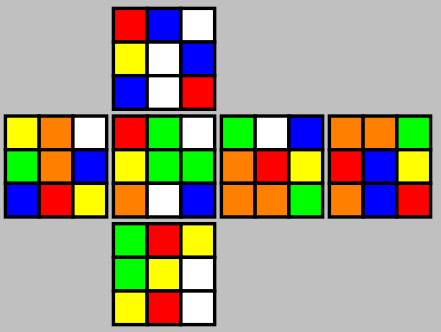
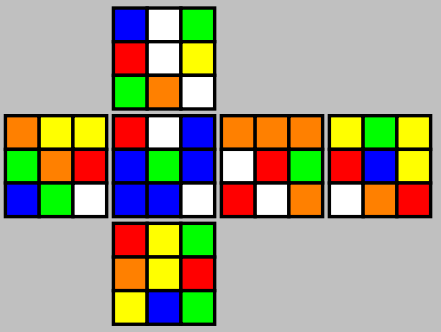
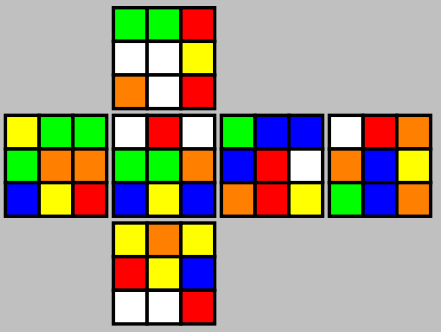
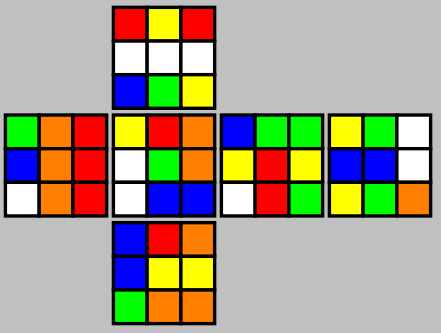
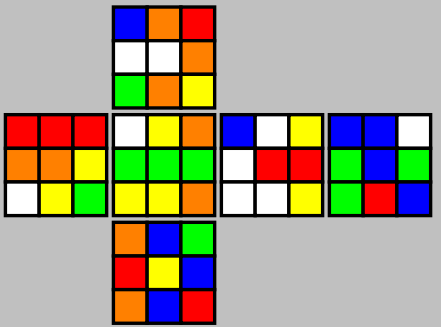
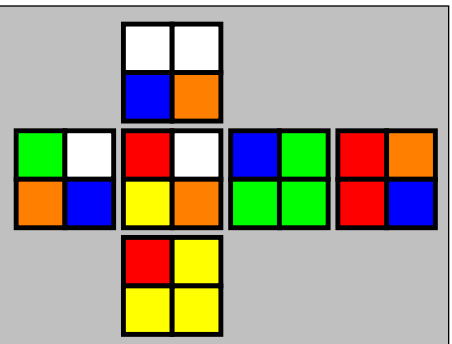
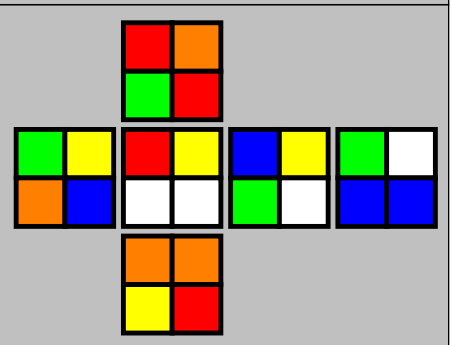
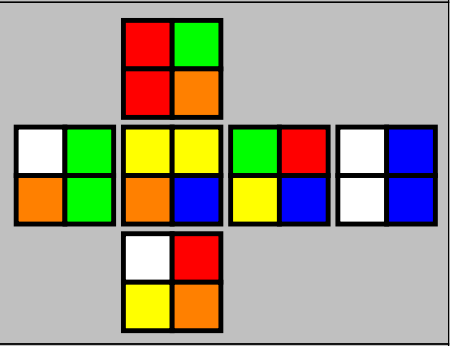
