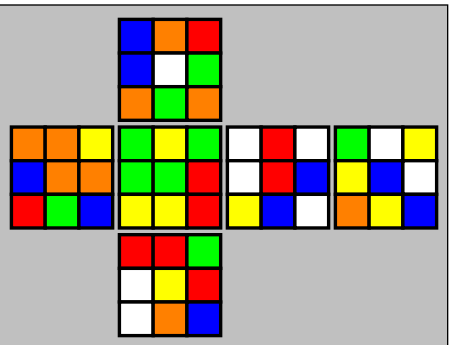
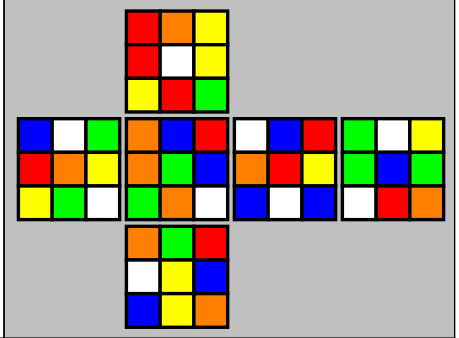
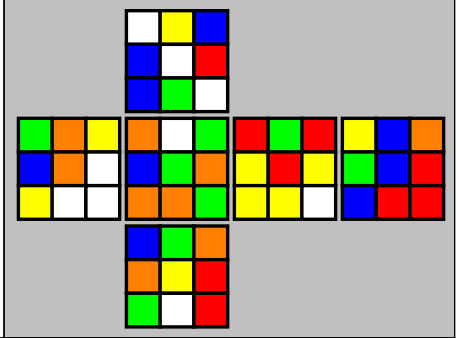
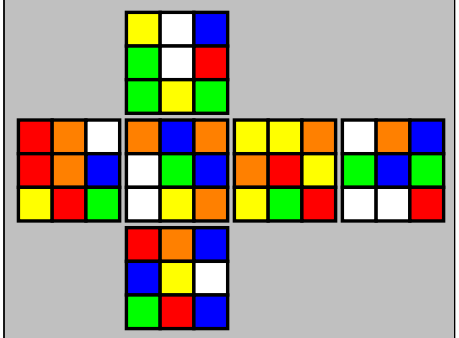
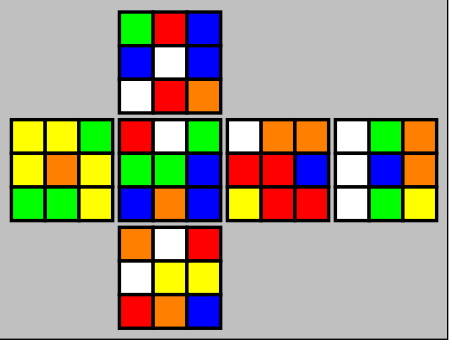
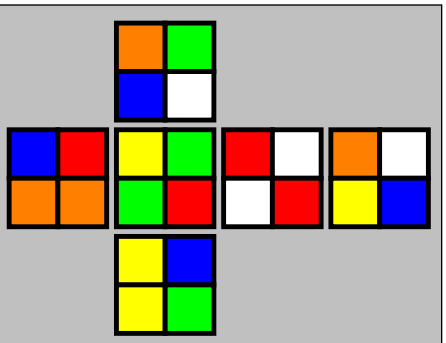
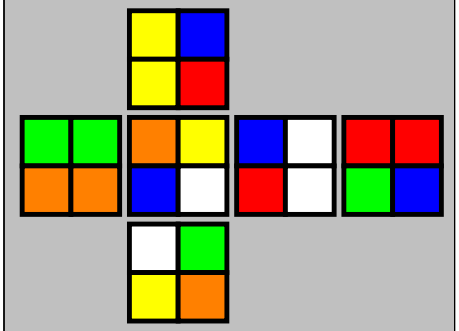
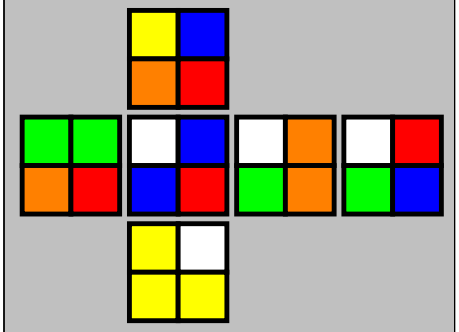
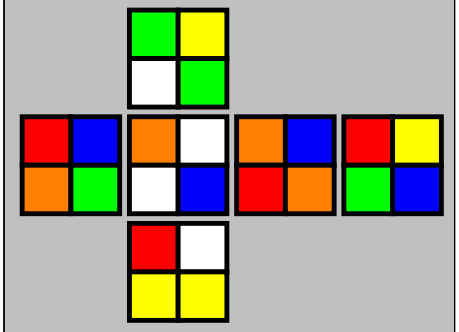
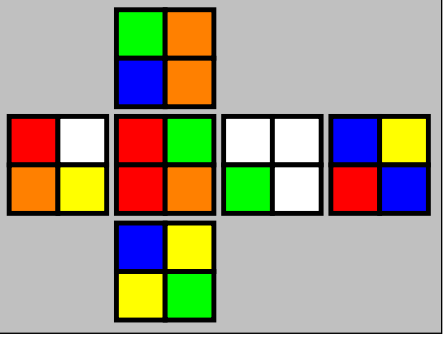
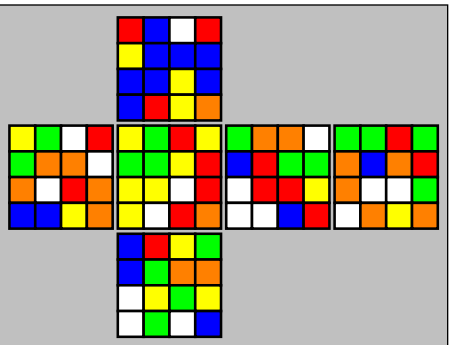
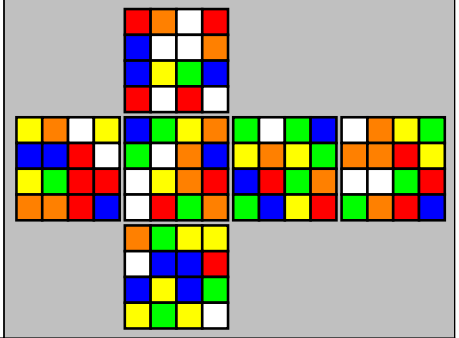
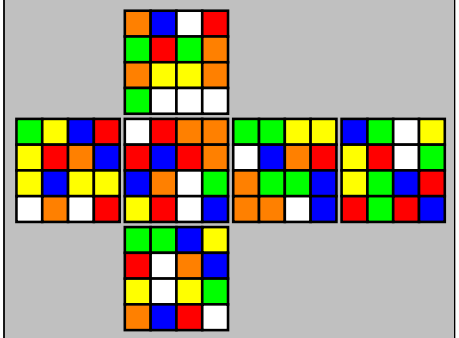
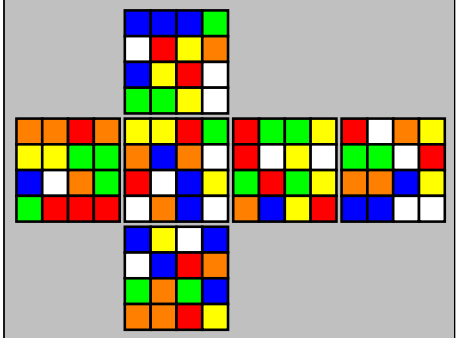
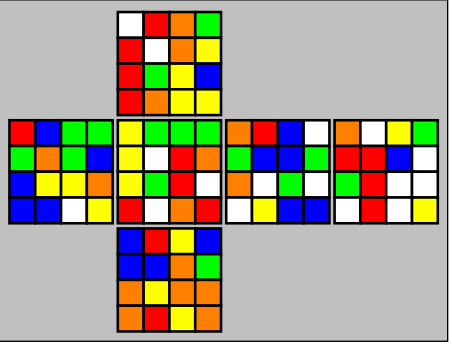
1.	U F2 U L2 U' R2 D' U2 F2 D2 L2 B U2 L' R D' F2 U' L' U' F	
2.	U' L' F D2 B D' R U2 F2 U' B2 R' D2 L' B2 U2 F2 R2 F2	
3.	U2 B U2 L' D B' U L F B D F B L2 B2 R2 B2 D2	
4.	U F2 R' F' L' F D' L2 B' L' D' F2 L2 U2 L2 U2 B R2	
5.	D L2 D2 U' B2 D' L2 U2 B' R' D2 F2 L D2 B L U2 B2	

