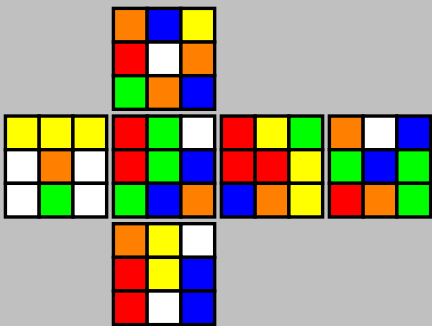
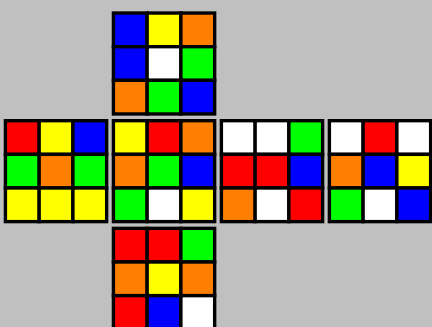
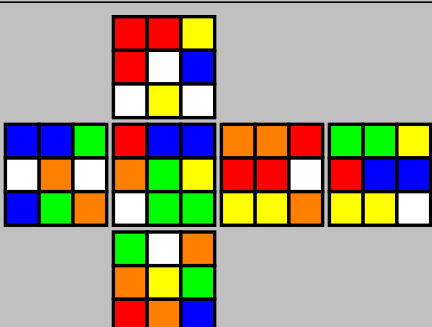
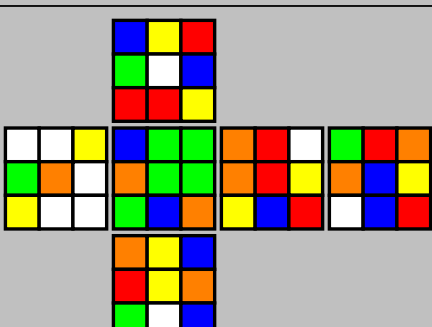
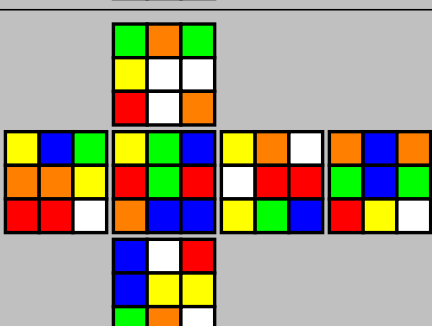
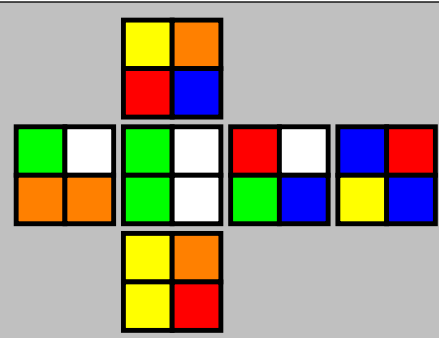
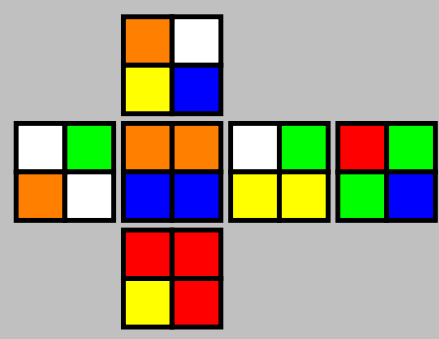
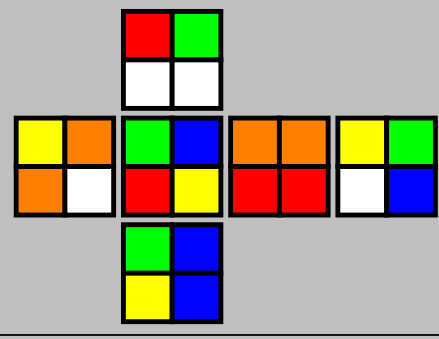
