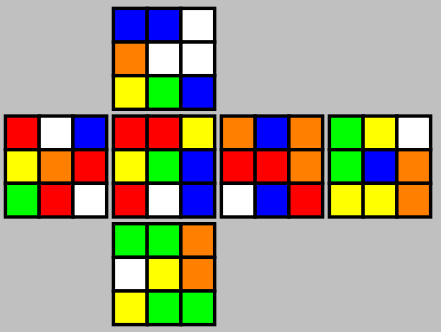
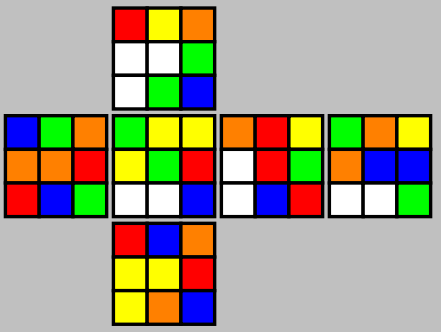
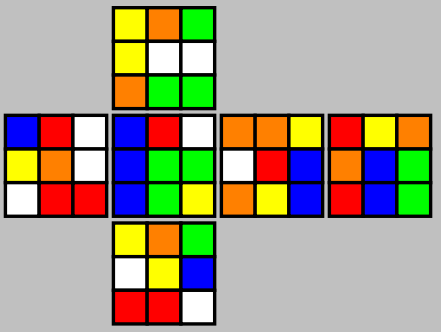
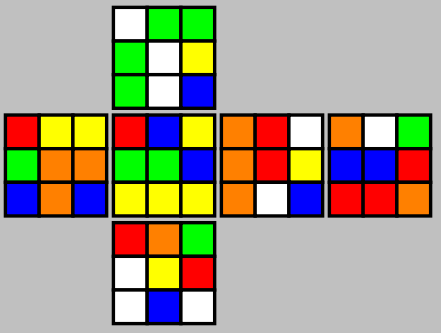
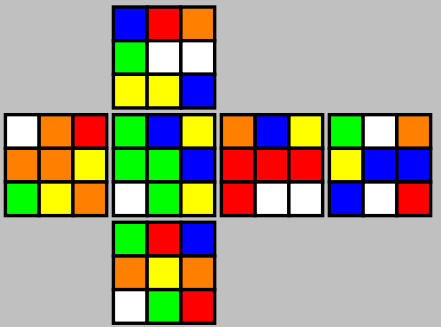
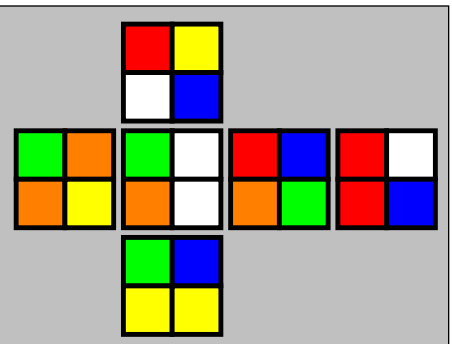
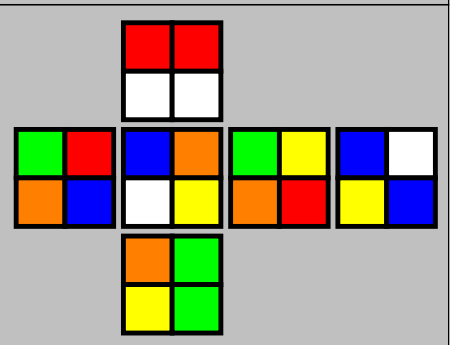
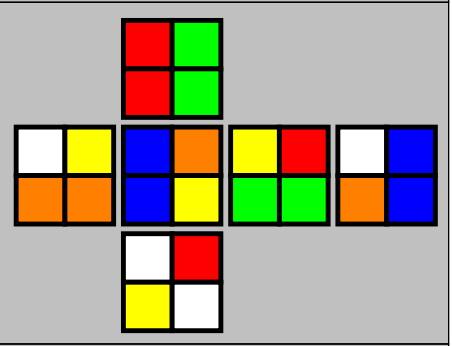
