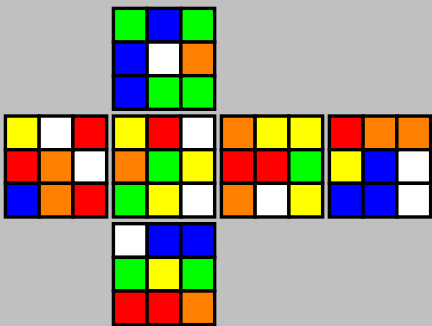
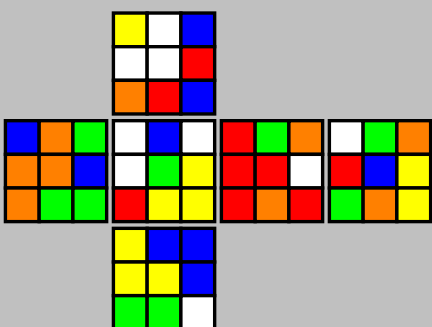
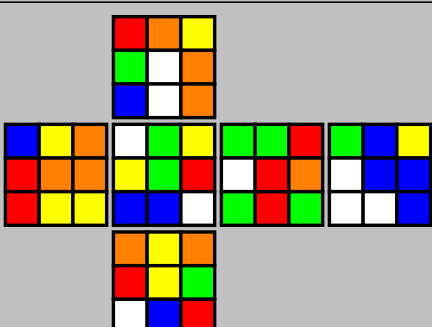
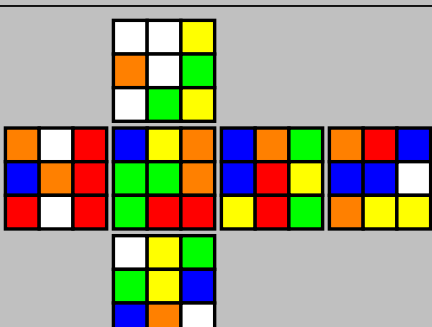
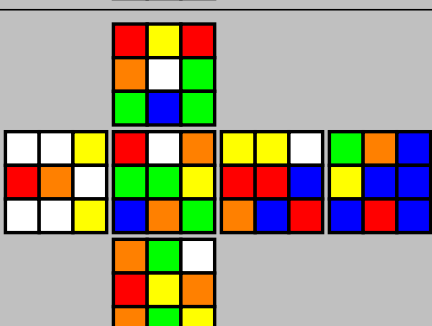
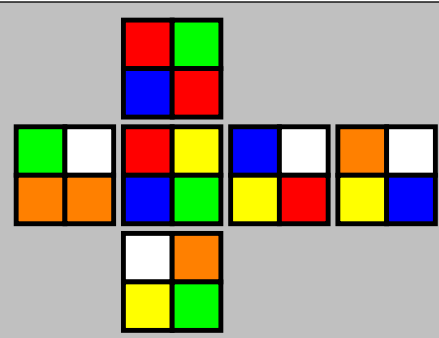
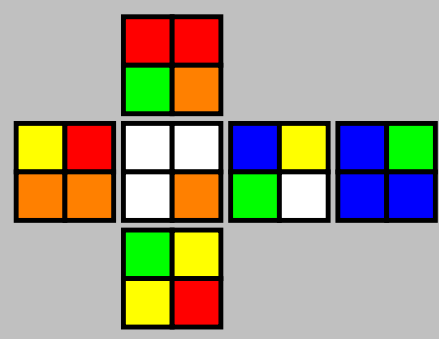
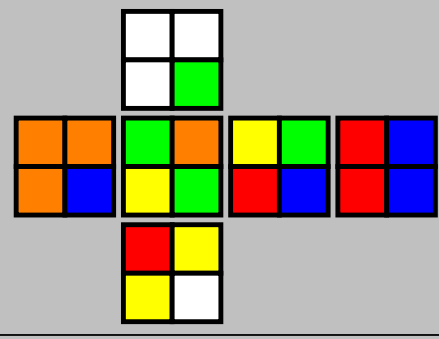
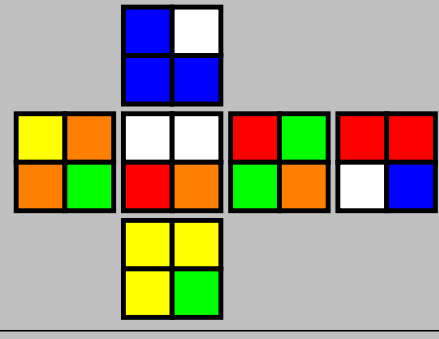
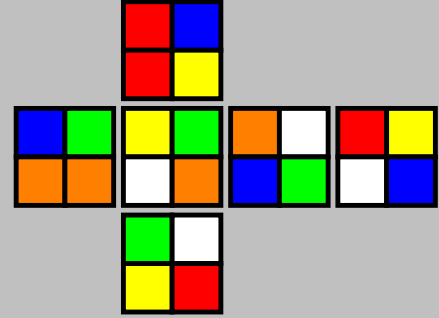
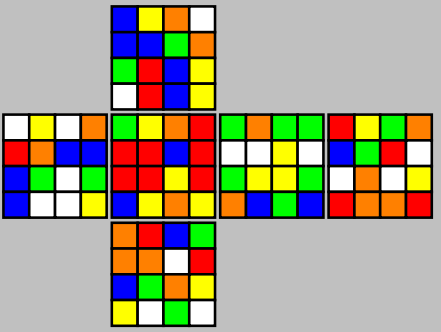
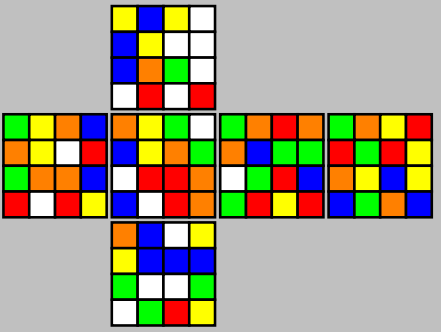
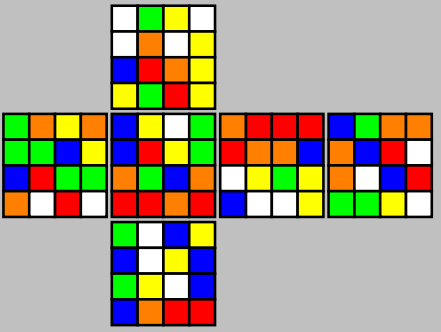
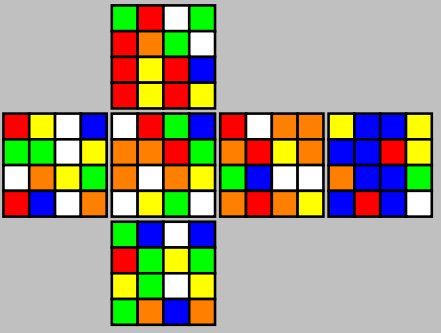
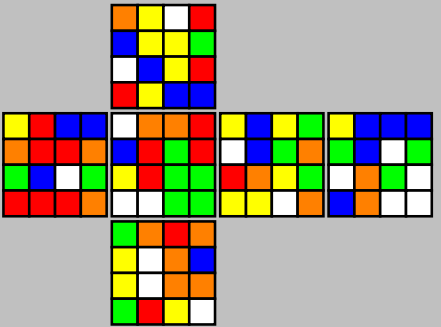
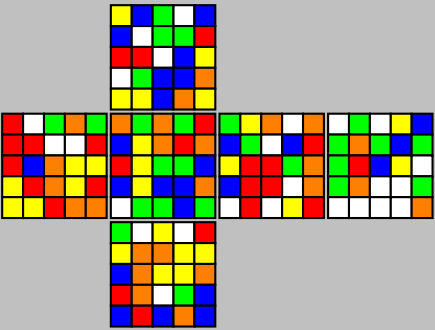
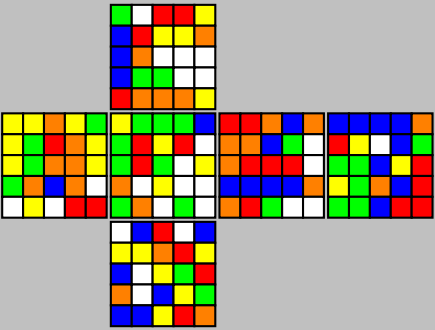
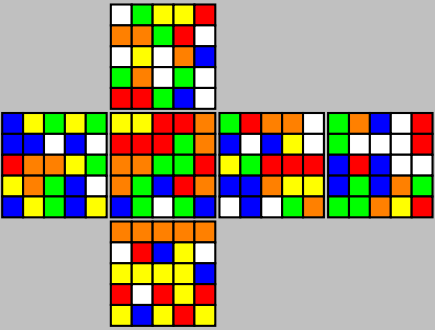
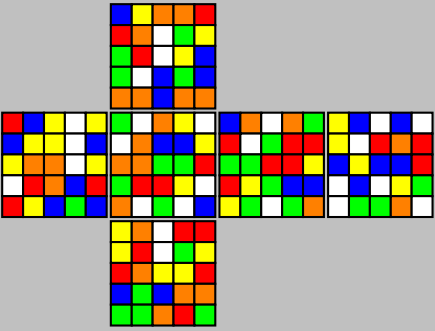
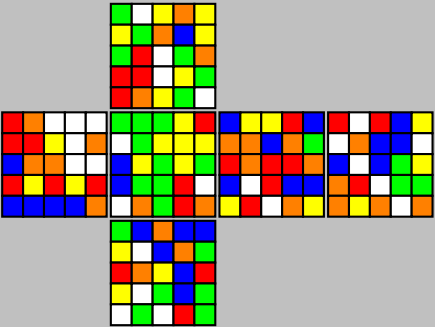