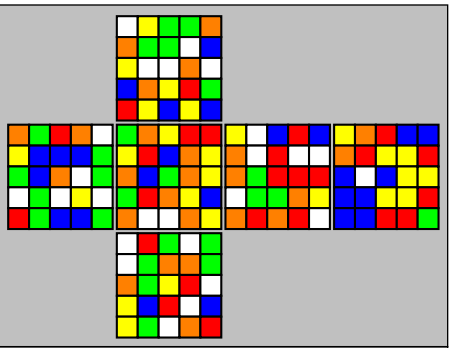
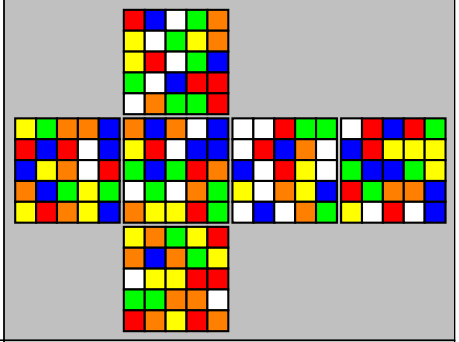
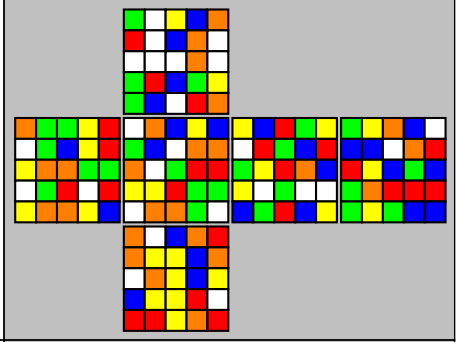
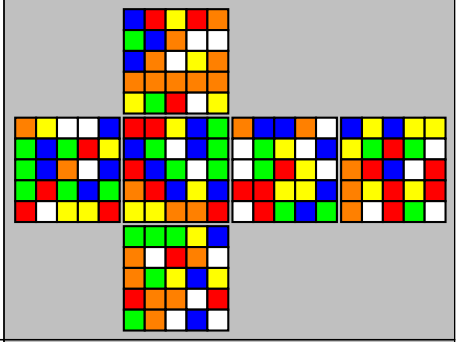
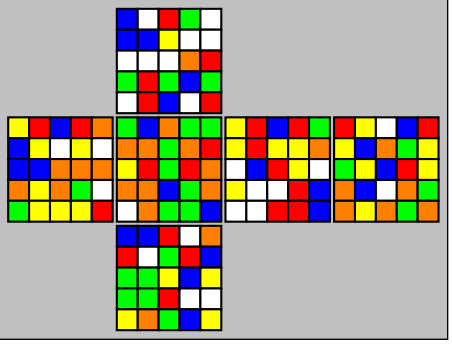
Scrambles for 2019-05-26

1.	U2 R' U R U' R' U2 F' U F U'	
2.	R U2 F' R2 U2 F U2 F' R U' R	
3.	R' F' R U' R F' U' F' U2 F' U'	
4.	U R U' R2 F R' F R2 U2 F U'	
5.	R U2 R' U F R2 U' R2 F U' R	

Scrambles for 2019-05-26

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

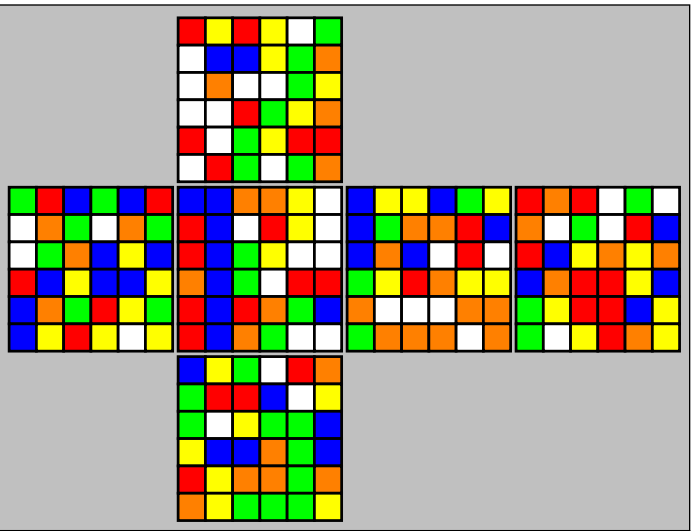
555
Scrambles for 2019-05-26

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

Scrambles for 2019-05-26

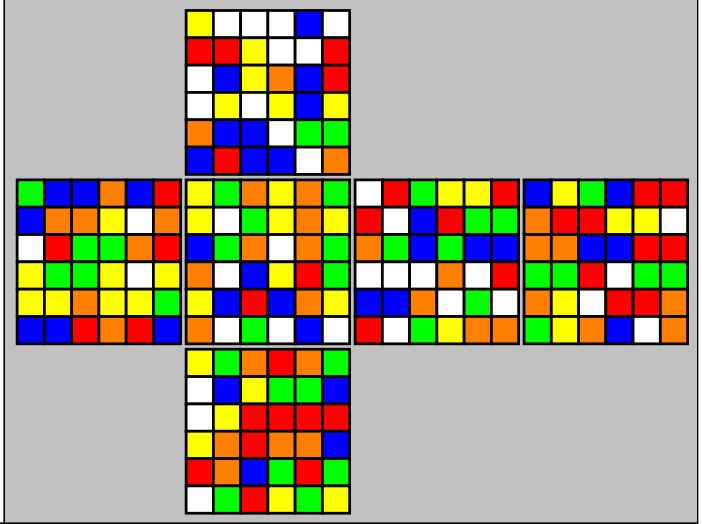
1.