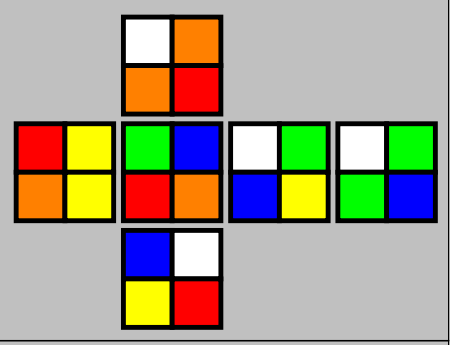
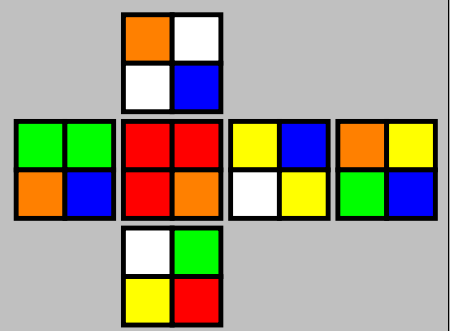
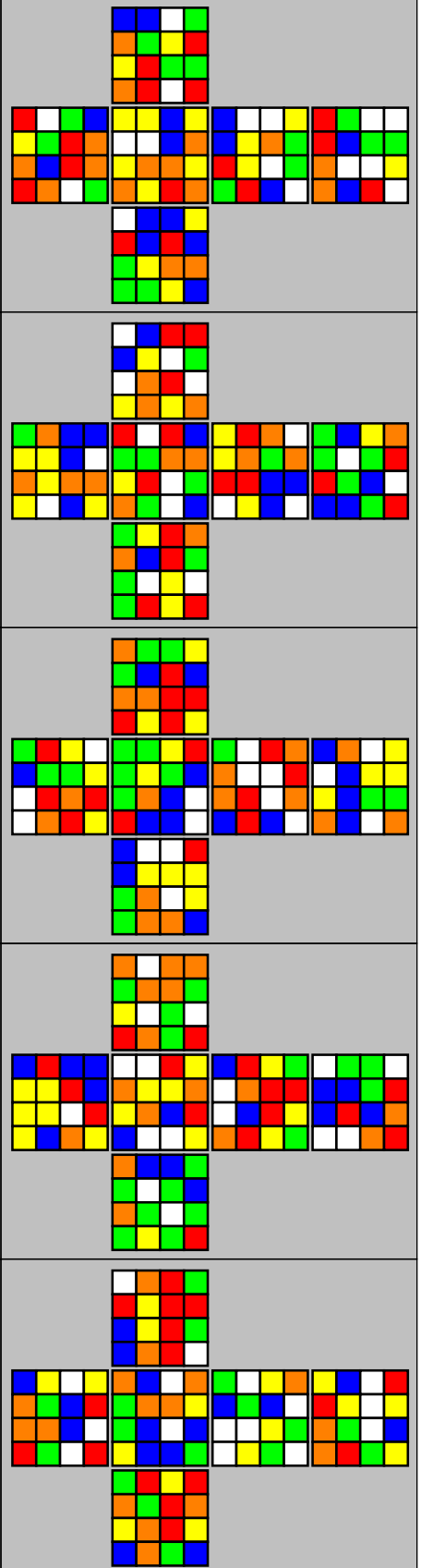
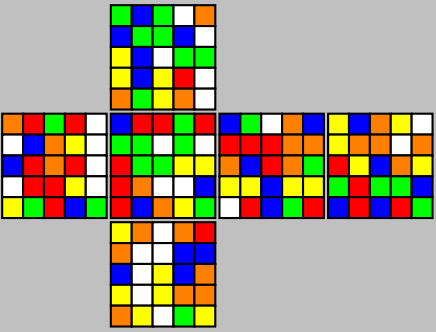
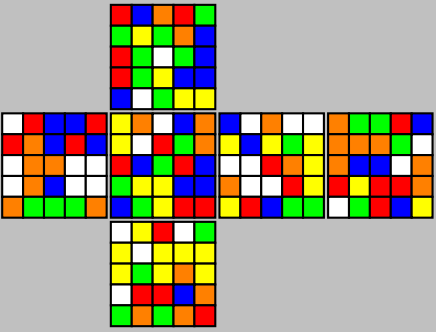
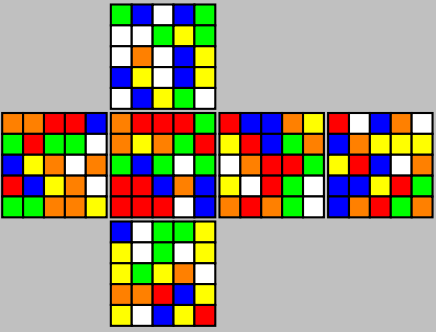
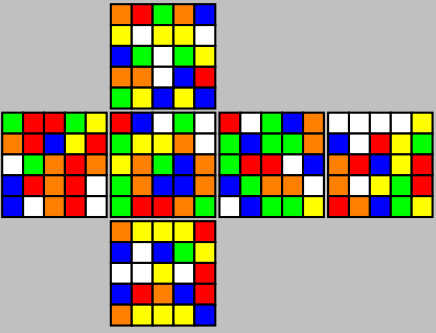
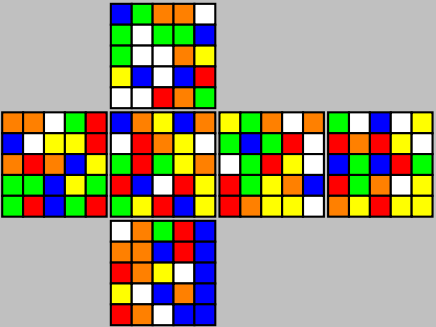