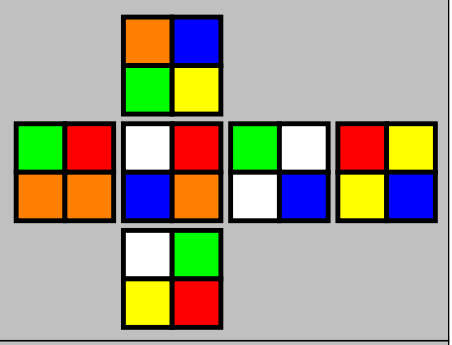
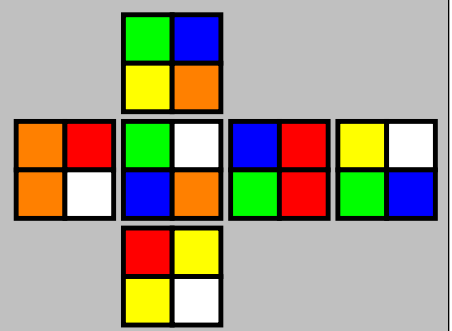
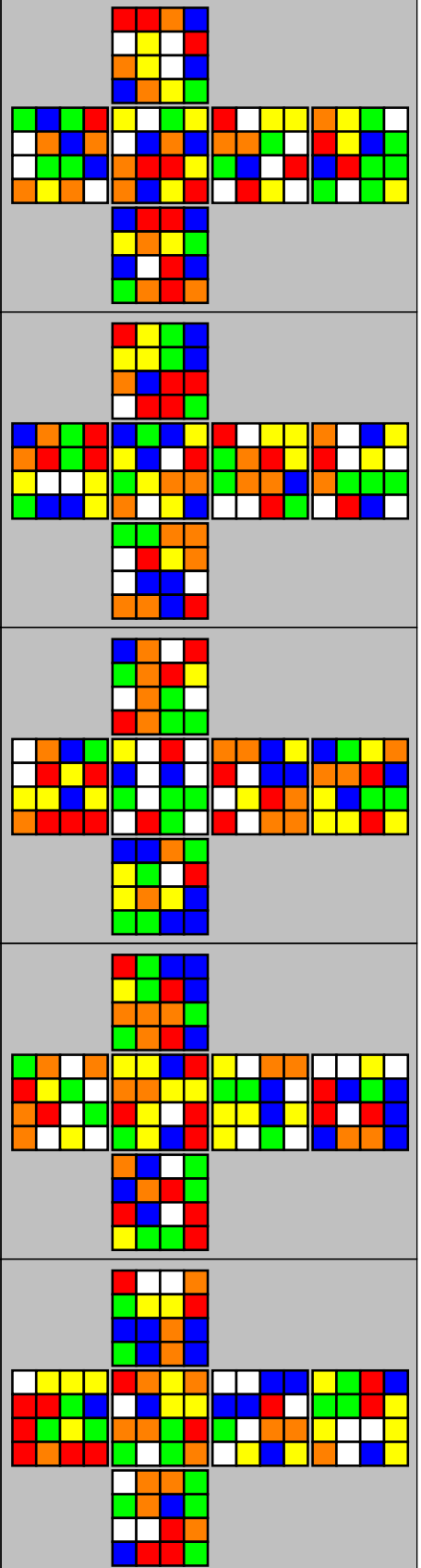
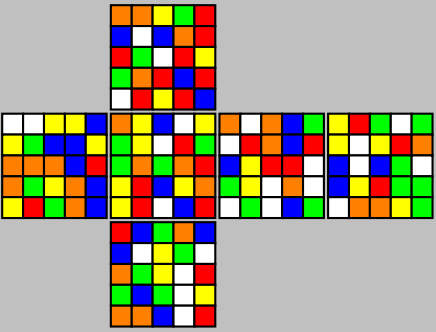
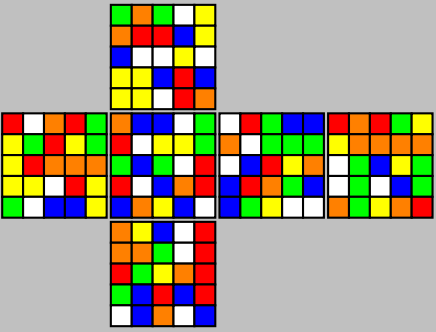
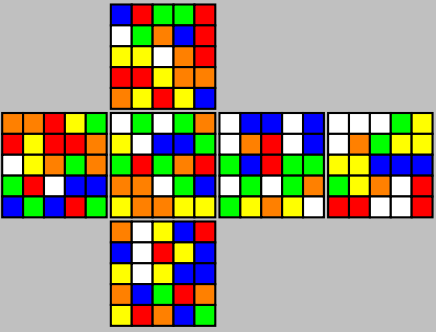
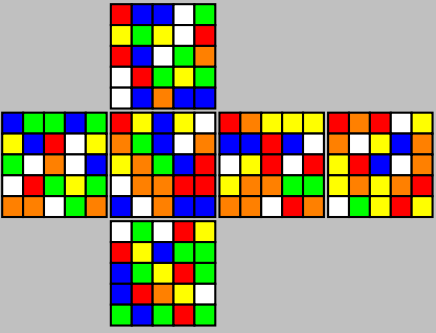
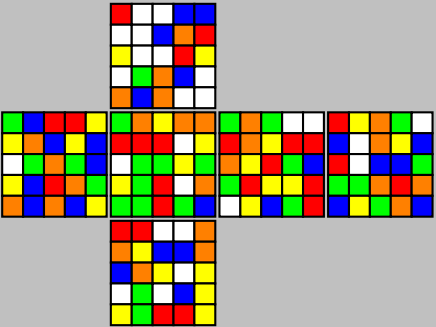