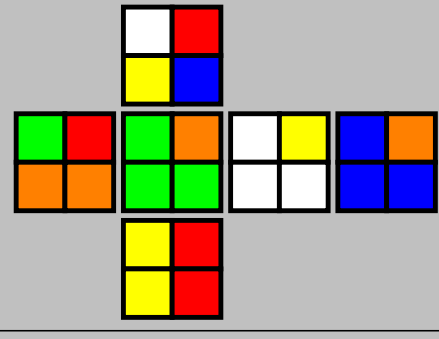
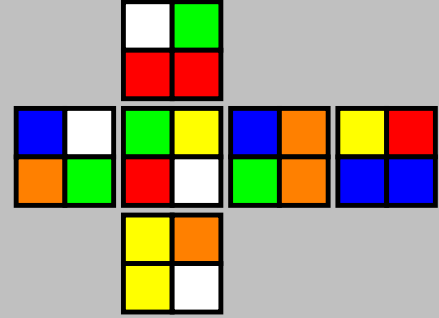
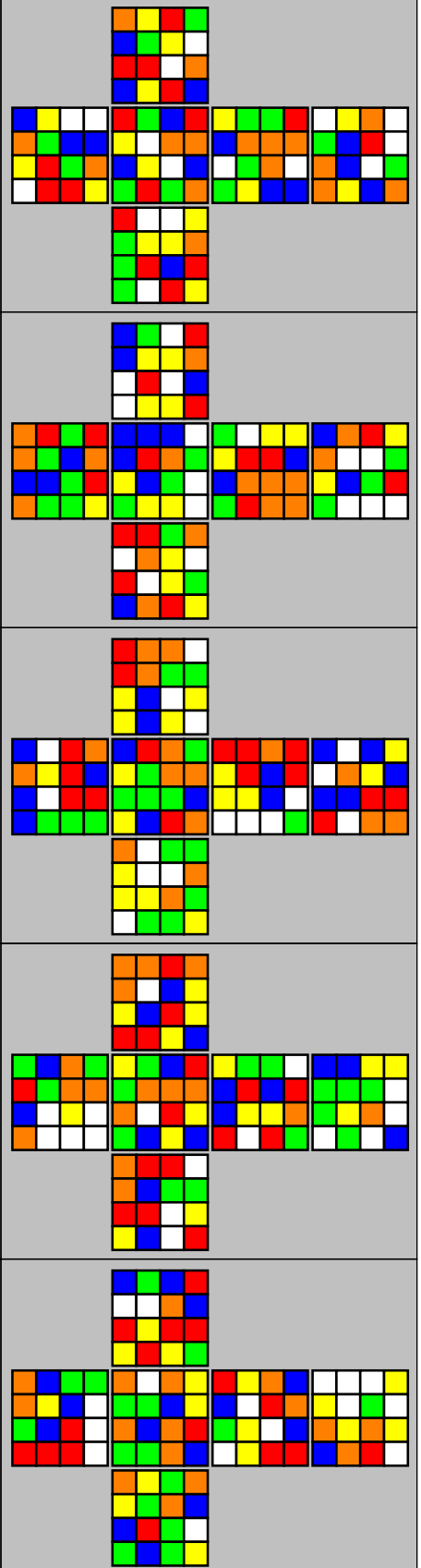
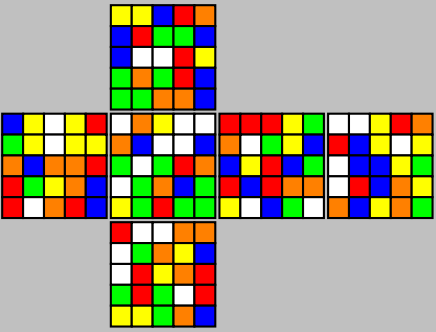
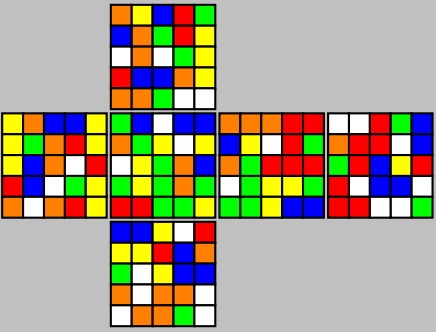
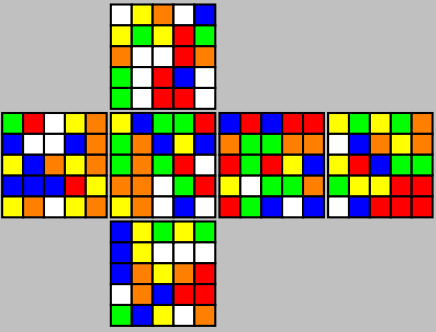
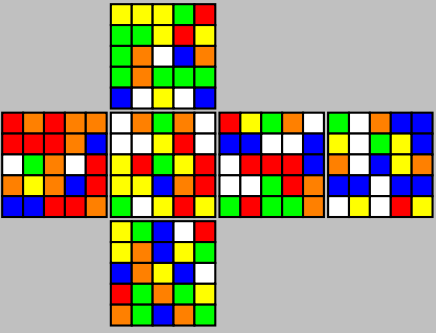
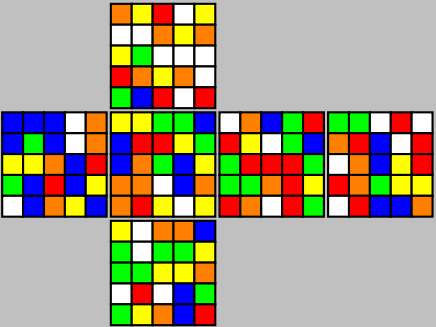