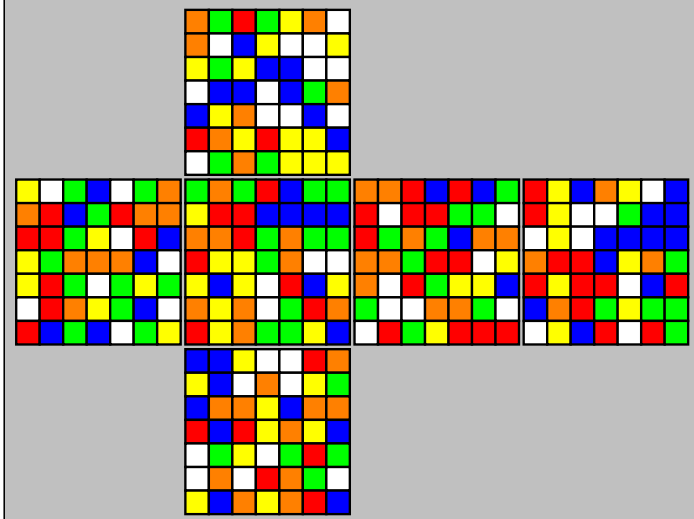
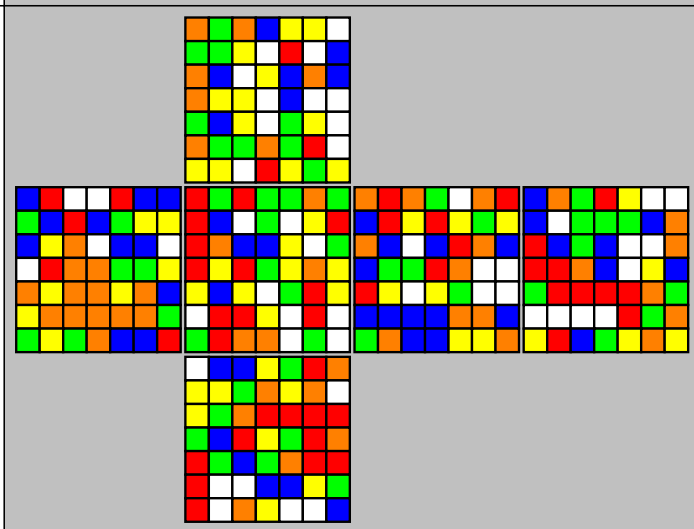
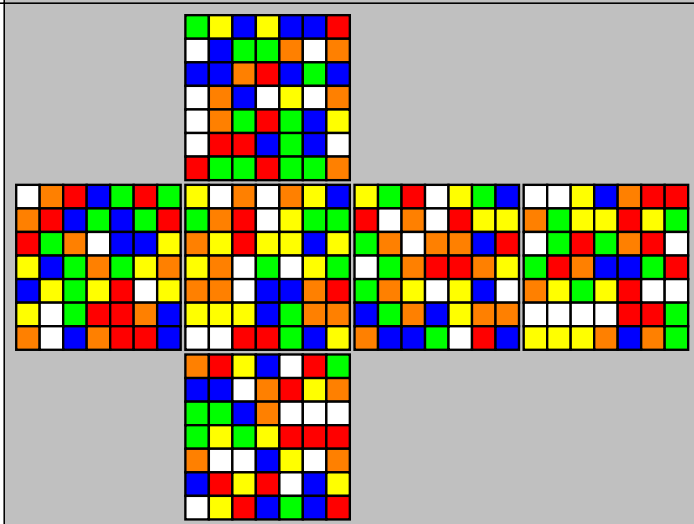
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2.	<p>B D2 F D2 F2 R2 F L'  R F D' U2 L' R2 B' L2  B2 D</p>	
3.	<p>B R2 F U' R2 B' U R'  B2 L' F' B2 U2 L2 F R2  B2 R2 U2</p>	
4.	<p>B2 F2 U2 L2 D F2 D2 R  F R2 F' L2 U' F' L U2  B F</p>	
5.	<p>D2 L2 F2 R' U2 R' U2 R  B F2 R' B D2 R F' D'  R U R2</p>	