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3.	B2 U2 B2 U2 F R2 B F D2 U' F U' R' D B D2 F' D R'	
4.	R2 L B U' L2 U R F' L U R L2 D B2 R2 U D2 L2 D'	
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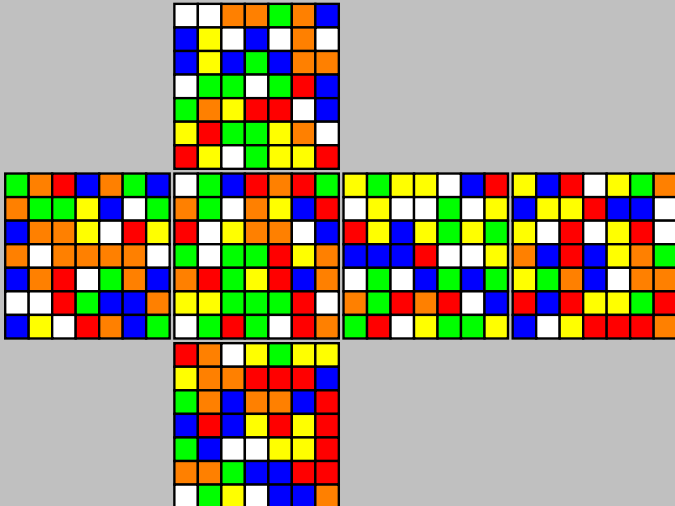
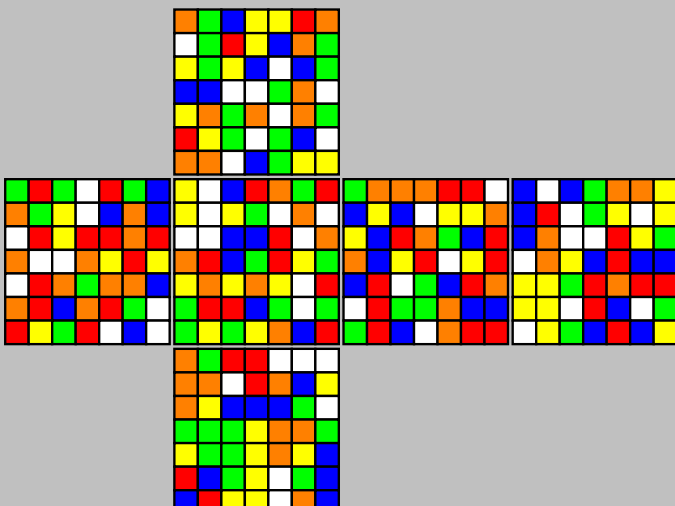
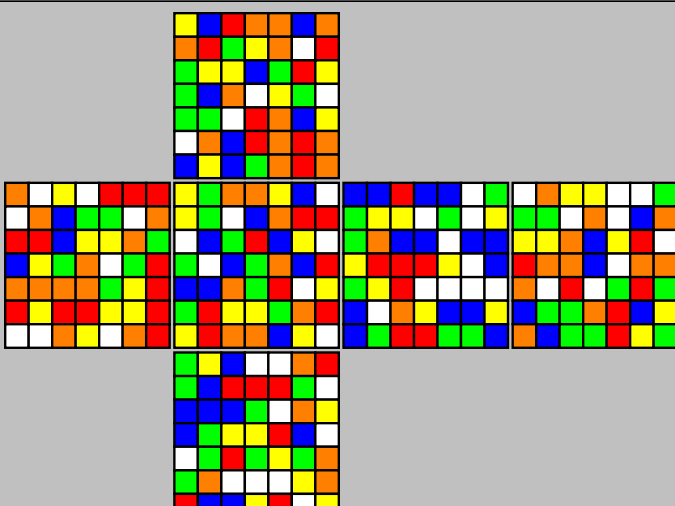
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3.	$U^2\ R'\ F^2\ U'\ R'\ F\ U^2\ R^2\ U'\ R'\ U^2$	
4.	$F\ R^2\ U'\ F'\ R'\ U'\ R'\ F\ U^2\ F\ R^2$	
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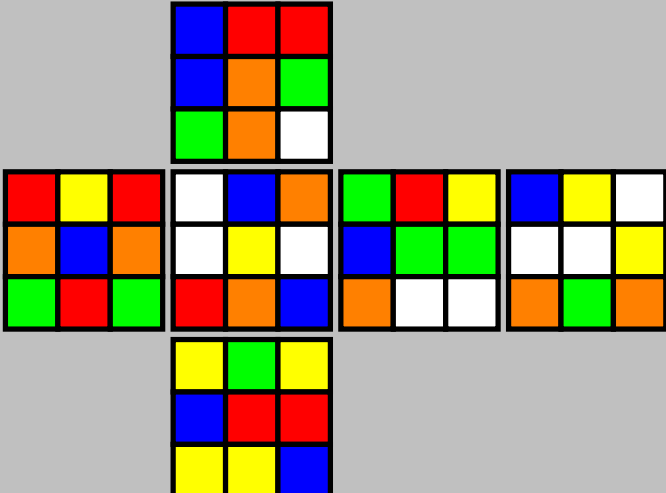
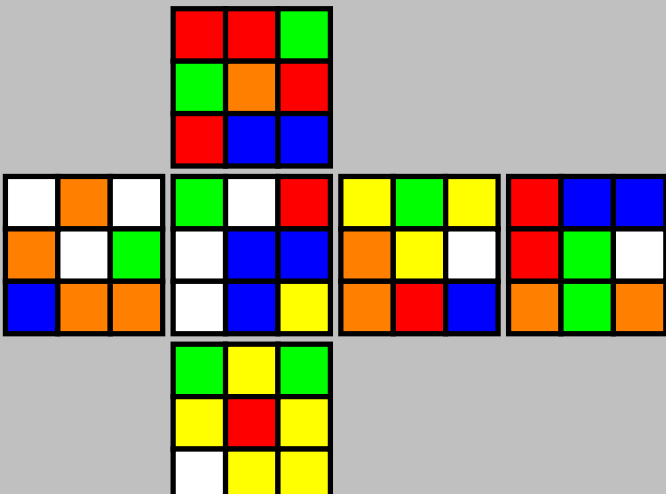