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2.	<p>L2 F2 D2 U' R2 B2 D2 F2 U' L2 U' L B' L2 D2 R U B D' B2 L'</p>	
3.	<p>U' B D2 F U B U2 B R' B D2 L' B2 U2 D2 R' U2 D2 R</p>	
4.	<p>D' R2 F2 U' B2 R2 U L2 F D' L' D L D R2 B D B L'</p>	
5.	<p>B2 R2 U' R2 U2 B2 R2 D R2 B D2 L2 D L B L' R2 F' U'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

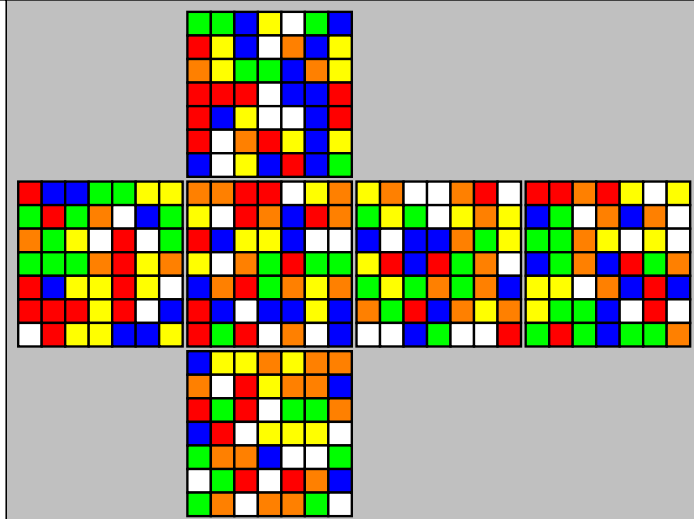
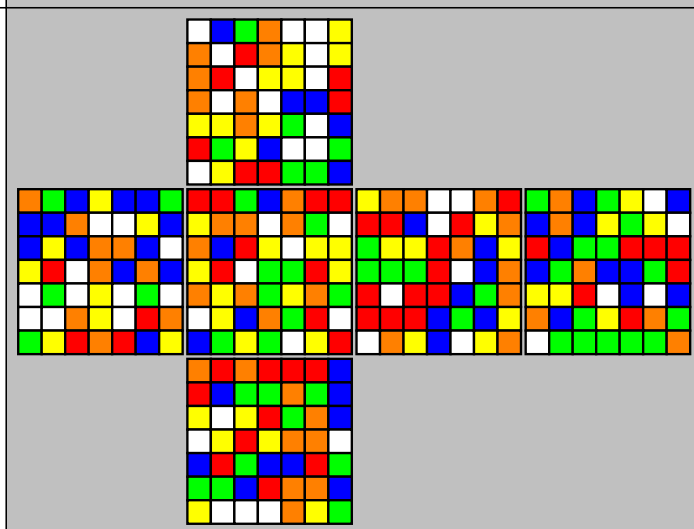
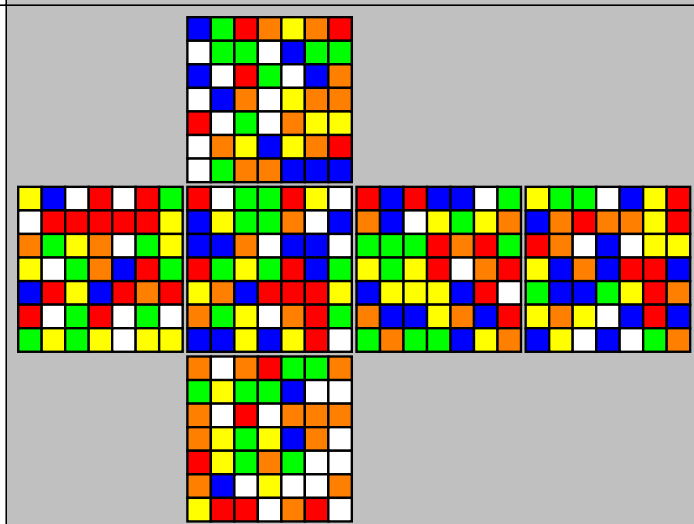
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3.	$R^2 \ U^2 \ R' \ U' \ R' \ F \ U^2 \ F \ U \ F \ R^2$	
4.	$R \ U' \ R^2 \ U^2 \ R \ U^2 \ R' \ F' \ R^2 \ U^2 \ F'$	
5.	$U' \ R' \ U' \ R' \ F \ U' \ F \ U^2 \ F^2 \ R \ U^2$	