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



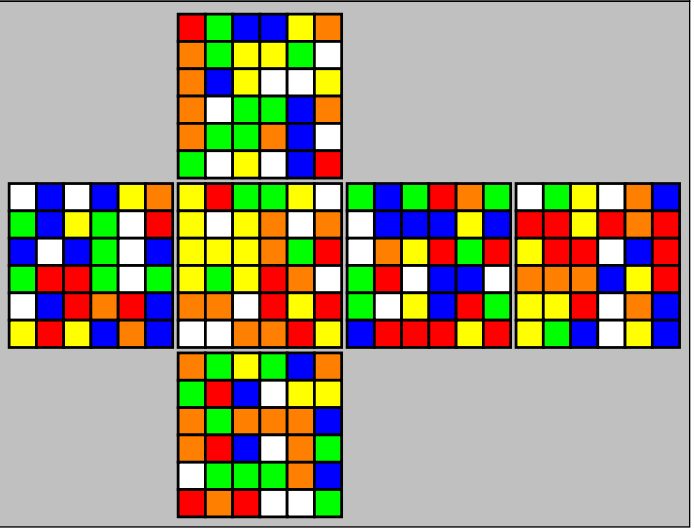
2.

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



3.

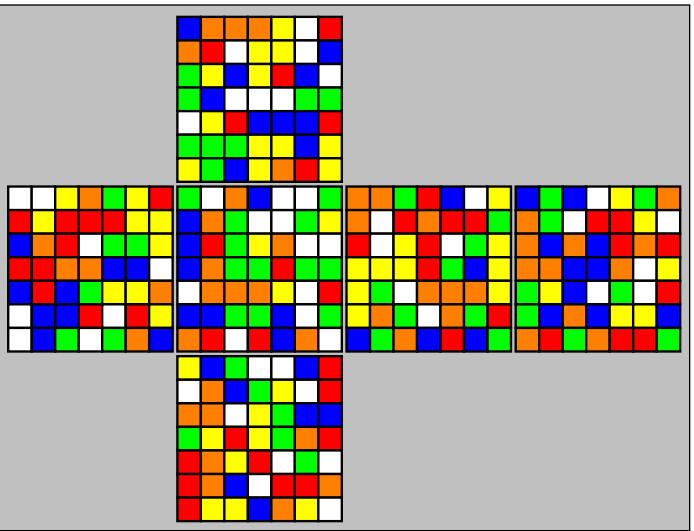
Fw'	U	F2	B'	3Rw	F'
D2	Lw'	Dw	Rw2	Uw2	Fw2
D'	Fw'	D	L'	Rw'	3Fw2
Dw	Lw'	U	F'	U2	3Fw'
D2	Rw	3Rw2	Bw	U'	R
D2	Lw'	Rw	Uw2	3Uw	B2
Bw2	R	Bw'	Rw'	Bw	Lw'
3Fw'	Bw'	U'	3Uw	3Fw	3Uw'
Uw2	F2	3Fw2	L'	3Rw'	3Uw'
B2	L'	3Uw	Dw'	F'	B
U2	Uw2	F	3Rw	B	Fw2
3Rw2	D	B	Lw'	Dw	D'
Uw	U2	B'	3Uw	3Rw2	F
3Rw	D				



Scrambles for 2019-05-26

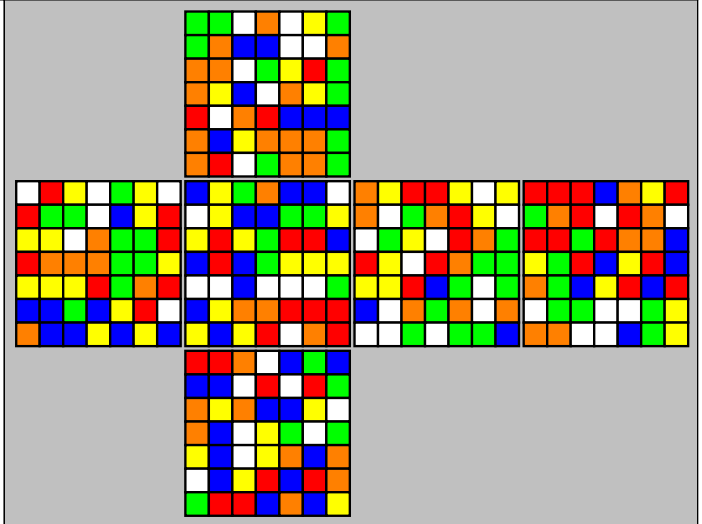
1.

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



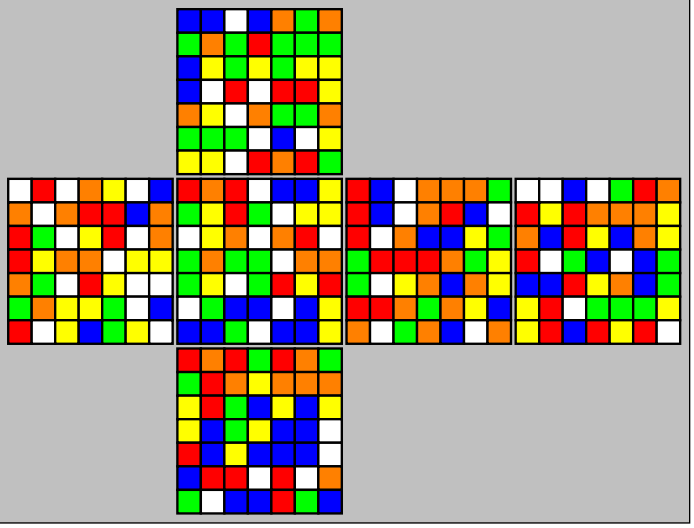
2.

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

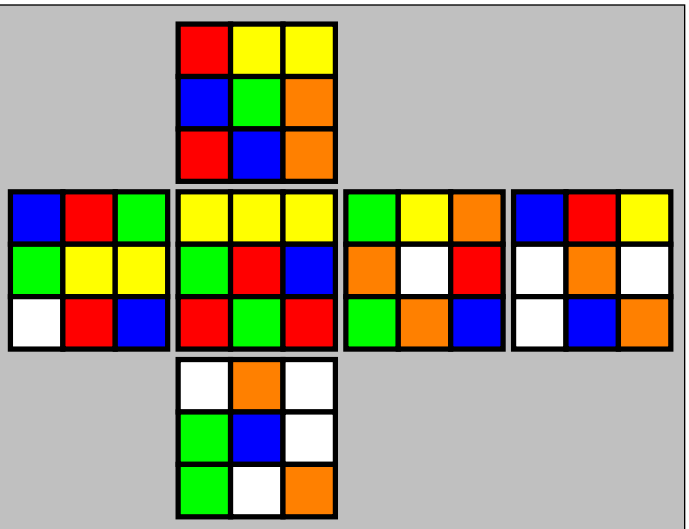
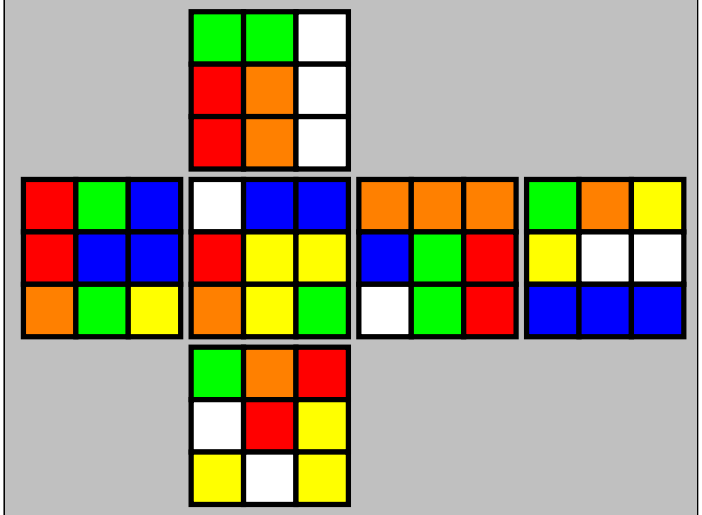
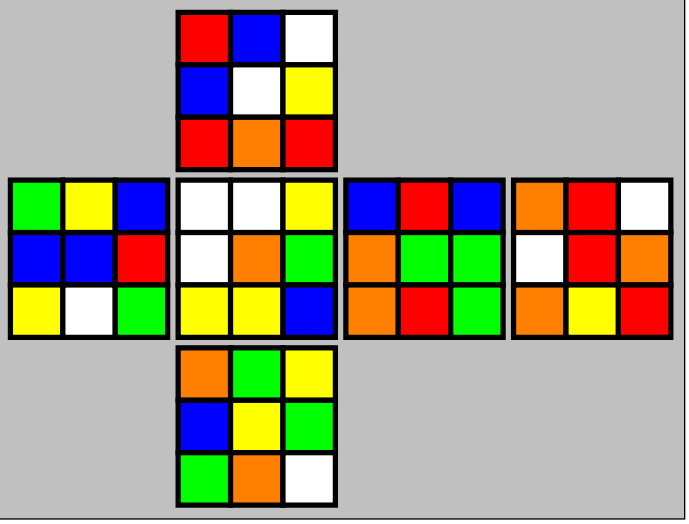