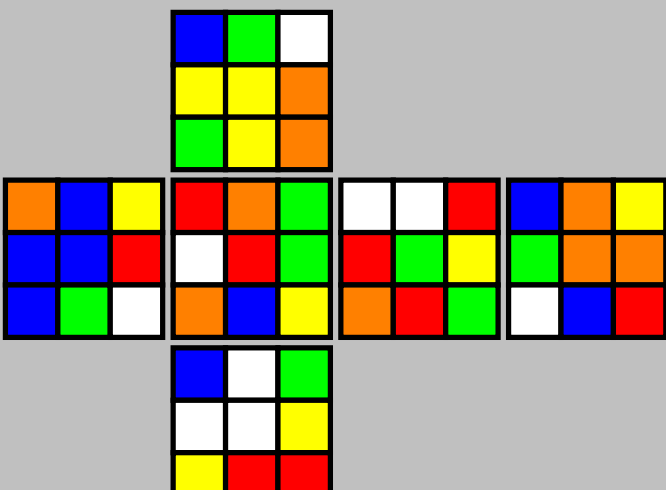
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	Fw	F	R	Rw2	D2	B'	Fw
	D	Fw	D2	Fw2	Rw	F	B'
	Rw2	Fw2	D	U'	Rw2		
2.	Fw'	U2	D2	Rw'	U2	Fw2	Uw'
	F	L	Uw	D'	Rw'	U'	Uw'
	B	R'	Fw'	B	R2	F2	B
	Rw	Uw'	Rw2	D	U'	L	Fw2
	Uw	Rw	U'	D	Fw	D2	R'
	U'	Uw'	Rw	B'	F2		
3.	Uw'	Fw'	Uw2	Fw'	Uw'	L2	Fw2
	U	Uw'	D'	L2	F2	U	Fw2
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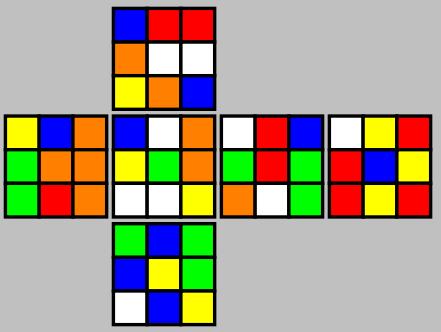
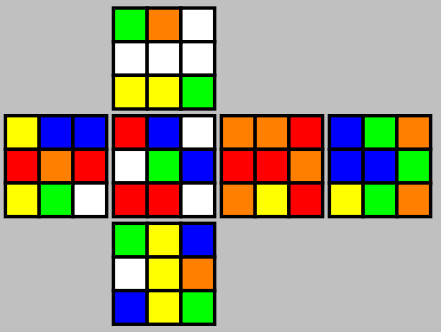
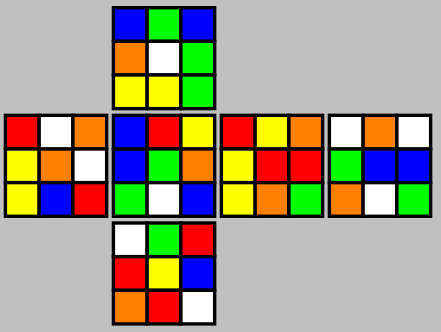
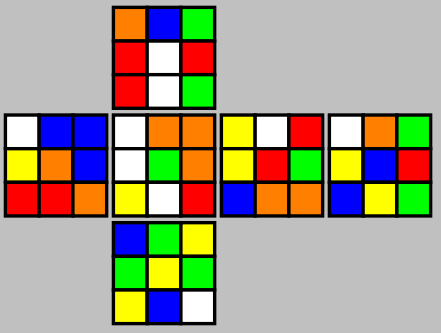
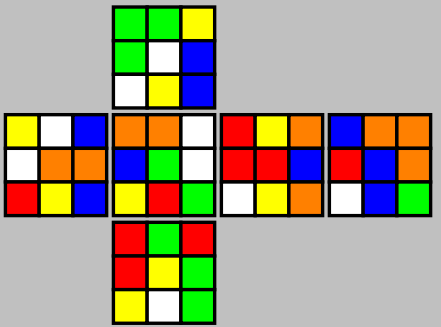