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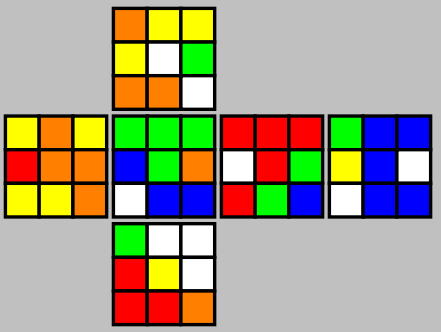
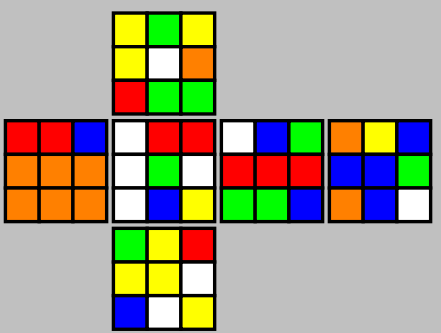
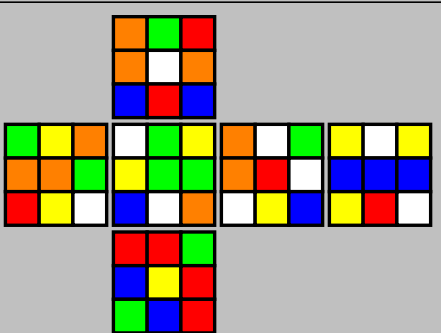
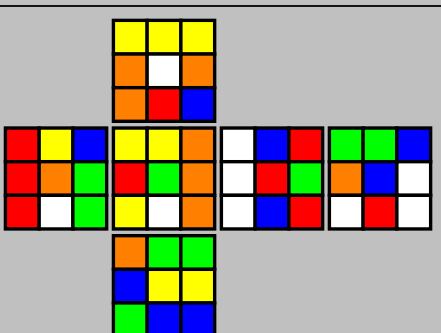
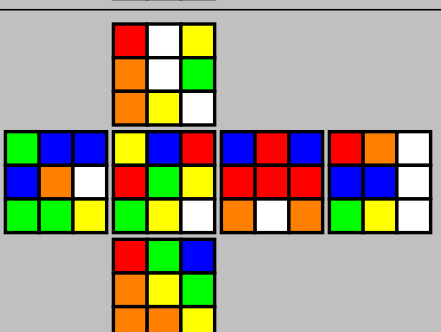


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	U	Uw'	B	R	Rw'	Dw'	B2	Rw	L'
	F2	D	Dw	Rw	Uw	R'	B2	Lw'	F'
	Bw	D'	Dw'	R'	D	R2	F	Rw2	Lw
	B'	Rw2	Uw	R'	Fw2	L	Rw2	Dw'	F
	Rw2	R	Dw2	Bw2	F'	L			
									
2.	L	Rw2	F2	L2	Dw	Rw2	R	D	Uw
	R2	L2	Fw	B'	Bw2	L2	Bw'	Uw2	D
	Rw	F'	Fw'	U	Fw	Lw2	F	Fw'	Dw
	L2	U'	Dw'	B2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