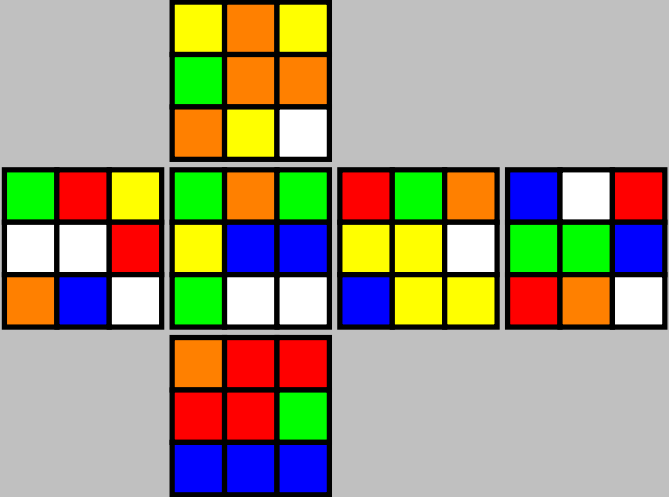
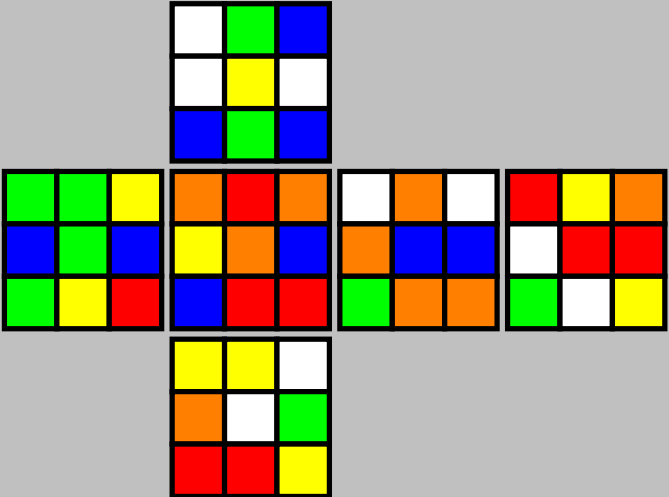
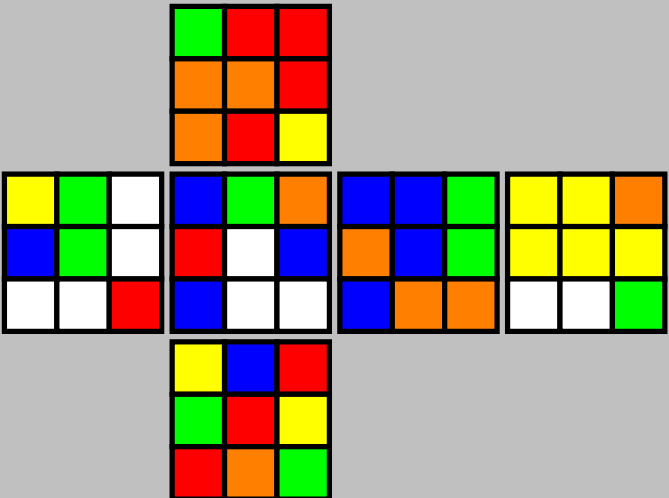
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2.	$R' F R^2 U^2 R^2 U R U^2 R^2 U^2 F$	
3.	$U' R U^2 R' U^2 R' U' F U' F' U'$	
4.	$U^2 R U^2 R^2 U' R^2 F' U' R^2 U R'$	
5.	$U R' F^2 U' F U^2 R U' R F' R'$	