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2.	L' B2 L' U2 R' U2 F2 D2 F2 R' B' R2 D B2 D2 B L D' F	
3.	D L' D R2 L' D' R L2 U B' D2 R2 U' R2 D' R2 U B2 D	
4.	D R L' U' R L' B2 U D2 L B D2 L2 F' D2 F2 R2 B	
5.	D2 B2 L' B R F' R' D R2 L2 B2 R' U2 F2 B2 L D2 F2 D2	

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

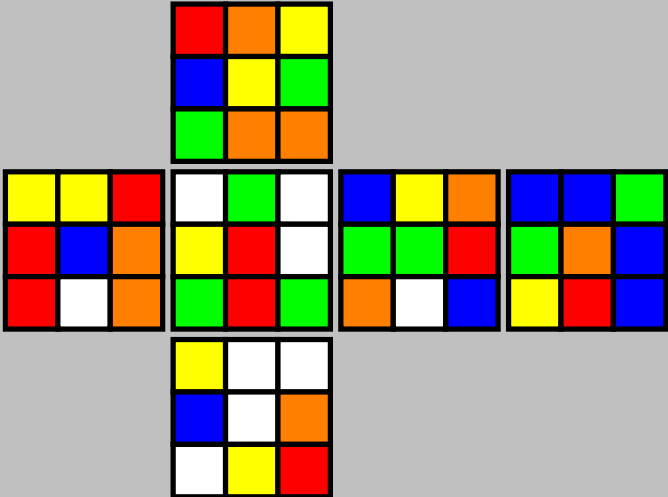
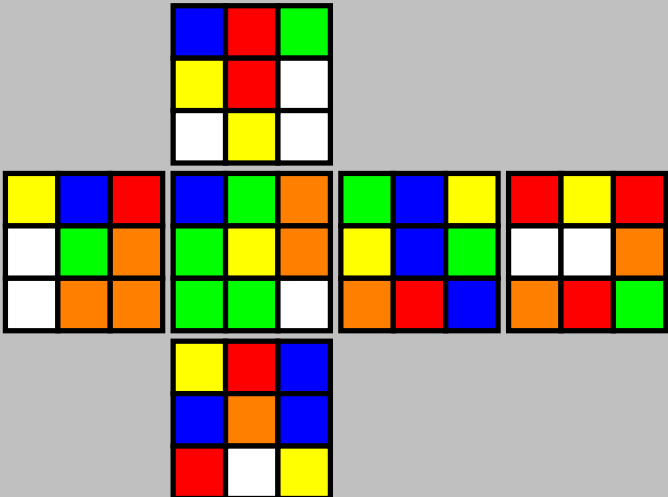
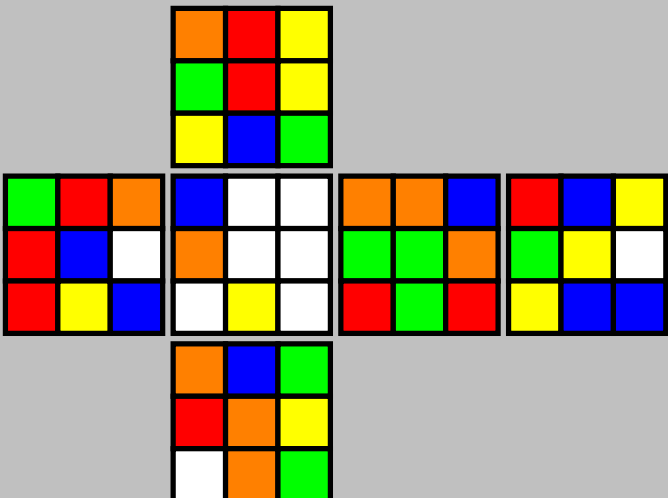
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	U	F'	B	L	Uw	F'	D2
	Fw2	Uw2	Fw'	Rw2	D'	F	Fw2
	D2	Uw	R	F'	L2		
2.	U2	R	F	Fw'	B'	D	Fw
	U	Fw	U'	Uw'	Rw'	D'	Uw
	R	Rw'	Fw'	Uw'	L	Rw	D2
	U2	Fw'	B'	F	R'	Rw	D'
	Rw'	R	Uw2	F2	D'	U'	Rw
	R	D2	F2	Fw'	D		
3.	Uw	D	R	Fw	Uw	B	Fw'
	Rw2	Uw'	F	R	B2	L2	F'
	Rw2	L	R	F2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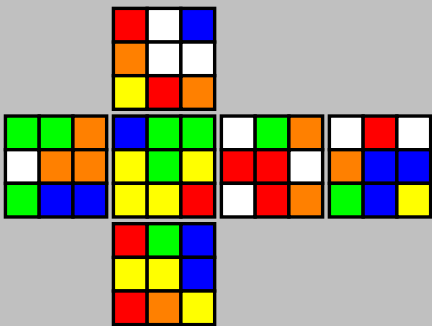
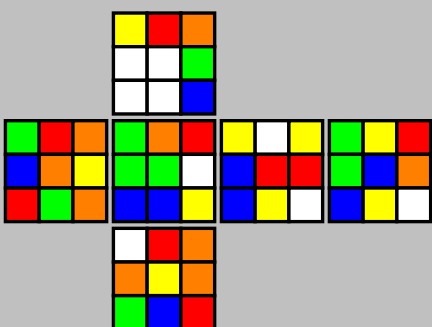
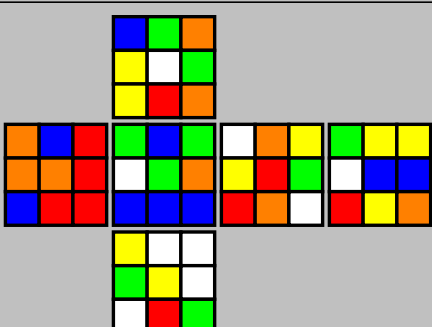
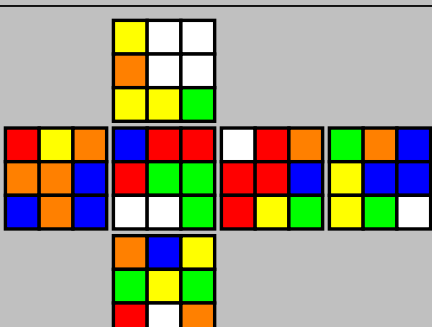
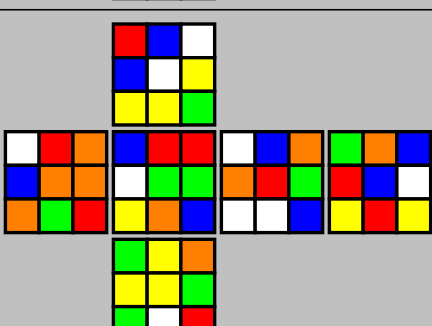