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

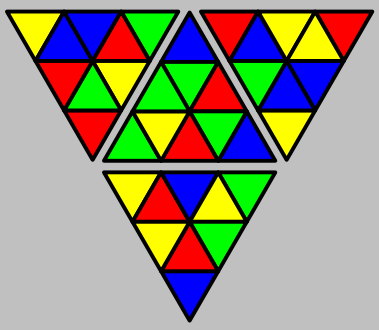
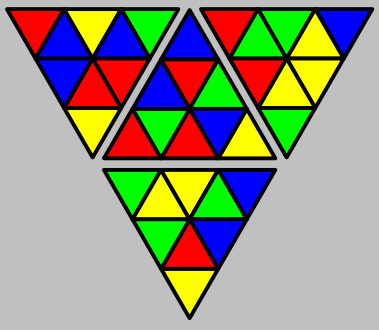
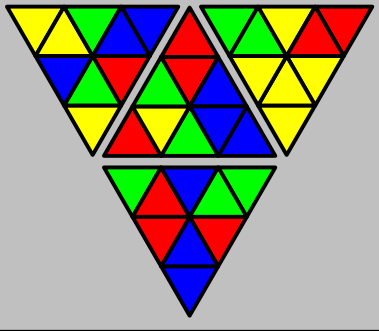
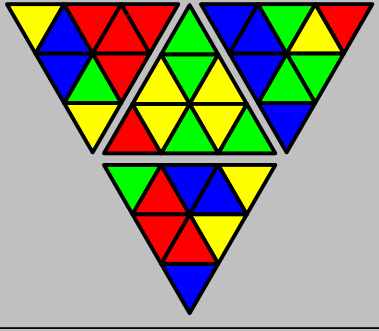
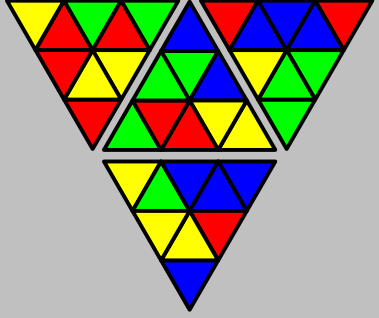
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Rw'	3Lw2	3Dw'	3Lw'	Rw	Bw	Lw'																																																																																																					
Uw	D'	R2	F2	3Rw'	3Dw'	Dw																																																																																													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

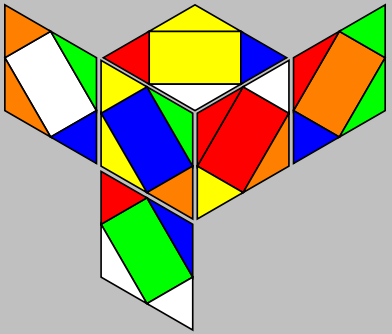
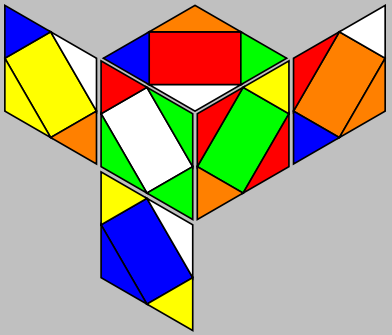
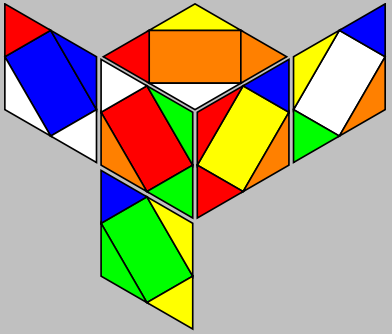
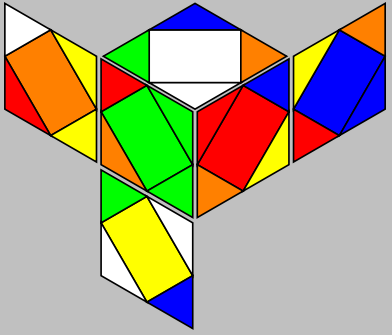
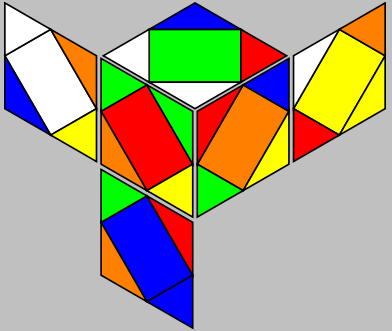
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2.	<div>F2 R2 U' R2</div> <div>U L2 D L</div> <div>F U' B2 F2</div> <div>U2 R' F' U'</div> <div>B2 L U Rw</div> <div>Uw'</div>	
3.	<div>L' R' F2 D2 L' R</div> <div>U2 B' R2 U B L'</div> <div>D L' U B' R2 D'</div> <div>Rw</div>	