3.

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

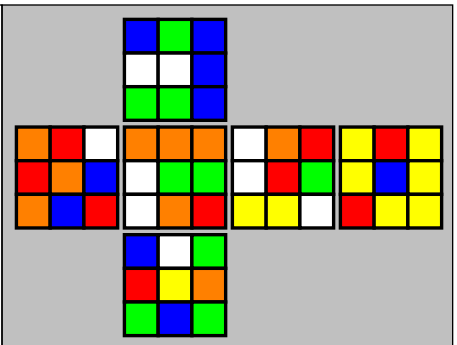
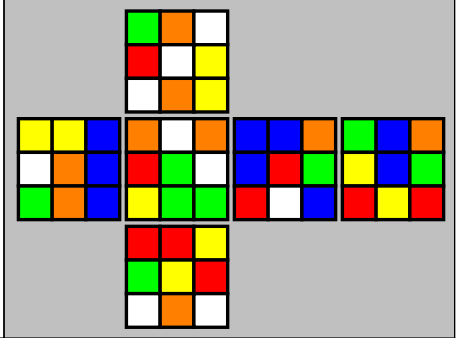
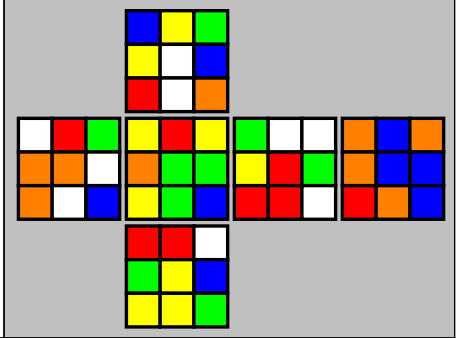
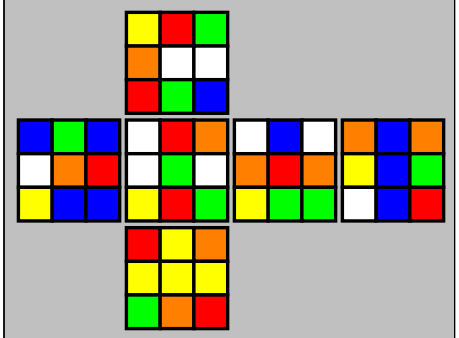
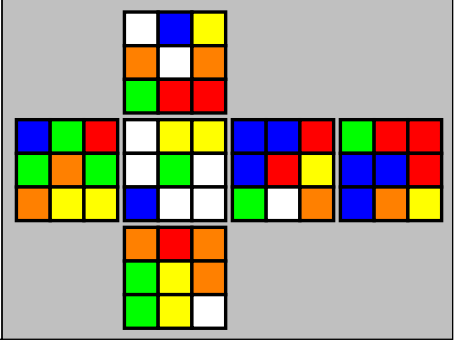


333bf
Scrambles for 2019-05-26

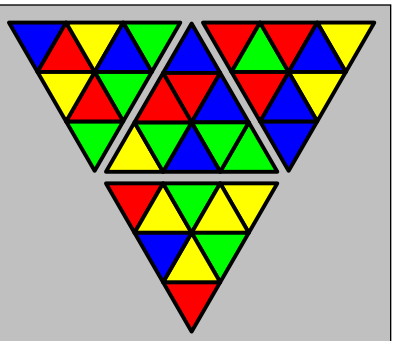
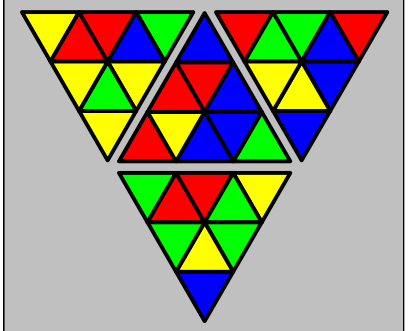
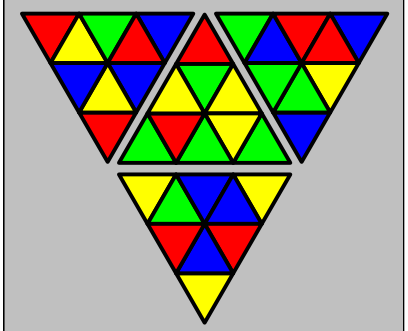
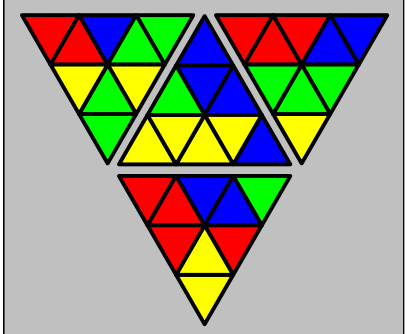
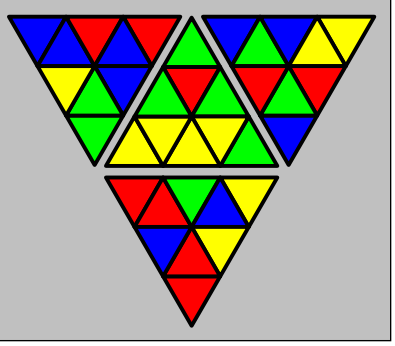
1.	L2 F' R2 F2 L2 D2 R2 B' D F' U R2 U B2 D R F D2 U' Rw Uw	
2.	F' L2 D2 F U2 F U2 R' F R' D2 U2 L2 D' B' F2 L2 R' Fw Uw'	
3.	D2 R2 U F2 D' B2 U2 F' U B2 R' D2 R2 B2 F R B' L R' Uw'	