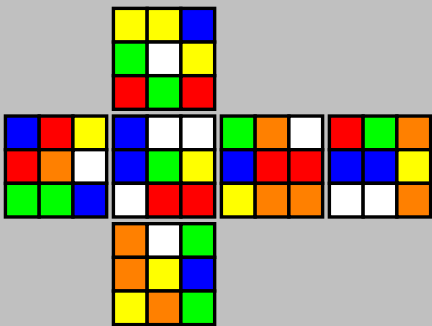
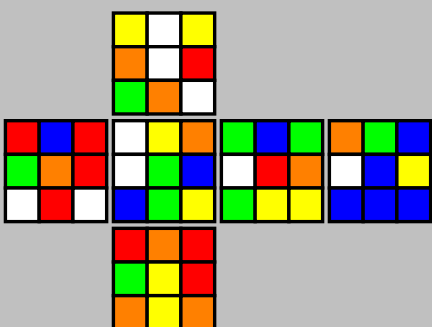
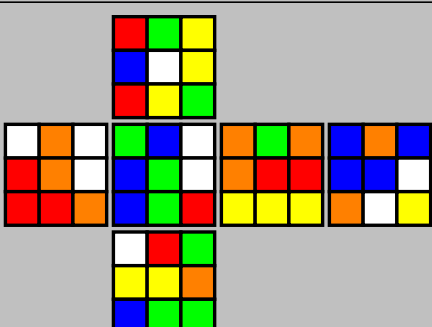
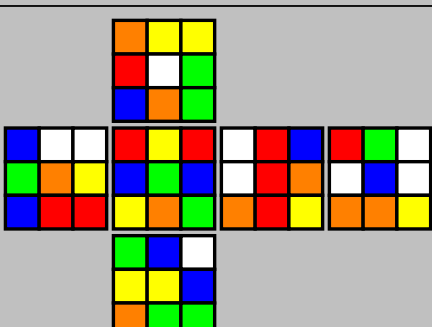
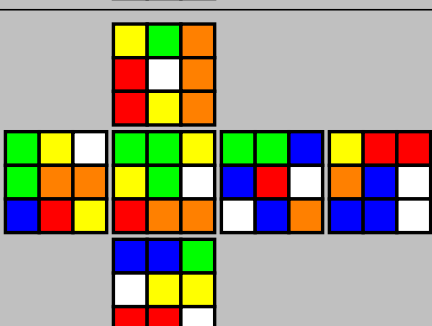
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	Fw B2 R U' R' Uw' D'	
	B2 R' Fw' R Rw' L' Uw	
	L B Fw' Uw2 Fw' R' D'	
	Rw2 R' Uw' L2 F'	
2.	Fw2 B' L' D2 B2 Fw R	
	F Fw' U2 Uw Rw' U Uw'	
	F' Rw F' Rw2 Uw L Fw	
	Rw Fw' L2 U' D F2 B	
	Rw2 Uw Rw' F B' D Uw2	
	R' U' R' D' Fw	
3.	B' D2 Rw Fw' Uw L' R'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