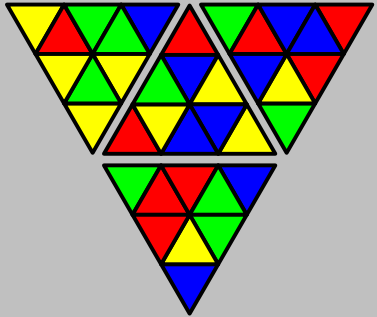
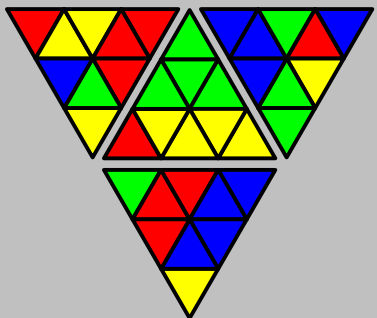
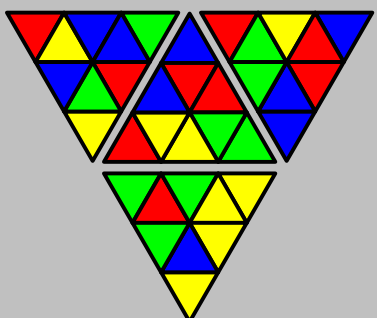
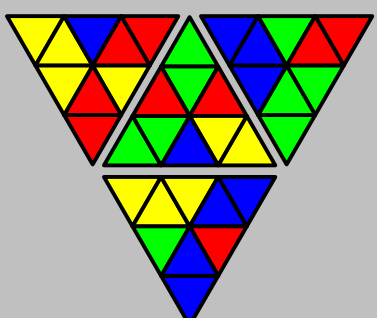
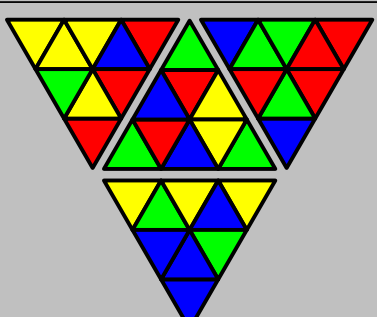
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2.	U Bw' R B2 R' L' Dw Bw' Rw' Lw' Bw2 Rw2 Lw2 R D Dw B Fw2 U' Fw2 U R' Lw2 U' Lw' Bw' Fw' F Uw' F2 Bw2 Uw2 Lw D B2 U Fw' B F Uw Lw2 D F R' Lw2 Dw2 D2 L' D Lw2 R Uw Dw2 B' Lw U2 Lw' U' L' Dw'	
3.	L R' B' R' F' Fw2 L2 F' Bw B2 D U Lw' Rw U' R' Dw' R2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