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2.	L2 Rw Bw' Rw Uw' Dw2 Rw L2 R2 F Rw2 Bw Dw' Bw2 Rw' Fw2 B' U' Dw F2 B2 R2 Rw2 Fw D L Uw2 Bw' U B R' Uw' B' F' Uw' Dw L' B2 R2 Lw' Dw' U L Uw2 Rw2 F' B U F' D' Bw F Fw Rw L B' Uw L' U' Uw'	
3.	D' R' U L2 R F2 Uw' U R2 Uw F Dw2 Bw2 Rw' Dw Uw2 Bw Dw'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

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	Rw2 3Uw	

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

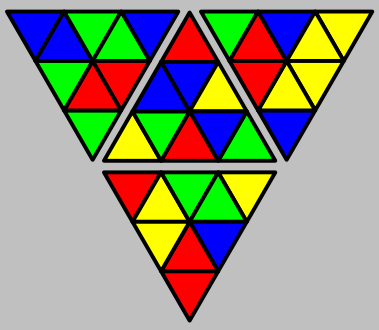
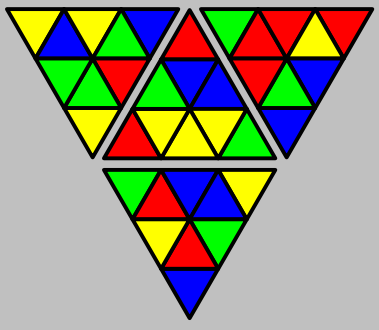
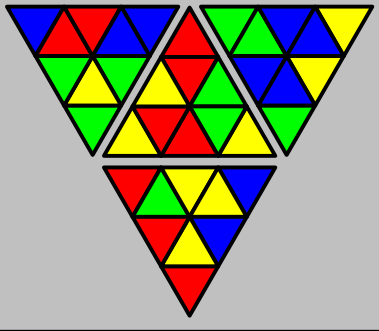
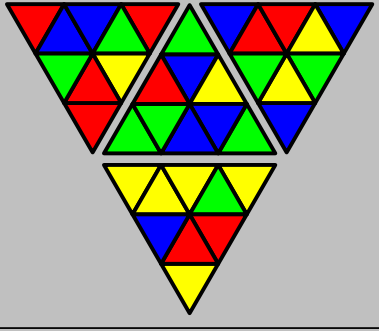
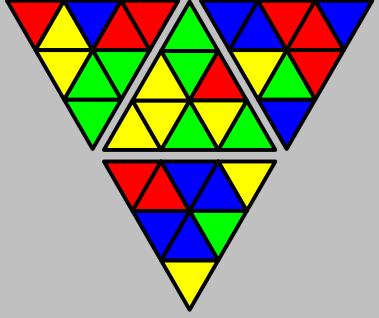
1.	<table><tr><td>F'</td><td>L2</td><td>F</td><td>D2</td></tr><tr><td>F'</td><td>R2</td><td>F'</td><td>U2</td></tr><tr><td>B2</td><td>D</td><td>F</td><td>D'</td></tr><tr><td>B</td><td>U</td><td>B'</td><td>F</td></tr><tr><td>L</td><td>B2</td><td>U</td><td>R2</td></tr><tr><td>Fw</td><td>Uw'</td><td></td>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