2019-05-26

333oh
Scrambles for 2019-05-26

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

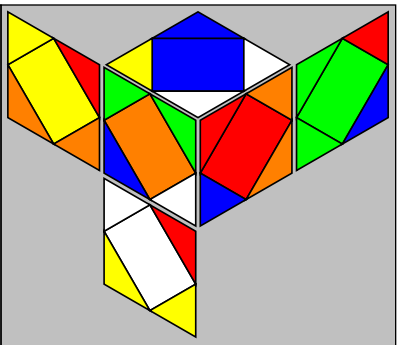
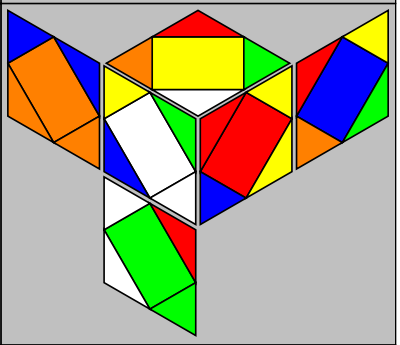
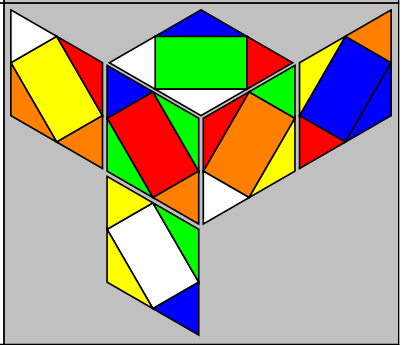
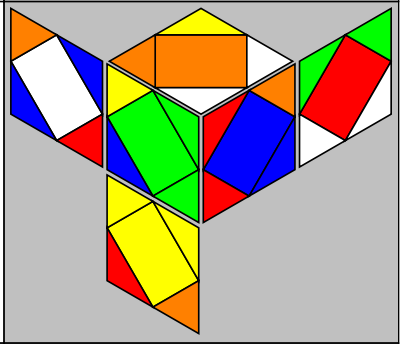
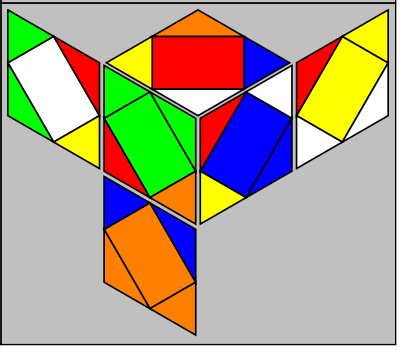
pyram
Scrambles for 2019-05-26

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

2019-05-26

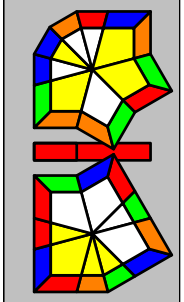
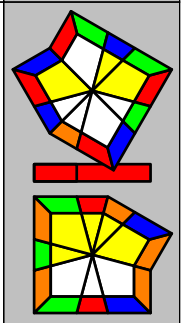
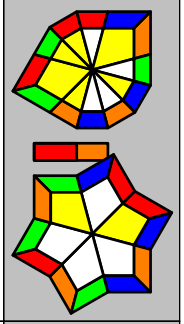
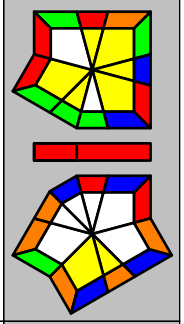
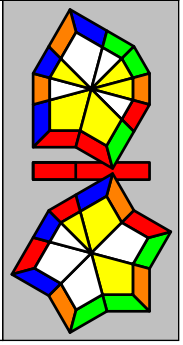
skewb

Scrambles for 2019-05-26

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

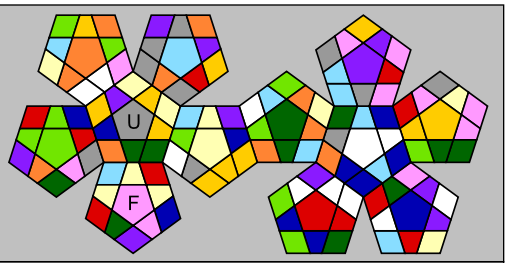
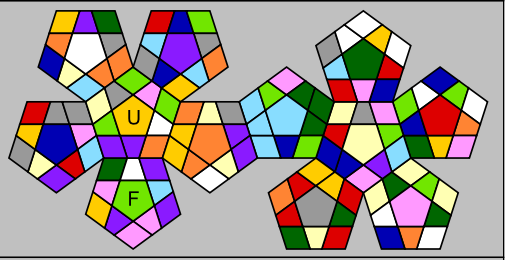
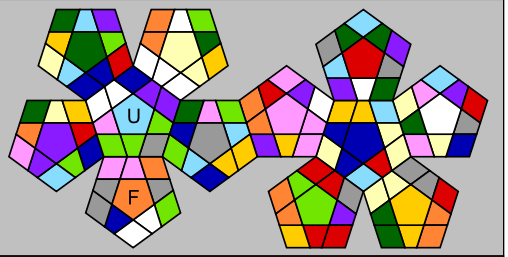
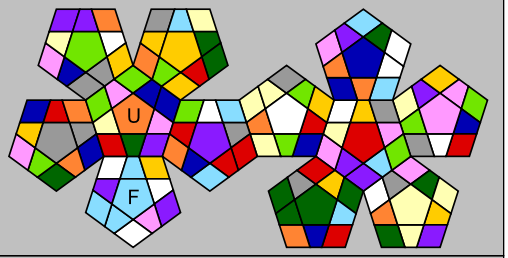
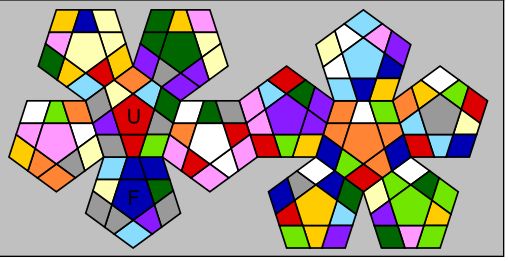
sq1