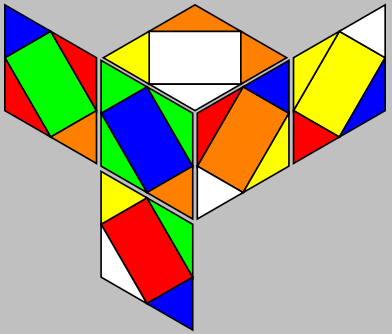
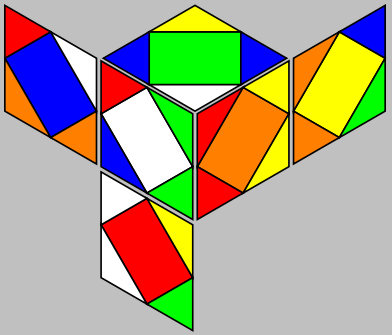
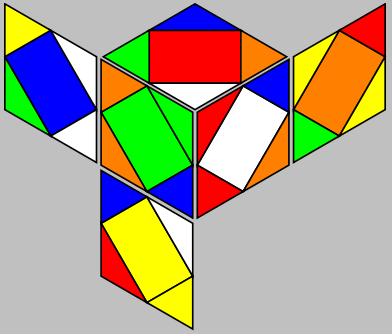
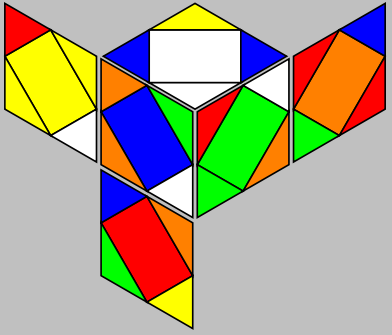
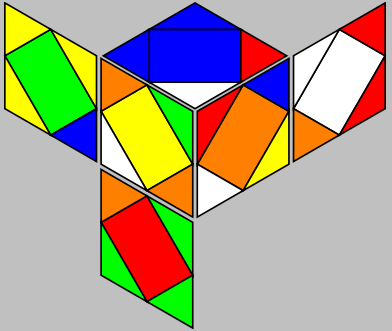
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	Rw	Uw'	Fw'	R'	Bw2	R'
	3Uw2	Uw	U2	Dw2	L'	3Rw
	Rw'	Lw	U2	Fw	3Fw2	3Rw
	Bw2	F2	3Fw	Uw	R	Lw'
	Fw2	3Rw	Fw'	U	Dw	3Rw'
	Rw	Fw'	3Fw'	U'	R	D2
	3Fw'	Lw	R'	Bw'	Rw	Lw2
	Fw2	Dw2	Uw	B	Dw	3Fw'
	Fw2	L2	F'	Bw'	D'	3Fw'
	Bw	D	L'	Rw'	3Fw	U
	Uw	B				
2.	L2	U	F	Rw'	Uw2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

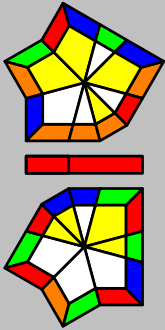
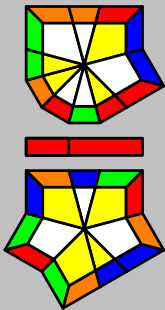
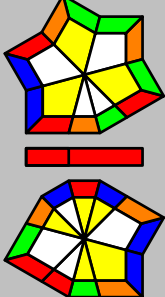
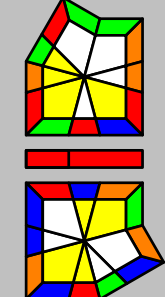
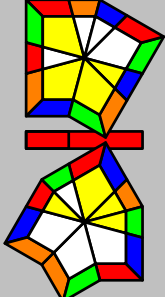
1.	<div> <div>Fw'</div> <div>Rw2</div> <div>Dw2</div> <div>Lw'</div> <div>3Uw2</div> <div>B2</div> <div>3Fw2</div> </div> <div> <div>Dw</div> <div>Uw2</div> <div>3Rw'</div> <div>Rw2</div> <div>D'</div> <div>3Uw'</div> <div>Lw'</div> </div> <div> <div>Dw'</div> <div>Lw</div> <div>3Lw'</div> <div>D</div>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

1.	<table><tr><td>B</td><td>U2</td><td>B</td><td>U2</td></tr><tr><td>L2</td><td>R2</td><td>B'</td><td>L2</td></tr><tr><td>F</td><td>R2</td><td>B</td><td>D'</td></tr><tr><td>B</td><td>F2</td><td>L</td><td>F</td></tr><tr><td>L2</td><td>D'</td><td>U'</td><td>L'</td></tr><tr><td>F'</td><td>Rw2</td><td>Uw</td><td></td></tr></table>	B	U2	B	U2	L2	R2	B'	L2	F	R2	B	D'	B	F2	L	F	L2	D'	U'	L'	F'	Rw2	Uw		
B	U2	B	U2																							
L2	R2	B'	L2																							
F	R2	B	D'																							
B	F2	L	F																							
L2	D'	U'	L'																							
F'	Rw2	Uw																								
2.	<table><tr><td>B'</td><td>F2</td><td>L2</td><td>B'</td></tr><tr><td>R2</td><td>F'</td><td>D2</td><td>F2</td></tr><tr><td>R2</td><td>D2</td><td>L2</td><td>R'</td></tr><tr><td>U'</td><td>L</td><td>B2</td><td>L'</td></tr><tr><td>U'</td><td>F'</td><td>D'</td><td>Fw'</td></tr><tr><td>Uw</td><td></td><td></td><td></td></tr></table>	B'	F2	L2	B'	R2	F'	D2	F2	R2	D2	L2	R'	U'	L	B2	L'	U'	F'	D'	Fw'	Uw				
B'	F2	L2	B'																							
R2	F'	D2	F2																							
R2	D2	L2	R'																							
U'	L	B2	L'																							
U'	F'	D'	Fw'																							
Uw																										
3.	<table><tr><td>U2</td><td>B2</td><td>L2</td><td>U</td></tr><tr><td>R2</td><td>D</td><td>L2</td><td>R2</td></tr><tr><td>U2</td><td>L'</td><td>F'</td><td>U'</td></tr><tr><td>R2</td><td>F</td><td>D</td><td>L'</td></tr><tr><td>D</td><td>L'</td><td>F</td><td>L</td></tr><tr><td>U2</td><td>Fw'</td><td>Uw'</td><td></td></tr></table>	U2	B2	L2	U	R2	D	L2	R2	U2	L'	F'	U'	R2	F	D	L'	D	L'	F	L	U2	Fw'	Uw'		
U2	B2	L2	U																							
R2	D	L2	R2																							
U2	L'	F'	U'																							
R2	F	D	L'																							
D	L'	F	L																							
U2	Fw'	Uw'																								