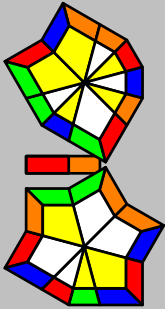
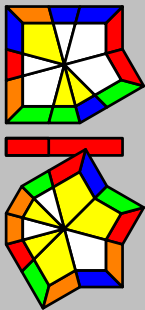
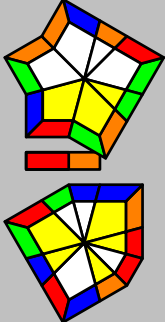
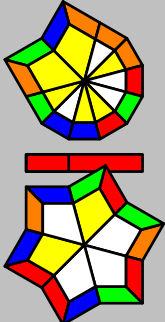
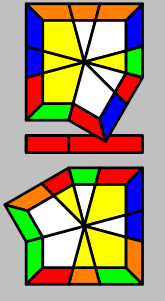
1.	<p>B U2 R2 U2 L2 B2 F' U</p> <p>F' U L B D' F' U2 B2</p> <p>D2 B</p>	
2.	<p>D2 R B U2 R' U2 B2 U'</p> <p>R2 B2 U2 L2 F2 D2 F' D2</p> <p>F'</p>	
3.	<p>F2 U' L2 D' L2 D B2 U</p> <p>R2 U B R2 D2 B' R' F</p> <p>L B' D' R'</p>	
4.	<p>B D2 B' L2 U2 F' D2 F2</p> <p>U2 L2 B2 L' D2 U B' D2</p> <p>F2 D' L U'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

2019-06-08

pyram
Scrambles for 2019-06-08

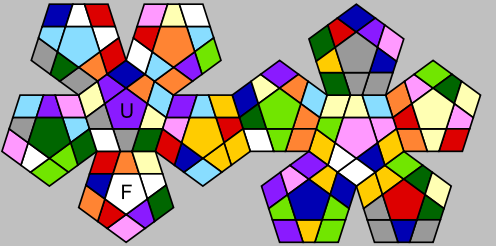
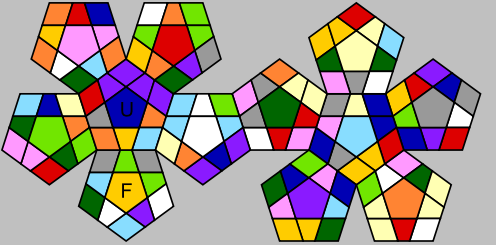
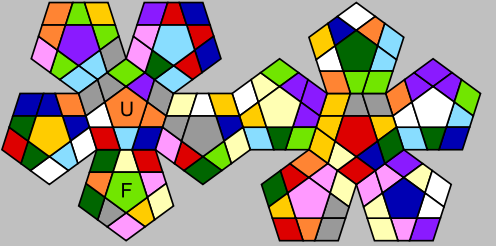
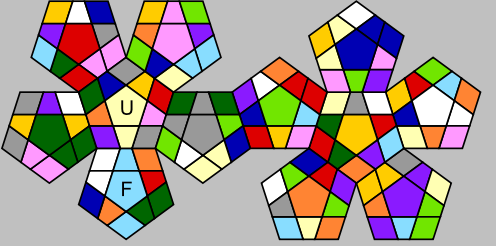
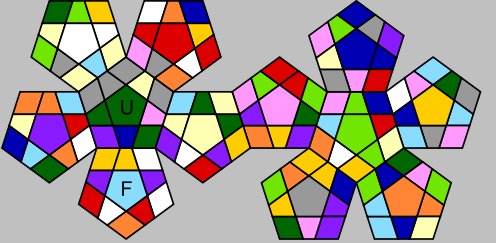
1.	R' U B' U L' B U' R' B R' U' u l r' b	
2.	U L' U' L' U R' B' U' B' U' L' u' l r' b'	
3.	R' L' B L R B' R' L B' U' L l'	
4.	B' L U' R L B R' U' B R U' l' r' b	
5.	R' U B L' U' B L R' B' L B' u l' b'	

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

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

2019-06-08

minx
Scrambles for 2019-06-08

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	

2019-06-08

clock

Scrambles for 2019-06-08

1.	UR3- DR4+ DL4- UL1- U5+ R1- D4- L4- ALL6+ y2 U5- R1+ D4- L6+ ALL0+ DR	
2.	UR3- DR3- DL1+ UL4- U1+ R4- D4- L2- ALL2+ y2 U5- R1- D5- L2+ ALL3- DR UL	
3.	UR1- DR2- DL4+ UL4- U4+ R4- D3- L2- ALL6+ y2 U2- R5- D4- L4+ ALL5+ UR UL	
4.	UR0+ DR4+ DL2+ UL4- U2- R0+ D6+ L1+ ALL2- y2 U2+ R3+ D2- L2- ALL6+ UR	
5.	UR5+ DR5- DL1+ UL3+ U1- R1- D5- L6+ ALL4+ y2 U1+ R5- D2+ L4- ALL4+ 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]