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

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

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

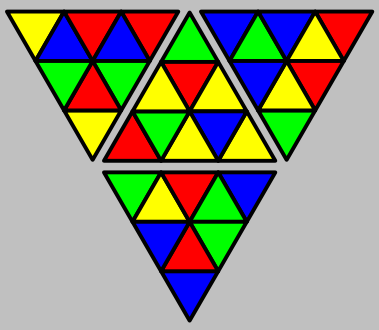
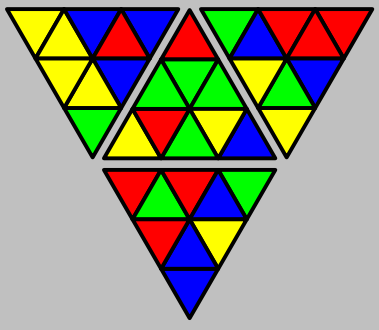
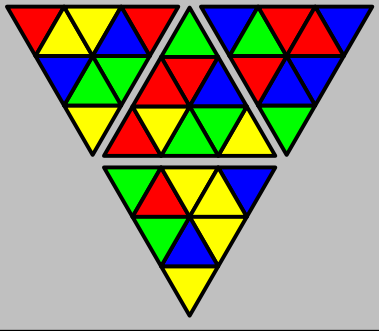
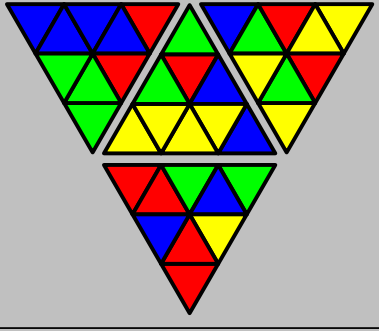
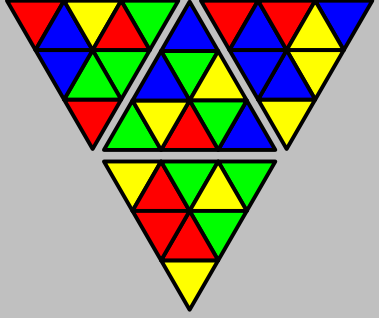
1.	<div> <div>L' U2 L' U2</div> <div>B2 L R F2</div> <div>R B2 D R2</div> <div>D U2 F L2</div> <div>F D R2 U</div> <div>Fw Uw2</div> </div>	
2.	<div> <div>R2 F2 L2 D</div> <div>U' R2 D' B'</div> <div>L' U B' R2</div> <div>B2 L F' D'</div> <div>R' F' Rw2 Uw'</div> </div>	
3.	<div> <div>U2 L2 D2 B' L2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

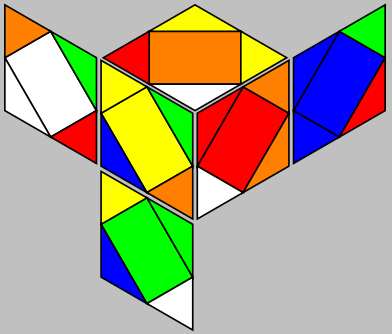
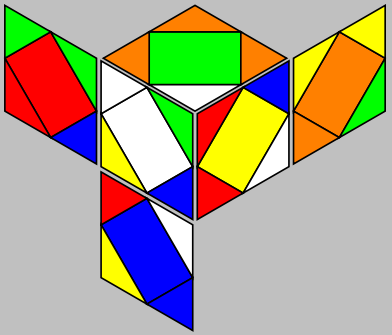
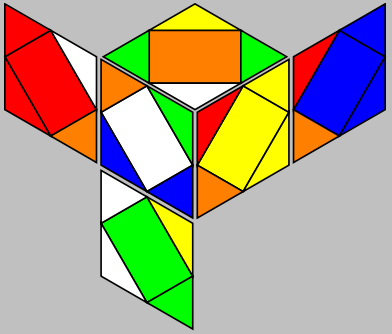
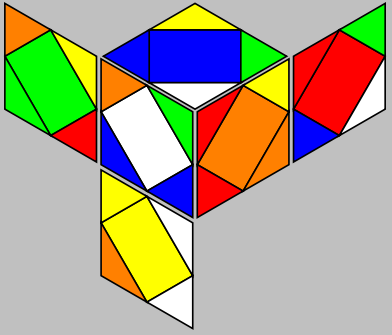
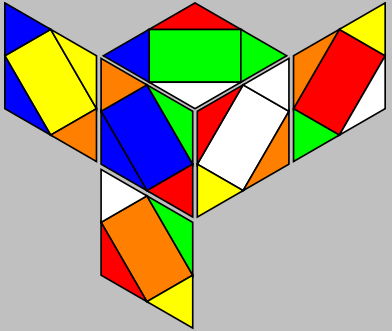
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2.	$F'$ $D'$ $F$ $B$ $R'$ $U^2$ $R$ $B^2$ $D'$ $R^2$ $U'$ $L$ $D^2$ $B^2$ $L'$ $B^2$	
3.	$B^2$ $U$ $R^2$ $B^2$ $L^2$ $R^2$ $U$ $B^2$ $D$ $L$ $U^2$ $L^2$ $U'$ $R'$ $U'$ $F'$ $R'$ $D$ $F$	
4.	$U^2$ $L'$ $U^2$ $L$ $U^2$ $R$ $U^2$ $F^2$ $L$ $B$ $F^2$ $D^2$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

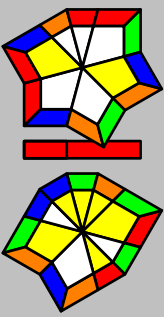
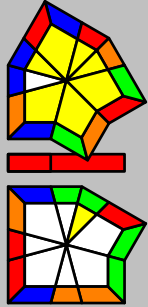
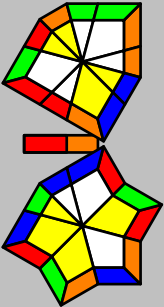
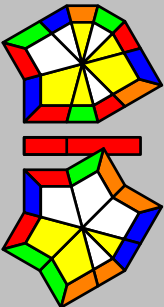
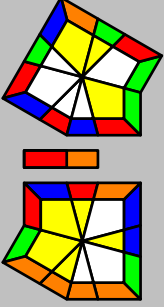