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

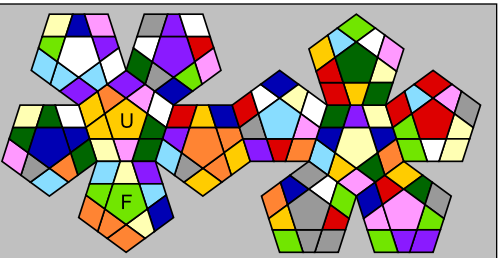
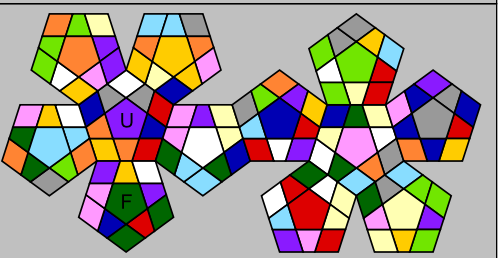
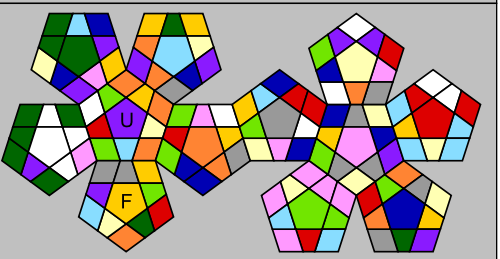
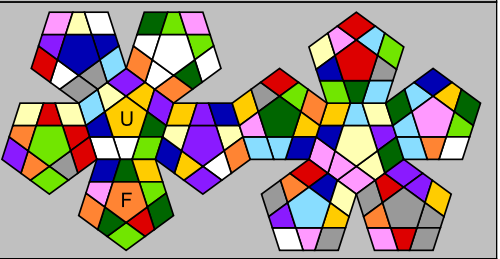
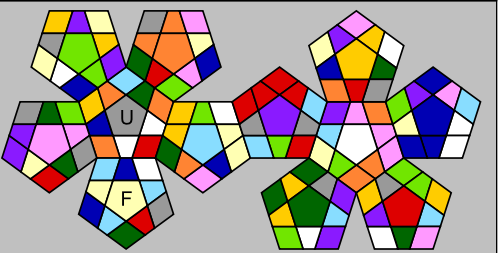
1.	$B' R U' R U' R' B R U L' U' u l' r' b'$	
2.	$R U' L' U' R B' L R U' L' R l' b$	
3.	$U' R' U B' U R' U R' U' L' U u' l' b$	
4.	$B R U' B' R L B' U' L' U' R'$	
5.	$R' B' L' R' B L R B' R' U' L u l' r'$	

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

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

2019-06-26

minx
Scrambles for 2019-06-26

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'	
	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	
	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	
	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	
	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	
	R++ D++ R-- D++ R++ D-- R++ D-- R-- D++ U	

2019-06-26

 clock
 Scrambles for 2019-06-26

1.	UR4 - DR4+ DL1 - UL4+ U1+ R3+ D4+ L2 - ALL2+ y2 U5+ R2+ D3 - L2+ ALL5 -	
2.	UR4 - DR4 - DL4+ UL5 - U6+ R0+ D2 - L3+ ALL5+ y2 U4+ R2+ D3+ L3 - ALL2+ DL	
3.	UR4+ DR0+ DL1 - UL0+ U3 - R2+ D3+ L3+ ALL5+ y2 U1 - R0+ D6+ L2 - ALL4+ DL UL	
4.	UR1 - DR4+ DL1 - UL5 - U6+ R5 - D6+ L3+ ALL2+ y2 U1 - R3+ D3 - L1 - ALL0+ UR	
5.	UR5 - DR1 - DL1 - UL1+ U1 - R0+ D2+ L5 - ALL5 - y2 U2+ R3 - D4+ L3 - ALL5 - UR DR 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]

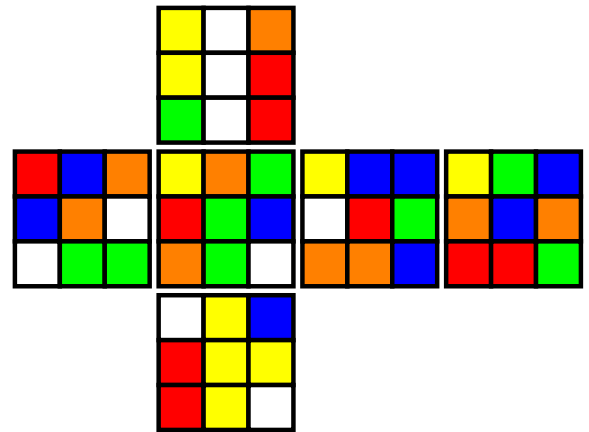
Scrambles for 2019-06-26
333fm

Competitor: _____

WCA ID: _____

DO NOT FILL IF YOU ARE THE COMPETITOR.