Scrambles for 2019-05-26

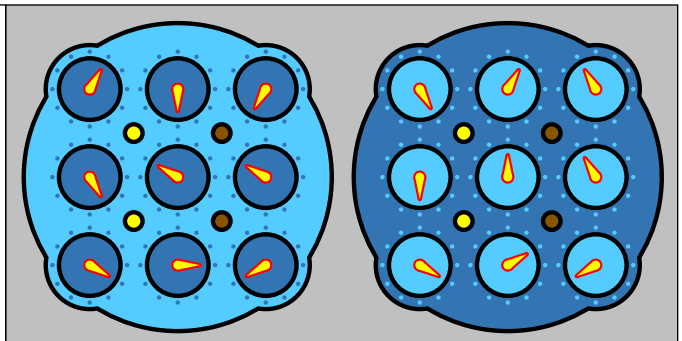
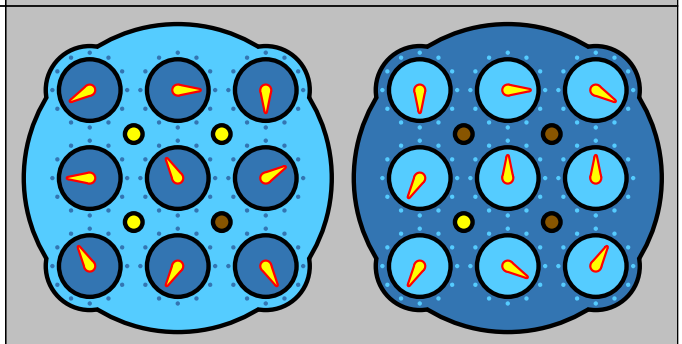
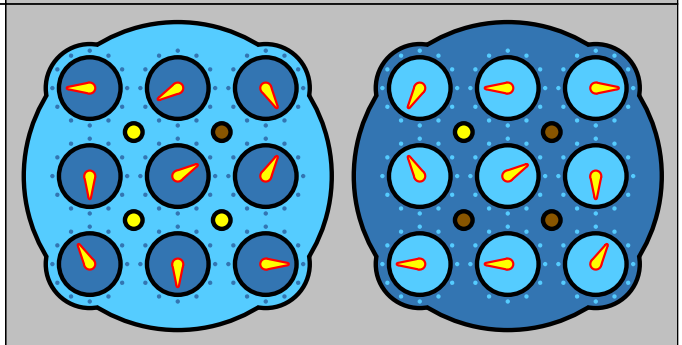
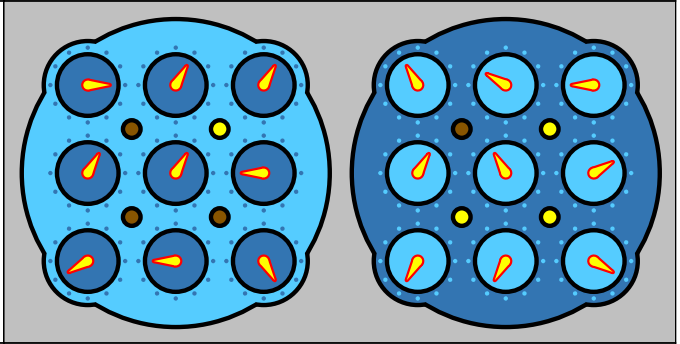
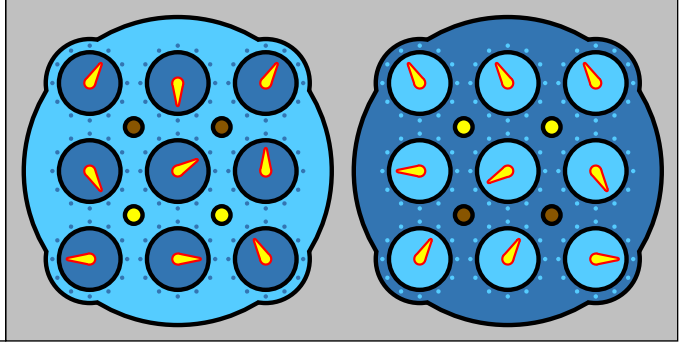
1.	(1,0) / (5,-1) / (-3,0) / (1,-5) / (-3,0) / (5,-1) / (4,0) / (0,-3) / (3,0) / (-2,-4) / (-2,0) / (2,-2) / (-4,0)	
2.	(-5,-3) / (-4,5) / (3,0) / (-2,-2) / (5,-3) / (6,-3) / (-4,-3) / (-4,-3) / (0,-2) / (2,0) / (-2,0)	
3.	(3,-4) / (-2,1) / (-4,-1) / (4,-5) / (5,0) / (0,-3) / (-2,-1) / (3,-2) / (-2,-3)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

2019-05-26

minx
Scrambles for 2019-05-26

1.	R++ D++ R-- D++ R-- D++ R++ D-- R++ D-- U' R-- D++ R-- D++ R-- D-- R++ D++ R-- D-- U' R-- D++ R++ D++ R-- D++ R-- D-- R++ D-- U' R-- D-- R++ D++ R++ D-- R++ D-- R-- D++ U R-- D++ R-- D++ R++ D-- R-- D-- R-- D++ U R-- D-- R-- D-- R++ D++ R++ D++ R++ D-- U' R-- D-- R-- D-- R-- D-- R++ D-- R-- D++ U	
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	

clock
Scrambles for 2019-05-26

1.	UR1- DR4+ DL0+ UL5+ U6+ R3+ D5- L4- ALL4+ y2 U5- R5+ D4+ L0+ ALL6+ DL UL	
2.	UR6+ DR2+ DL2+ UL2+ U0+ R3- D5+ L4- ALL2+ y2 U4+ R2+ D4- L3- ALL0+ UR DL UL	
3.	UR4- DR4- DL2+ UL2- U1- R1- D5- L4- ALL3- y2 U4- R4- D6+ L1+ ALL3+ DR DL UL	
4.	UR3+ DR4- DL3- UL3+ U2- R1- D4- L3- ALL2- y2 U4+ R0+ D0+ L4+ ALL5+ UR	
5.	UR0+ DR3+ DL0+ UL1- U4- R4- D6+ L4+ ALL4+ y2 U1- R3- D4- L2+ ALL4- DR 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]

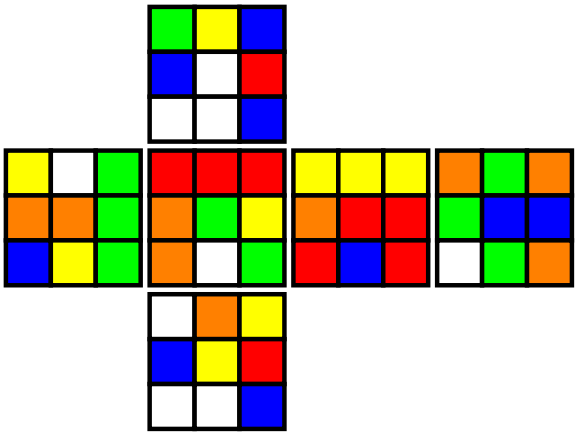
Scrambles for 2019-05-26
333fm

Competitor: _____

WCA ID: __ __ __ __ __ __ __ __ __ __

DO NOT FILL IF YOU ARE THE COMPETITOR.

Graded by: _____ Result: ____



Scramble: R' U' F L2 B2 R2 U' B2 D' F2 U' B2 U B' F' L D' L2 R U2 B R D R' U' F

____ ____ ____ ____ ____ ____ ____ ____ ____ ____

____ ____ ____ ____ ____ ____ ____ ____ ____ ____

____ ____ ____ ____ ____ ____ ____ ____ ____ ____

____ ____ ____ ____ ____ ____ ____ ____ ____ ____

____ ____ ____ ____ ____ ____ ____ ____ ____ ____

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____ ____ ____ ____ ____ ____ ____ ____ ____ ____

____ ____ ____ ____ ____ ____ ____ ____ ____ ____

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]

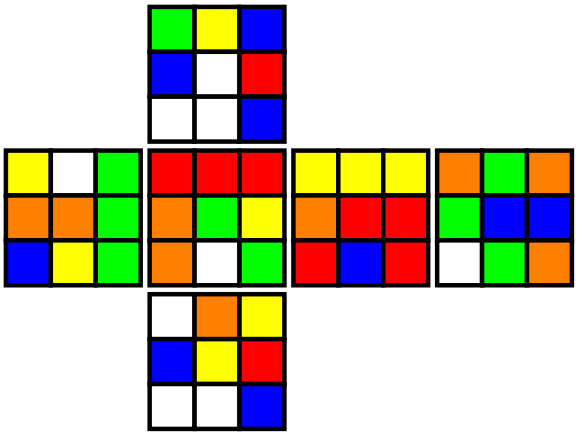
Scrambles for 2019-05-26
333fm

Competitor: _____

WCA ID: __ __ __ __ __ __ __ __ __ __

DO NOT FILL IF YOU ARE THE COMPETITOR.