2019-05-29

pyram  
Scrambles for 2019-05-29

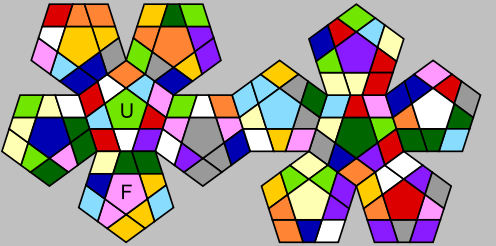
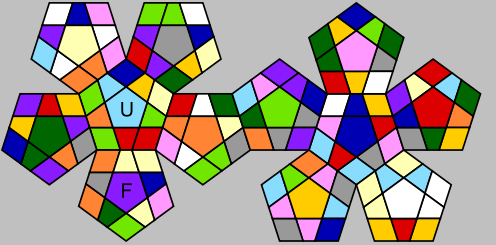
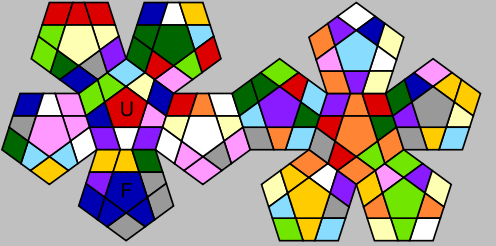
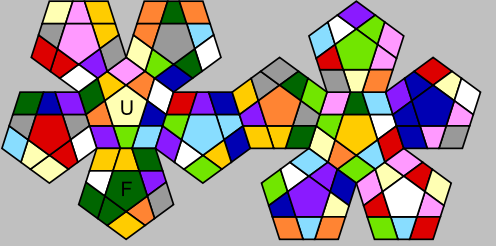
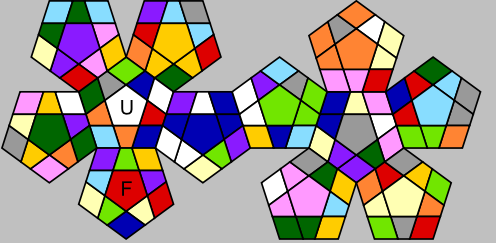
1.	R' U B' R' U' R' L' R' B' U' L u l r' b	
2.	B U L' U' L' B L U' L' R U u' l r	
3.	R L B R' U B' U R L R' B' u l' r b	
4.	R B' L U B' L U B' L' B L u r	
5.	R' B' U' R L B L' B U' L' U' u l r' b'	

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

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

2019-05-29

minx  
Scrambles for 2019-05-29

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

2019-05-29

 clock  
 Scrambles for 2019-05-29

1.	UR3-    DR2-    DL1-    UL5- U1-    R4+    D2+    L1+ ALL3+   y2    U2-    R5- D1+    L2+    ALL3-    UR DR    DL    UL	
2.	UR0+    DR0+    DL5-    UL1+ U5+    R4-    D2+    L3- ALL4-   y2    U1-    R3- D0+    L1-    ALL4-    DL	
3.	UR5-    DR4-    DL5-    UL5+ U2-    R5+    D3-    L4+ ALL3-   y2    U4-    R4- D2-    L3+    ALL0+    UR DL    UL	
4.	UR4-    DR2-    DL4+    UL1- U5-    R5+    D3+    L3+ ALL1-   y2    U6+    R6+ D3-    L1-    ALL4-    DR DL	
5.	UR2-    DR1+    DL4+    UL3- U3+    R1+    D0+    L2- ALL5+   y2    U1-    R2+ D4-    L3+    ALL2+    UR DL	

## Fewest Moves

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

## Face Moves

Clockwise	F	R	U	B	L	D
Counter-clockwise	F'	R'	U'	B'	L'	D'
Double	F2	R2	U2	B2	L2	D2

## Rotations

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

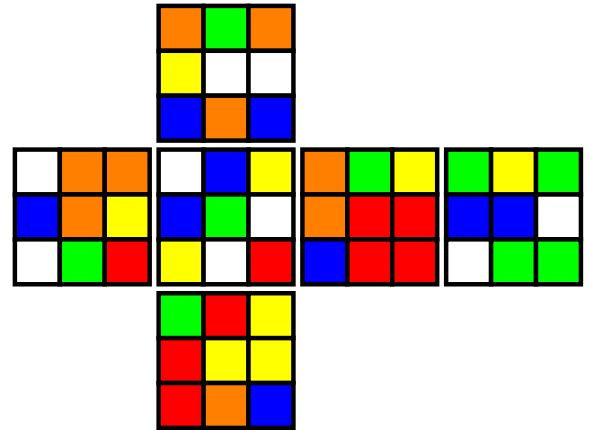
Scrambles for 2019-05-29  
333fm

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

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

DO NOT FILL IF YOU ARE THE COMPETITOR.

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



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

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

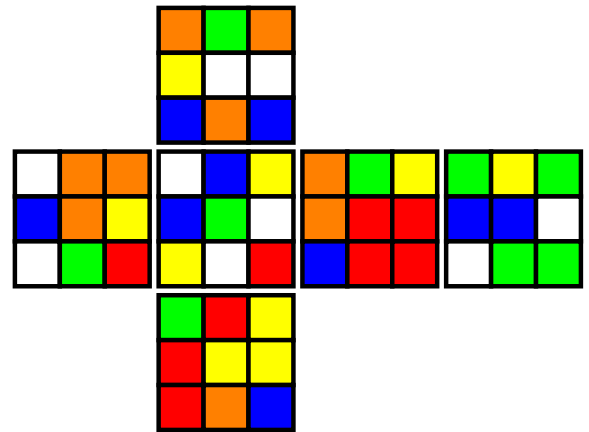
Scrambles for 2019-05-29  
333fm

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

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

DO NOT FILL IF YOU ARE THE COMPETITOR.