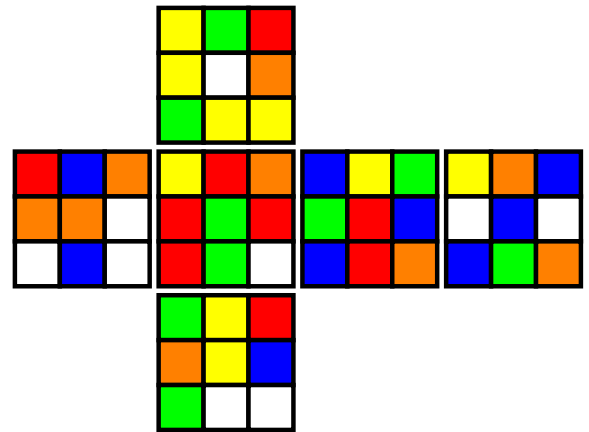
Scrambles for 2019-06-08
333fm

Competitor: _____

WCA ID: _____

DO NOT FILL IF YOU ARE THE COMPETITOR.

Graded by: _____ Result: ____



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

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

Fewest Moves

- > You have 60 minutes to find and write a solution.
- > Write 1 move per bar. To delete a move, clearly blacken it.
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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]

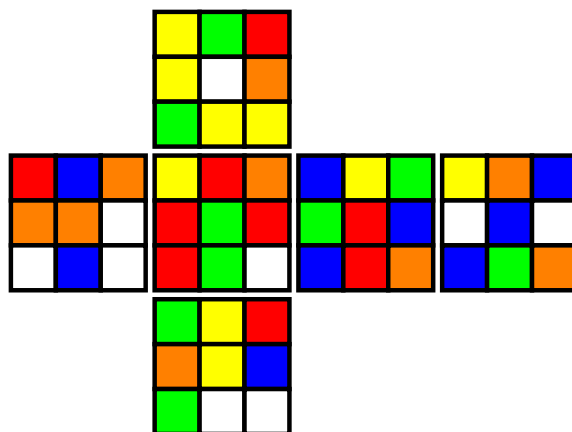
Scrambles for 2019-06-08
333fm

Competitor: _____

WCA ID: _____

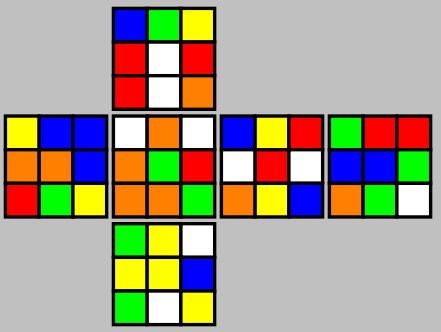
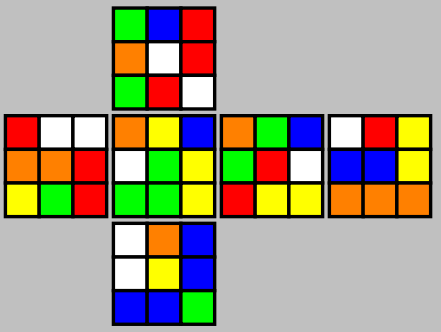
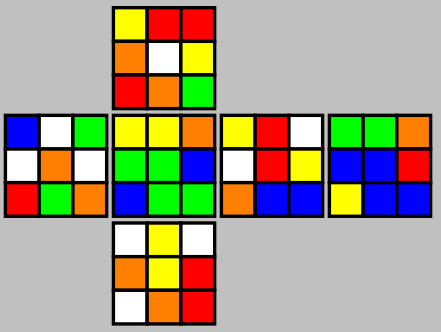
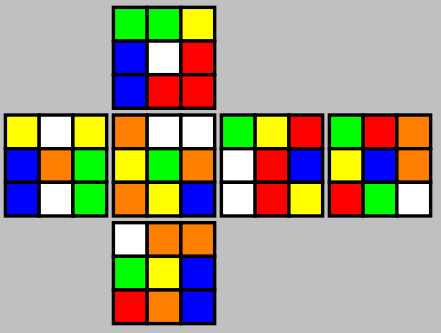
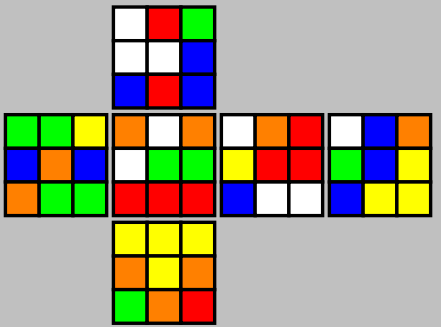
DO NOT FILL IF YOU ARE THE COMPETITOR.