Graded by: _____ Result: ____



Scramble: R' U' F L2 B2 R2 U' B2 D' F2 U' B2 U B' F' L D' L2 R U2 B R D R' U' F

____ ____ ____ ____ ____ ____ ____ ____ ____ ____

____ ____ ____ ____ ____ ____ ____ ____ ____ ____

____ ____ ____ ____ ____ ____ ____ ____ ____ ____

____ ____ ____ ____ ____ ____ ____ ____ ____ ____

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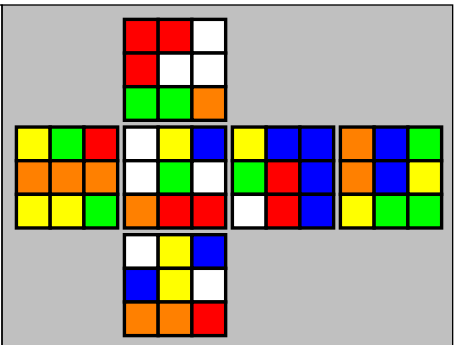
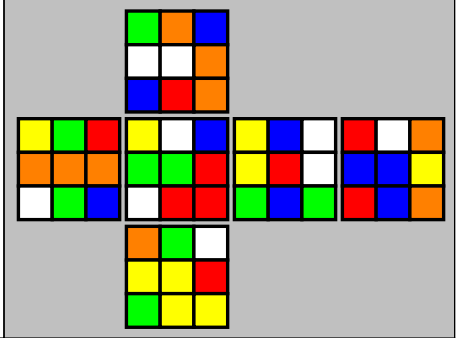
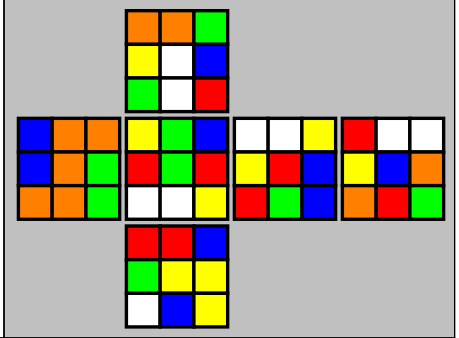
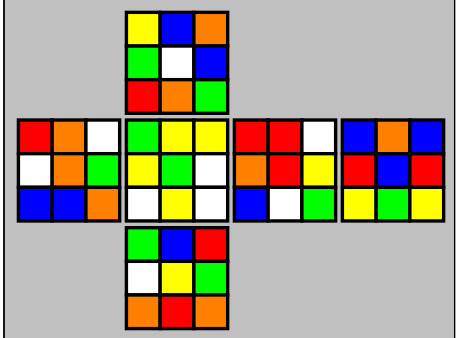
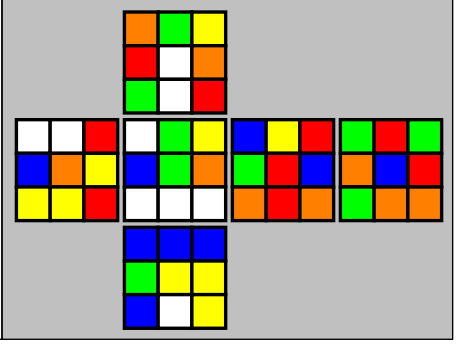
____ ____ ____ ____ ____ ____ ____ ____ ____ ____

____ ____ ____ ____ ____ ____ ____ ____ ____ ____

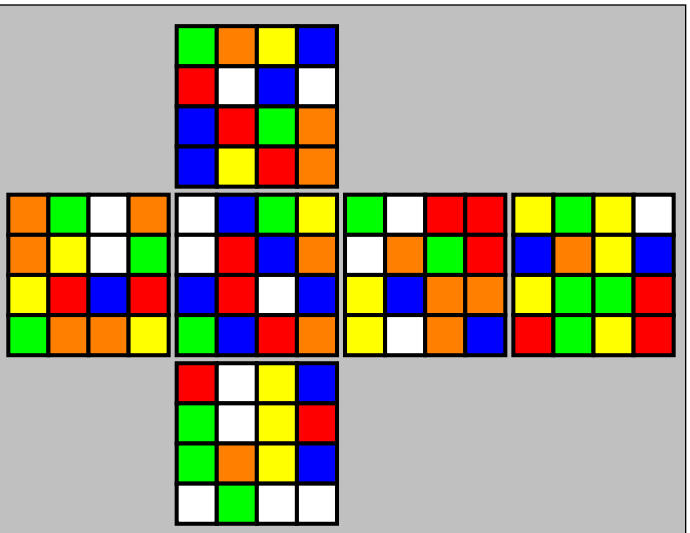
333ft
Scrambles for 2019-05-26

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

444bf
Scrambles for 2019-05-26

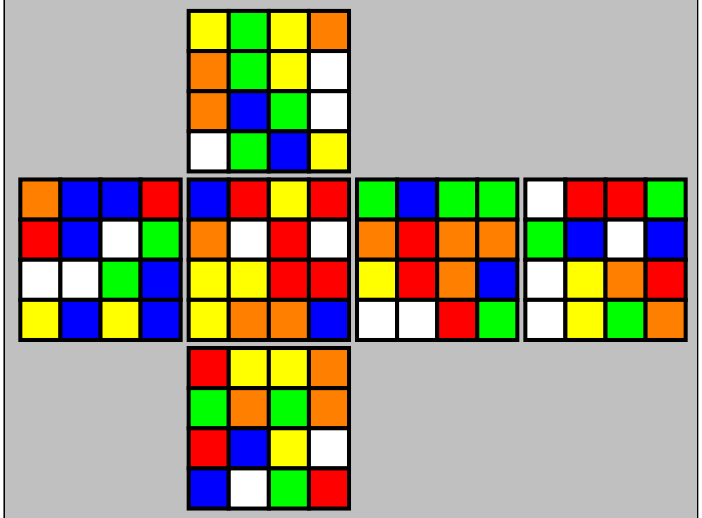
1.

U2 F2 R2 U' B2
D' L2 R2 F2 L2
U2 B U R F2
B' U D' F' B'
D Rw2 B' D Rw2
L2 Uw2 D Fw2 U
F Rw2 L B' Rw'
D L2 Uw Fw U'
B' L Uw D' B2
x2



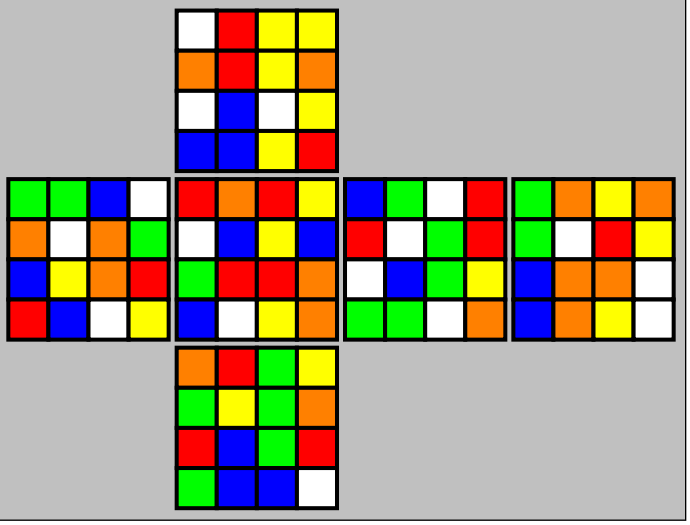
2.