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

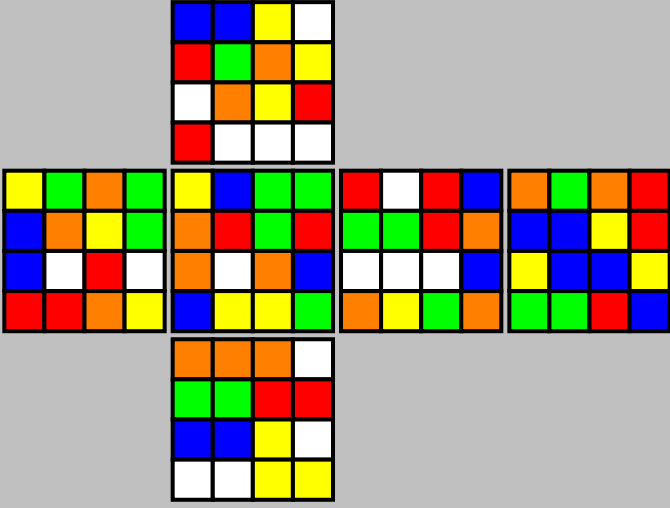
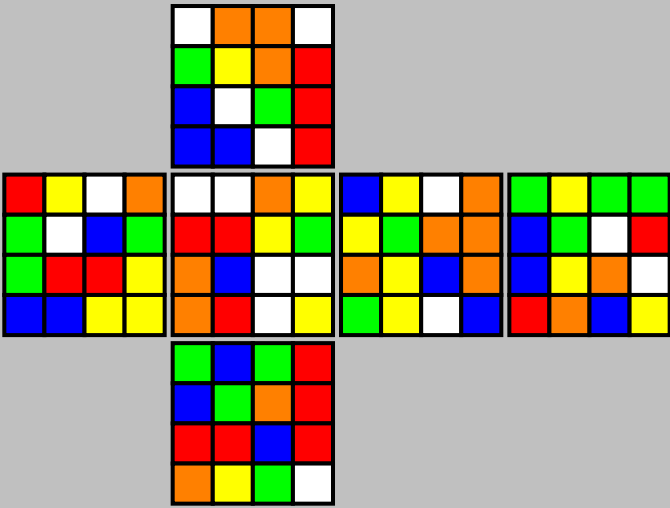
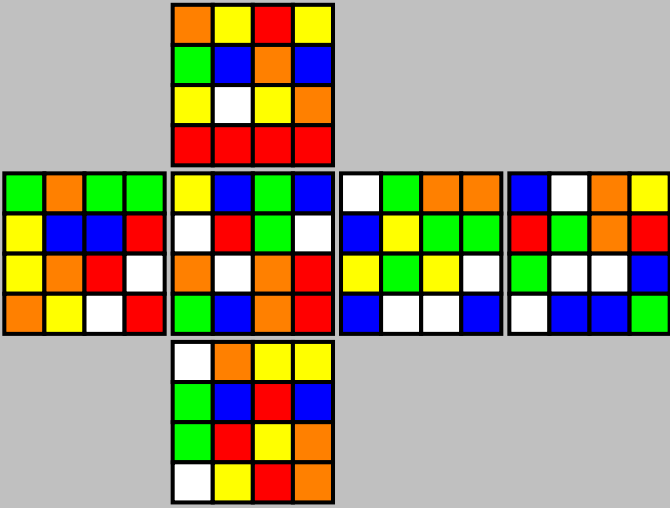


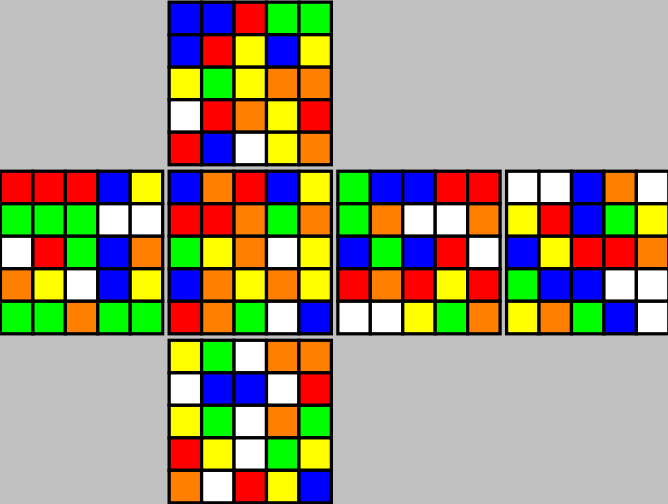
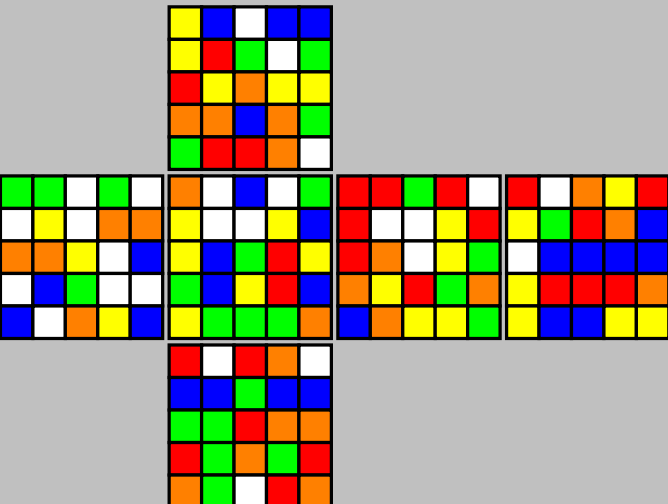
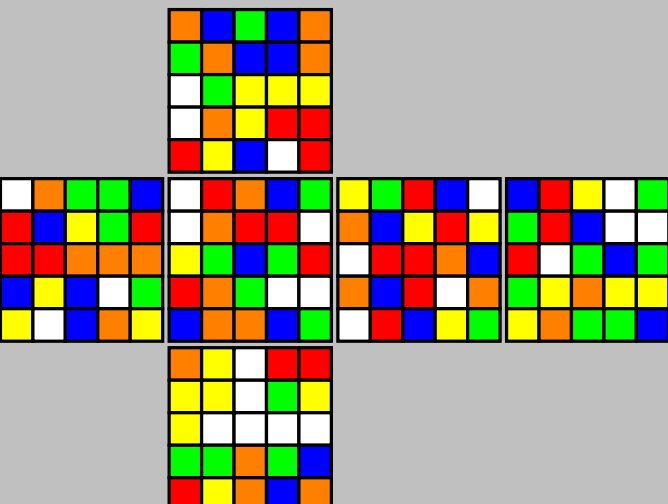
Scramble: R' U' F R2 B' R2 U2 R2 B2 R2 B' F R' U2 B R F2 R F2 D' B2 F2 D R' U' F