Graded by: _____ Result: ____



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

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

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]

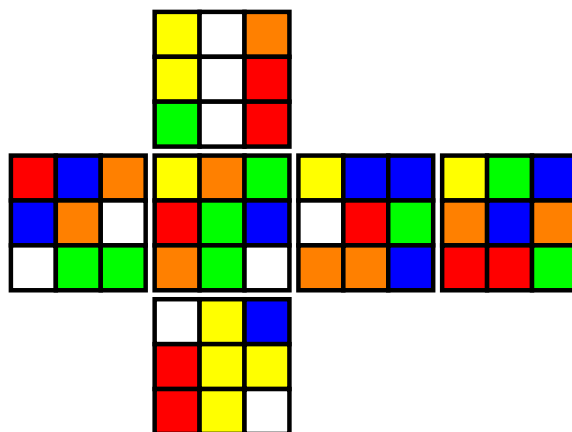
Scrambles for 2019-06-26
333fm

Competitor: _____

WCA ID: _____

DO NOT FILL IF YOU ARE THE COMPETITOR.

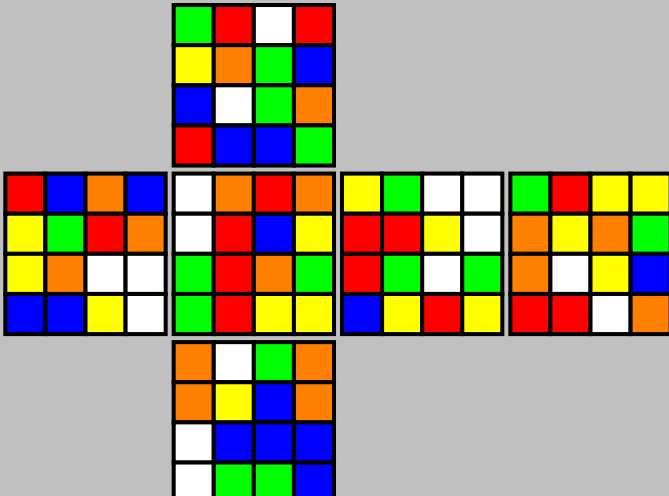
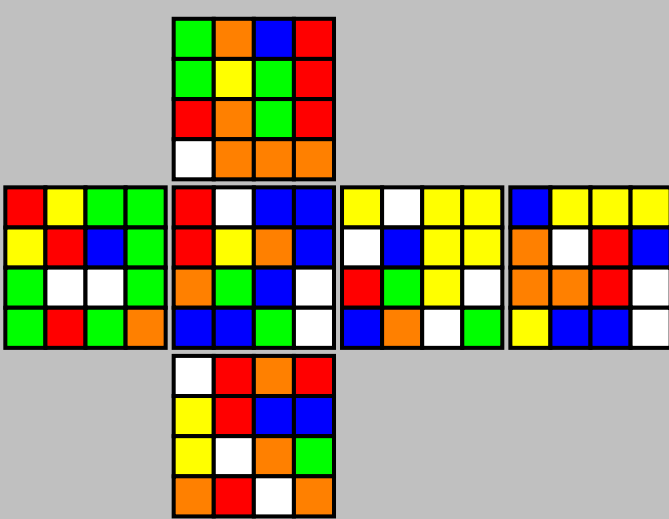
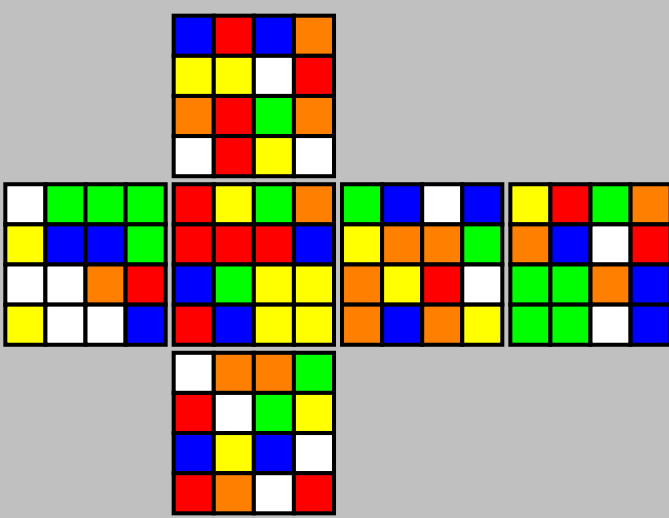
Graded by: _____ Result: _____