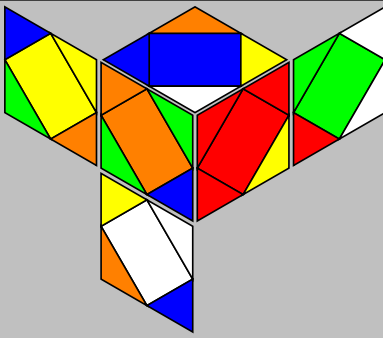
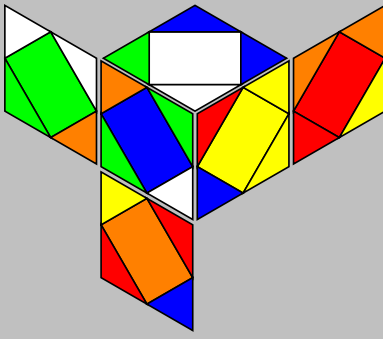
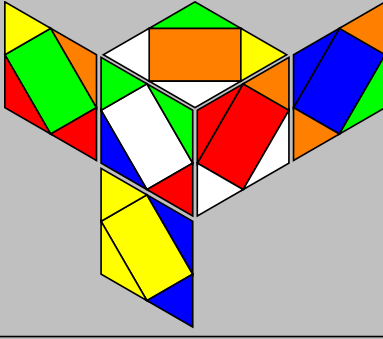
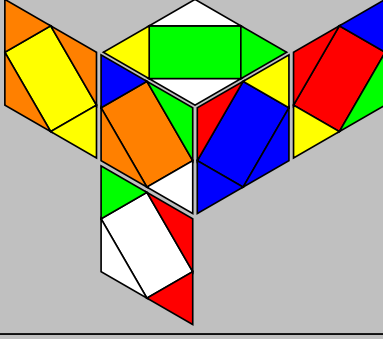
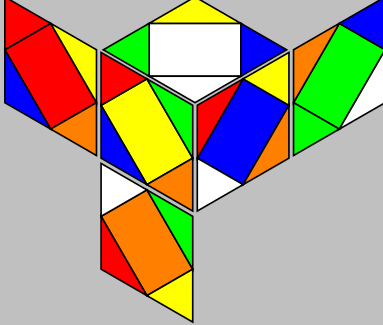
1.	$U'$ L2 F2 R2 F2 D' $U'$ R D2 B' D2 $U'$ R2 B2 R B L $U'$ F2	
2.	$R'$ F' B2 D F U2 D L' D B2 R2 B2 R2 U2 R2 U L2 U	
3.	$L'$ U2 F2 D2 R F2 $R'$ U2 R2 F2 $U'$ B' $R'$ F' L2 $U'$ $R'$ D' R B'	
4.	R2 U2 L2 D' R2 U2 L2 R2 B2 D' L F' D U B2 $U'$ L D B U	
5.	F $U'$ L2 D' R2 F' U $R'$ F' L B D2 B' R2 U2 F2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

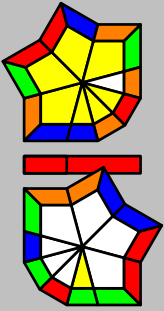
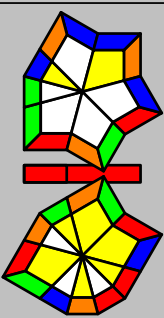
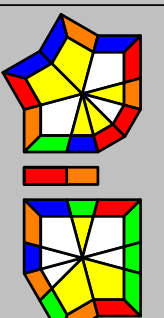
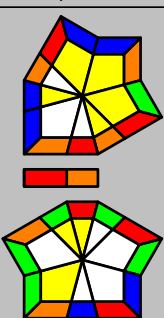



2019-05-20

pyram  
Scrambles for 2019-05-20

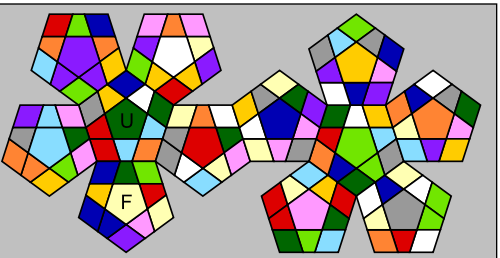
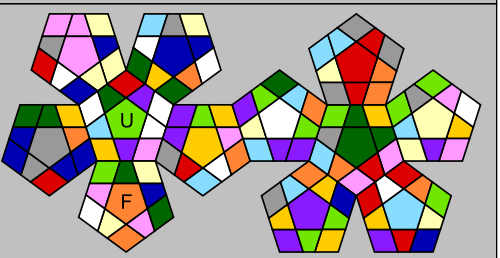
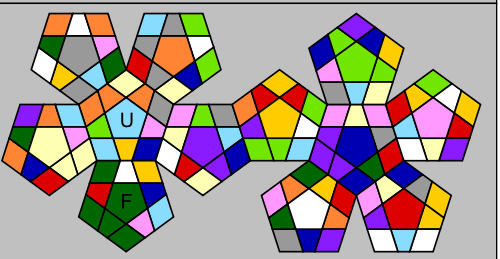
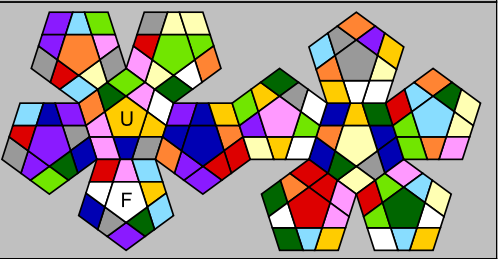
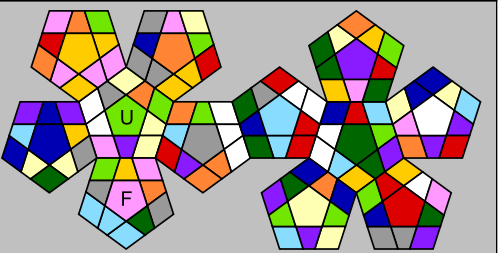
1.	U' L' R B' R L' R L' R' U' B' u l' r	
2.	R' U' L' R U R' B U L' R' L u l' r' b	
3.	B' U' B R' U B R' L U' B' R' l r b	
4.	L R U' B' R L' U R' U B' R u' r b'	
5.	R U B R' U' R' L' B' R B' R r' b	