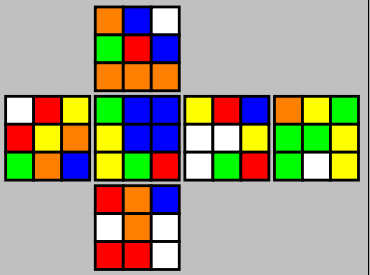
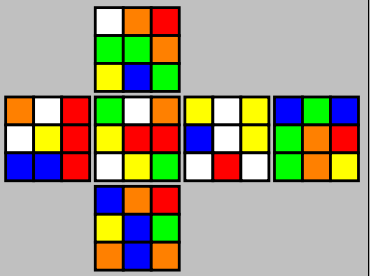
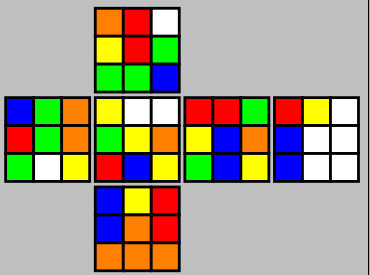
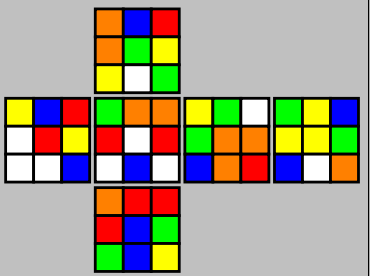
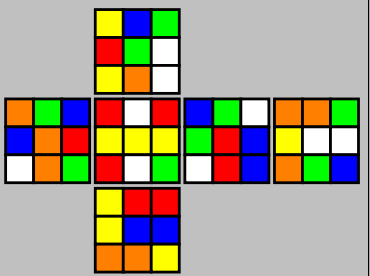
This image shows a full page of blank graph paper. The grid consists of horizontal and vertical lines spaced evenly across the page, creating a series of small squares. The lines are thin and light gray, set against a slightly darker gray background. There are no margins, text, or other markings on the page.

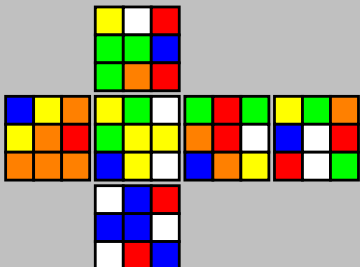
1.	<p>F2 D2 R' F2 D2 U2 L2 R'</p> <p>U2 L' F U2 F2 D R U'</p> <p>F' R U2 B2</p>	
2.	<p>R B2 D2 U2 R U2 R2 U2</p> <p>F2 L' F' L U' B U' B2</p> <p>U R</p>	
3.	<p>D U2 L2 F2 R2 U' R2 B'</p> <p>R2 D' R' B L2 R D F2</p> <p>D L2</p>	
4.	<p>L F2 R F2 D' F' D' B</p> <p>U' F U D R2 F2 U B2</p> <p>D2</p>	
5.	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



1.	R2 B2 U2 B' R2 D2 R2 F2 D2 L' B L2 U2 R2 D L' D R' D B Uw2 L2 F' Rw2 F Rw2 D B' Rw2 U2 D' F Rw U' B U' Fw' Uw' Fw2 Rw' B2 R' Uw L' x2 y'	
2.	B2 R' F2 L B2 L' U2 L D B' L2 U F2 D' R2 B L' F2 R Fw2 R' B L Fw2 R F' Uw2 Rw2 L2 B2 Uw2 F' Uw F R2 U2 L2 Rw Fw2 F2 R2 Uw Fw' Uw' U x' y2	
3.	R' F2 D' R2 B D' F L F R D' U' F2 D U L2 F2 U L2 Rw2 Fw2 D' F' R2 D U' F L2 Fw2 Rw Uw2 Rw D' F' Uw2 Fw' Uw R' F Uw' Rw' F' x	

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

6.	<div>L2 R' B2 L U2 L F2 D2 U</div> <div>L' F2 L2 R' F L2 U R F2</div> <div>Rw</div>	
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