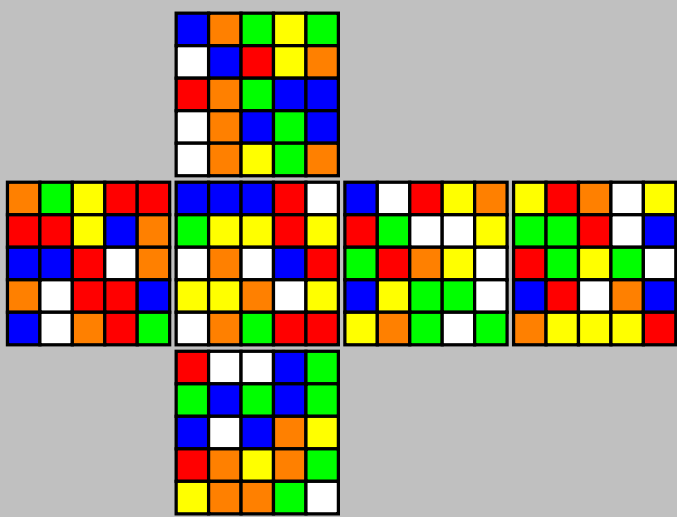
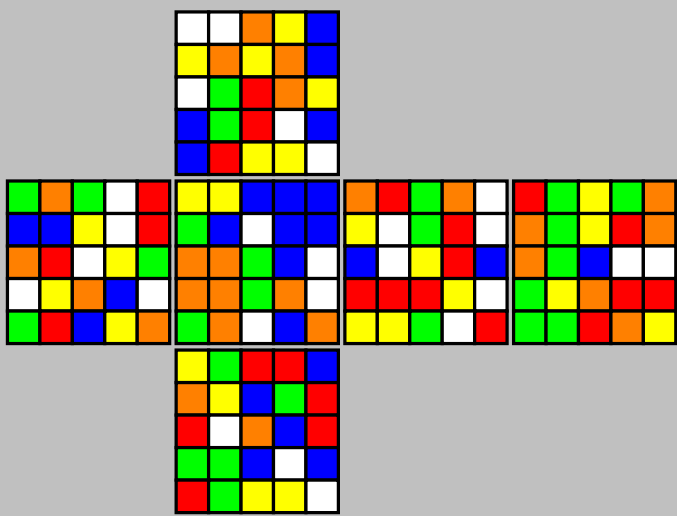
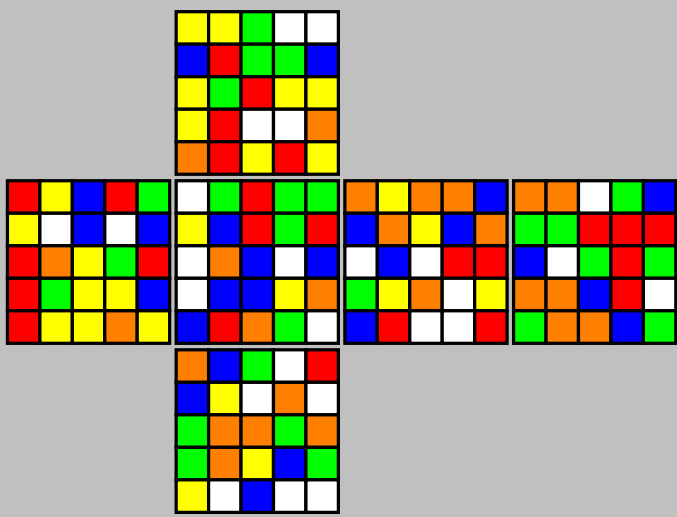


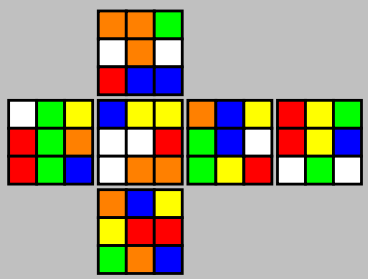
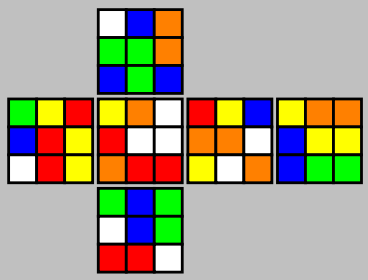
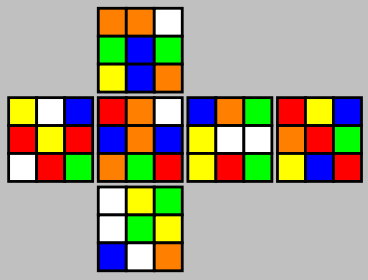
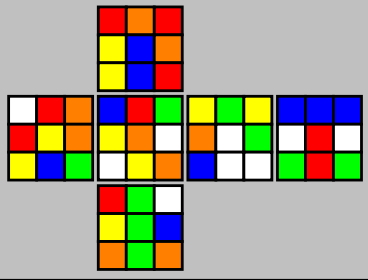
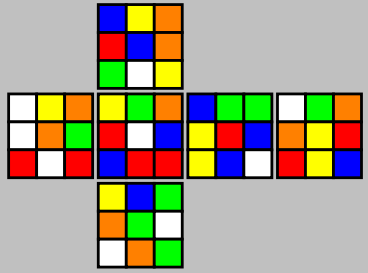
Scramble: R' U' F R2 D2 B2 R' B2 U2 R2 U2 L' B F L B2 U' L' F R2 D B U2 R' U' F

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.

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

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

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

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

6.	L2	D'	B2	U'	B2	R2	U'
	F2	R2	U2	F'	R'	U2	F'
	D'	B	F2	D	B2	R'	Fw'