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

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

2019-05-20

minx  
Scrambles for 2019-05-20

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'	

2019-05-20

 clock  
 Scrambles for 2019-05-20

1.	UR0+    DR2-    DL4- UL2-    U4-    R5- D3+    L5+    ALL3- y2    U5+    R0+ D2+    L5-    ALL3- DR	
2.	UR4-    DR5+    DL4- UL4+    U6+    R5+ D3-    L6+    ALL3- y2    U0+    R0+ D1-    L0+    ALL2+ DL	
3.	UR1-    DR1-    DL3- UL5+    U2+    R3- D3-    L2-    ALL2+ y2    U4-    R2+ D3+    L2-    ALL6+ DL    UL	
4.	UR4-    DR2+    DL3+ UL3-    U3+    R2+ D1+    L6+    ALL3- y2    U5+    R3+ D1-    L3+    ALL1+ DL    UL	
5.	UR1-    DR6+    DL4- UL3+    U4-    R1+ D2+    L4-    ALL3+ y2    U3-    R4- D2-    L5+    ALL1- UR	

## 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]

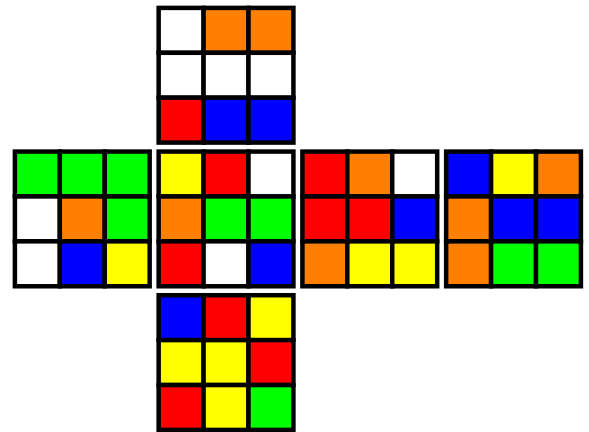
Scrambles for 2019-05-20  
333fm

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

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

DO NOT FILL IF YOU ARE THE COMPETITOR.

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



Scramble: R' U' F L' R D2 F2 U2 R U2 B2 U2 F2 R' F U' R' D B' L2 B2 U' R' 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 surface. There are no margins, text, or other markings on the paper.

## Fewest Moves

- > You have 60 minutes to find and write a solution.
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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]

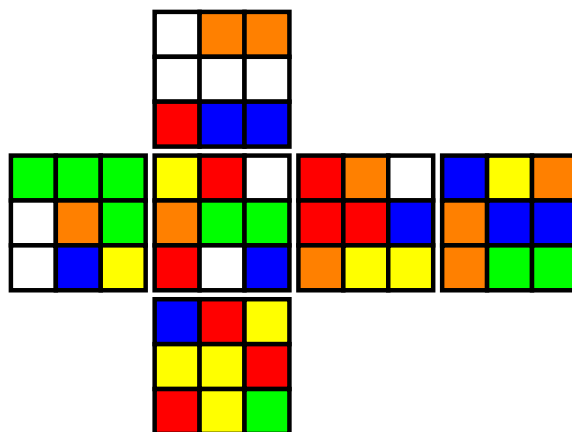
Scrambles for 2019-05-20  
333fm

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

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

DO NOT FILL IF YOU ARE THE COMPETITOR.