Graded by: _____ Result: _____

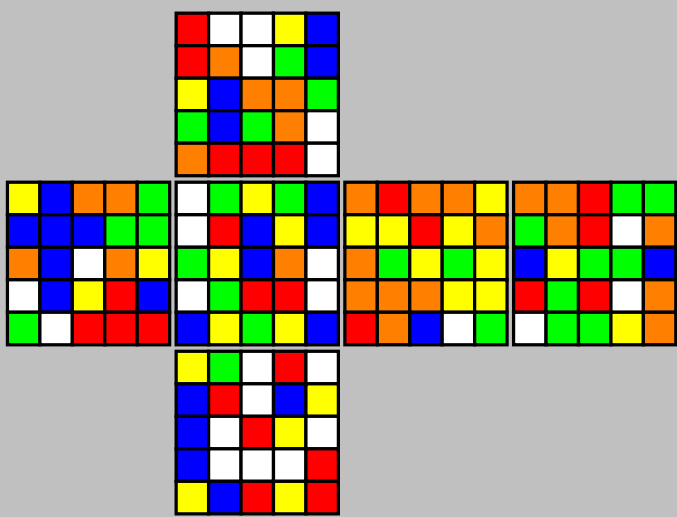
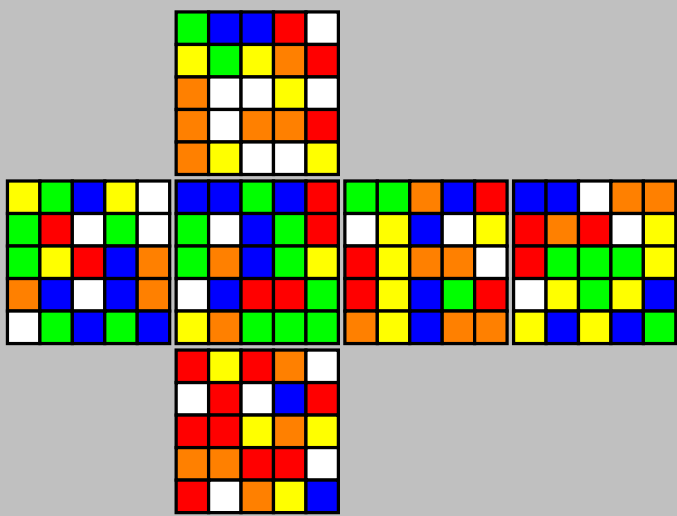
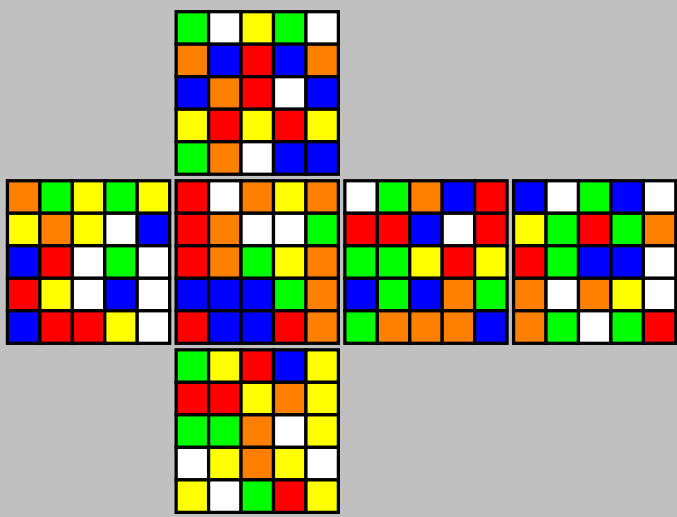


Scramble: R' U' F R2 D2 F U2 R2 F2 R2 F D2 B D2 U' F2 R B2 F2 U R' D' F R' U' F

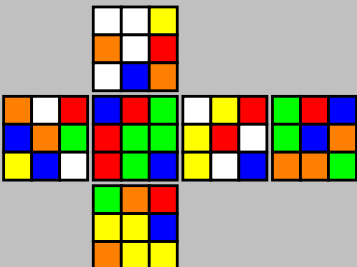
This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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

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

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

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

6.	<div>F' U2 R2 B L2 F' U2 F2 R2</div> <div>F2 L D R F R' U2 L F</div> <div>R U</div>	
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