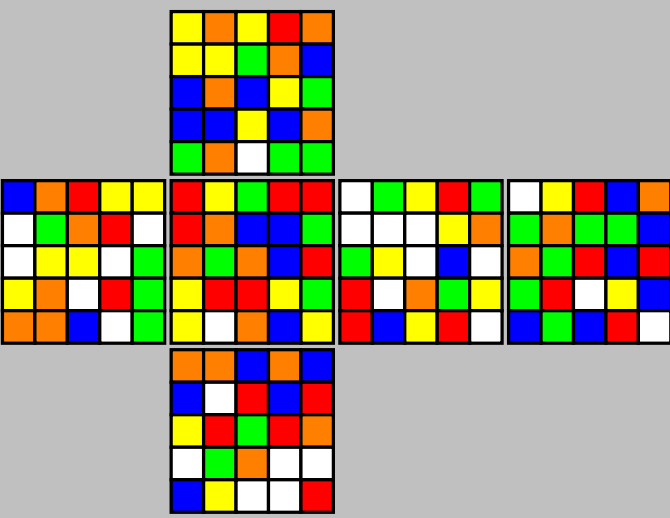
Scramble: R' U' F R2 B R2 B' D2 L2 R2 F' U2 R' B' R U2 B2 D2 R2 B2 U' L F' R' U' F

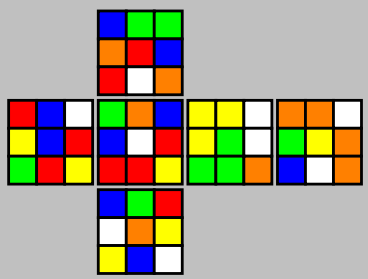
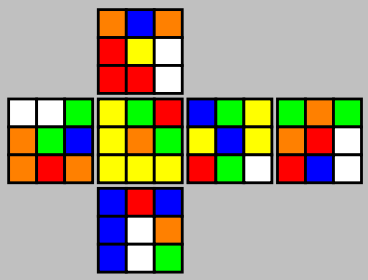
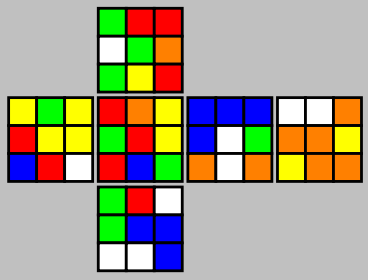
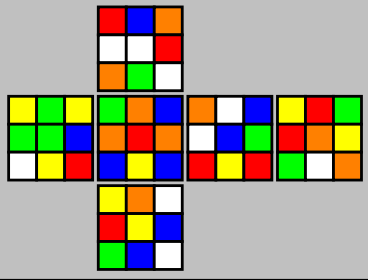
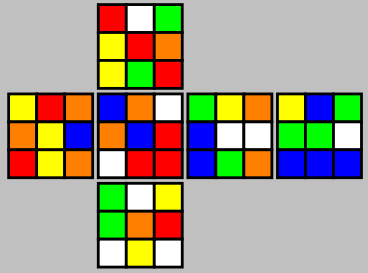
This image shows a full page of blank graph paper. The grid consists of thin, light gray horizontal and vertical lines that intersect to form small squares across the entire page. There are no margins, text, or other markings present.

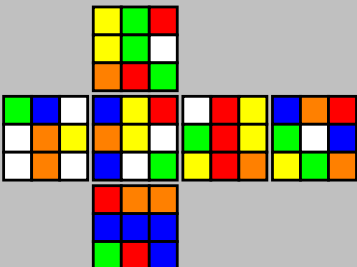
1.	$D'$ $B^2$ $U$ $B^2$ $F^2$ $U'$ $R^2$ $D'$ $B^2$ $R'$ $B^2$ $R'$ $D$ $F$ $R'$ $D^2$ $U^2$ $F'$ $D'$ $R$	
2.	$B^2$ $U'$ $L^2$ $U'$ $R^2$ $U$ $L^2$ $D^2$ $L$ $F'$ $R$ $U$ $B'$ $F'$ $D^2$ $R^2$ $U'$ $B$ $U'$	
3.	$F'$ $D'$ $B'$ $U$ $R'$ $U'$ $B'$ $L'$ $U$ $D$ $L'$ $B^2$ $D^2$ $L^2$ $F^2$ $R^2$ $F^2$ $B$ $L^2$	
4.	$R^2$ $U^2$ $L$ $D^2$ $L$ $R'$ $D^2$ $B^2$ $D^2$ $U$ $R'$ $U^2$ $F^2$ $R$ $D^2$ $B$ $U$ $F'$ $U$	
5.	$R^2$ $F^2$ $U$ $L^2$ $B^2$ $D$ $U$ $L^2$ $R$ $U$ $R'$ $F'$ $D'$ $R$ $D^2$ $F$ $D$ $B^2$ $L^2$	



1.	<div>D' U2 R U' B</div> <div>U' R' L2 F D</div> <div>F2 U2 R F2 D2</div> <div>R F2 D2 Uw2 Fw2</div> <div>Uw2 B' Rw2 U2 F</div> <div>L' R2 U2 F R2</div> <div>Uw' B Uw2 Fw2 R2</div> <div>U Fw' Rw Fw R2</div> <div>Fw U2 L x2</div>	
2.	<div>B2 D' R D' R2</div> <div>F' U' B2 D' B</div> <div>L B2 L2 F' U2</div> <div>F R2 F L2 B2</div> <div>Fw2 U R L B2</div> <div>L Uw2 Rw2 D2 L'</div> <div>Uw2 Fw2 U2 Fw' D</div> <div>Rw2 R' U2 F2 Uw'</div> <div>Rw' Uw' R Uw2 Fw'</div> <div>x y'</div>	
3.	<div>R2 B L2 R U2</div> <div>B' F U L B</div> <div>R2 B' L2 F2 U2</div> <div>F' L2 B' R2 Fw2</div> <div>D B' Uw2 U2 B'</div> <div>Rw2 R2 Fw2 B2 U'</div> <div>Rw U2 F2 L' B'</div> <div>R' D2 Fw' L' Uw2</div> <div>Rw' B U' Fw' x2</div> <div>y'</div>	

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

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

6.	<div>R2 B2 U2 L2 U2 R' D2 R2 B2</div> <div>U' L' D' B' D U2 L2 B' D2</div> <div>B' U' Rw</div>	
----	------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------