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



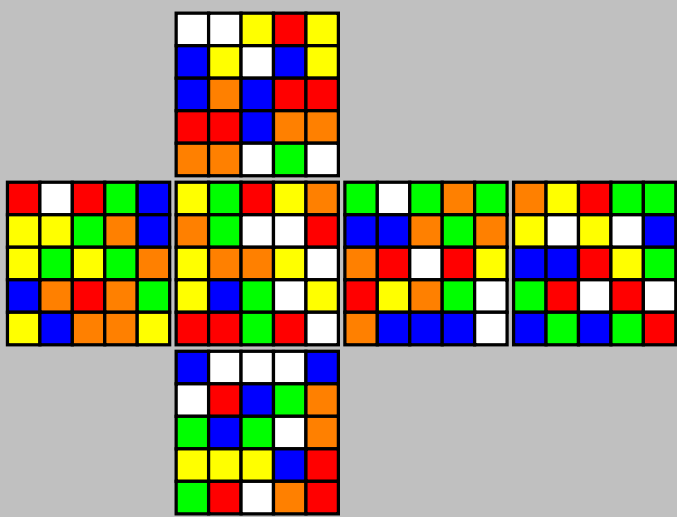
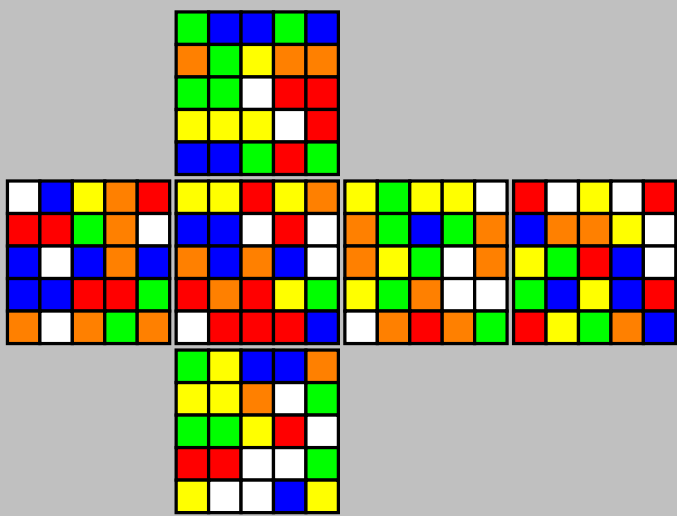
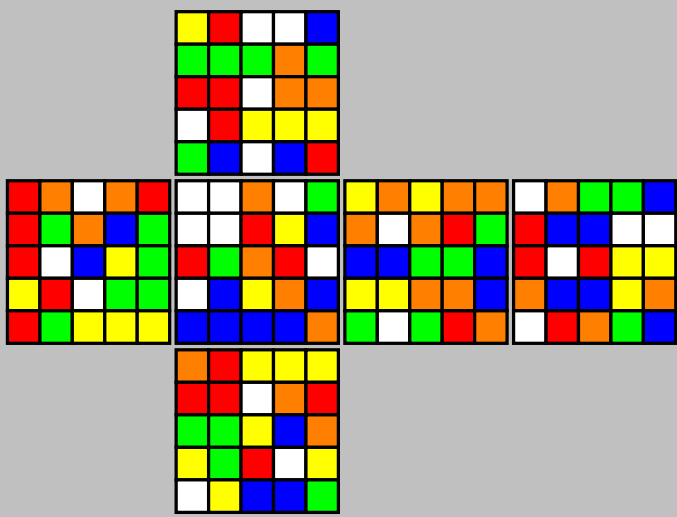
Scramble: R' U' F L' R D2 F2 U2 R U2 B2 U2 F2 R' F U' R' D B' L2 B2 U' R' F' R' U' F

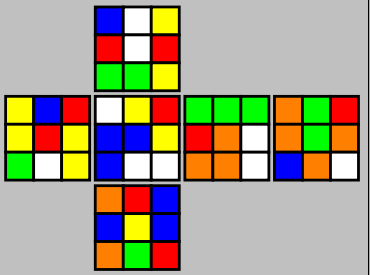
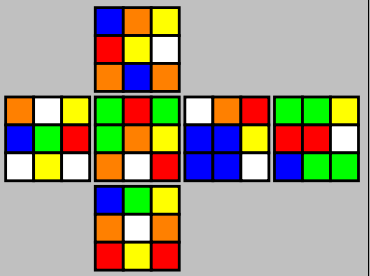
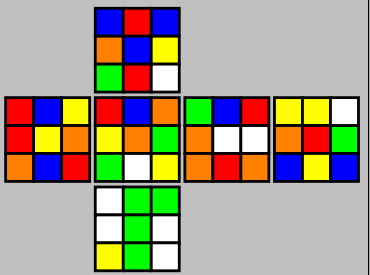
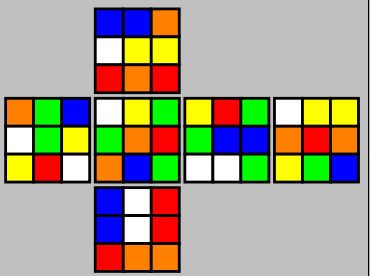
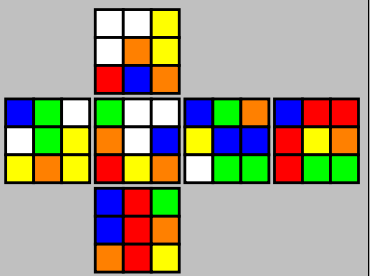
This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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



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

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

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

6.	D2	F	U2	L2	U2	L2	B2
	F2	L'	B2	F'	L	F2	D2
	B2	U'	B'	D'	U	Fw'	Uw2