D' B2 U' B2 D
R2 B2 D' F' D
R B2 R U' F2
D' F U' L Uw2
F' Rw2 Uw2 R2 U
B' R2 D2 B D'
B2 Rw B' Uw2 Fw'
U2 Fw2 R' Uw' R2
F' D' z' y2



3.

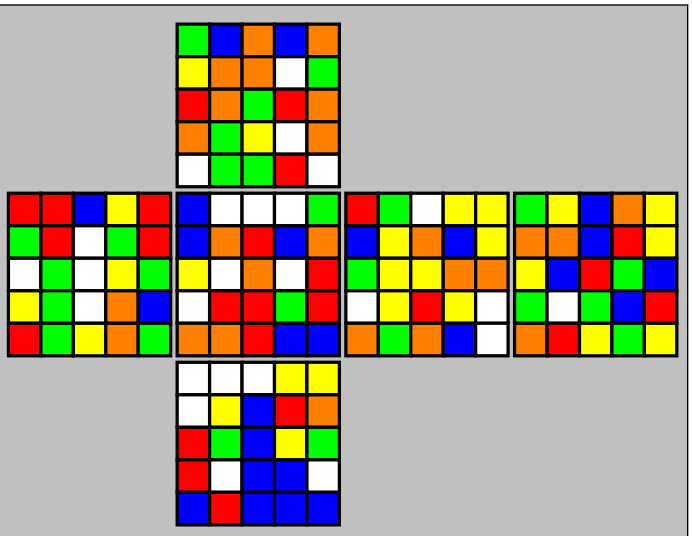
L2 R2 U2 R2 F
U2 F' R2 D L
R' F' U' D2 B2
D B' F' R' Fw2
Rw2 F' D2 B D
Rw2 F' D Rw2 U'
F Rw B D' R2
D2 F R' Fw Uw'
Fw F Uw' U' y



555bf
Scrambles for 2019-05-26

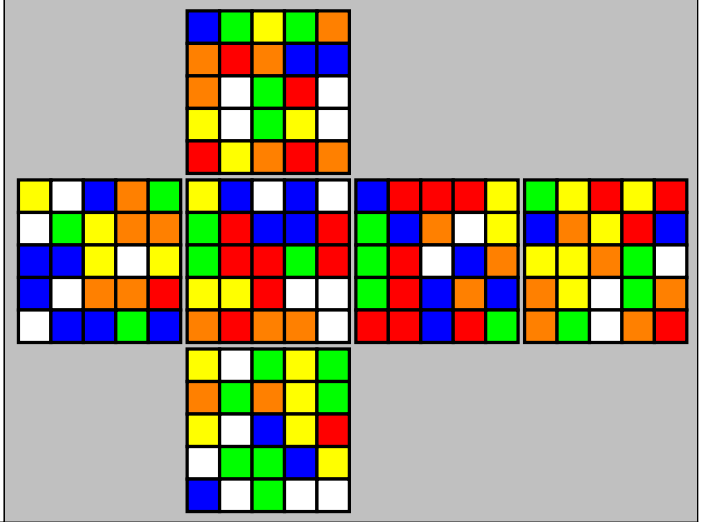
1.

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



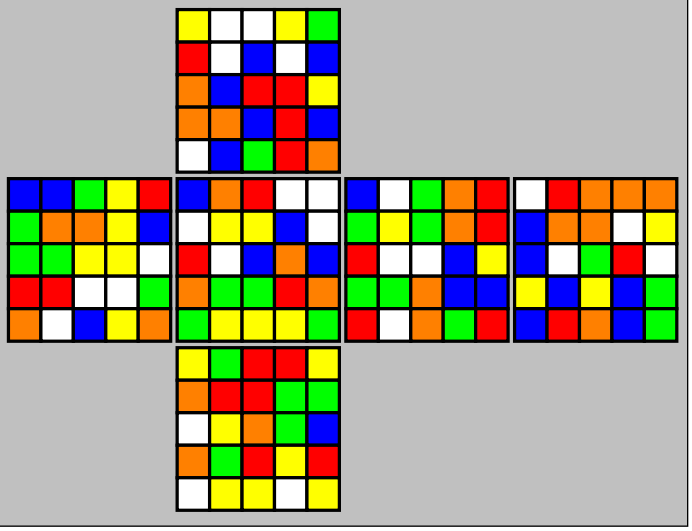
2.

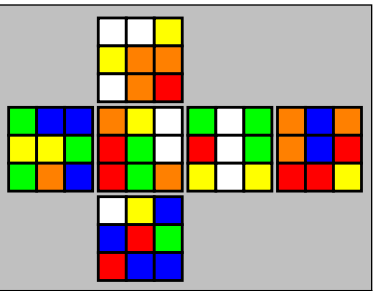
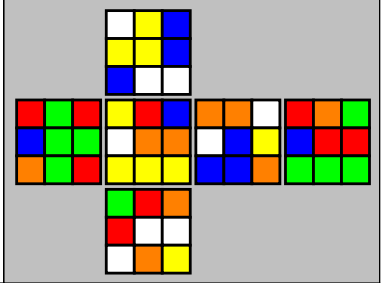
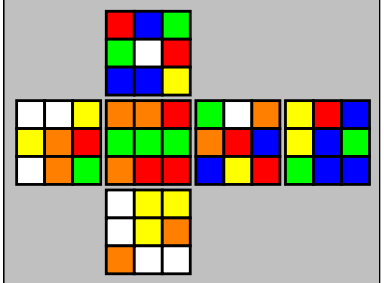
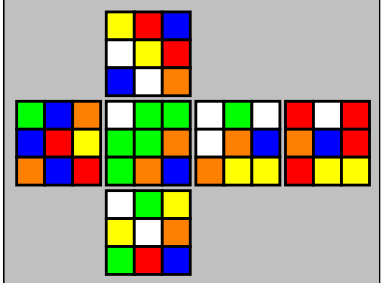
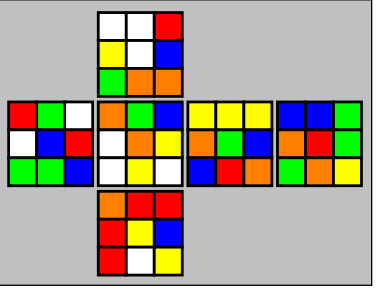
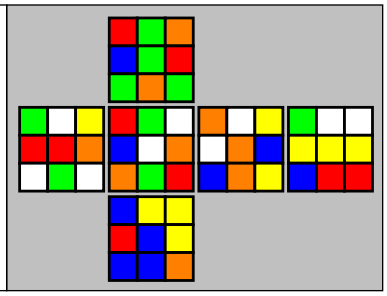
Rw2 U' L B' Uw' L2
R B' F' D U' Lw'
L D2 U Fw' D2 Fw'
Dw' L' R U' L' D'
Lw2 F2 Fw R' Fw2 D'
U' B2 L' Uw U' L'
Dw' R2 Fw B' U R2
Fw' Rw F2 D' R' Bw
L' D' B2 Uw Rw2 Lw'
Fw' U' Dw2 Rw' D B
3Rw 3Uw



3.

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



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

6.	D B2 D2 B2 L2 R2 D U2 L' R U F U2 L2 D L B' L' R U' Rw Uw2