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

1.	U' R' F' R2 U' R' U2 R' U2 F2 R	
2.	R' F' U' R2 U2 R' U2 R' U2 R U'	
3.	U' R' U' F R2 U2 R2 U' F R' U'	
4.	R U2 R2 U' R U2 R F' R2 F U'	
5.	R U' R2 U2 F U' R' U F' U' R	

444 Scrambles for 2019-05-27

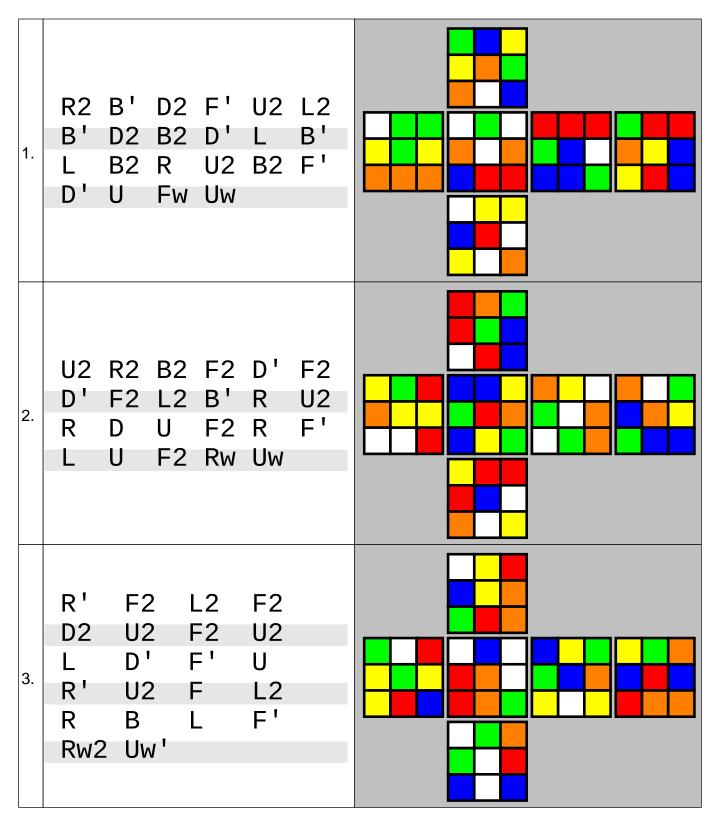
					- I	-	D I	
	L	Uw'	U	F'	D'	F2 .	R'	
	D' .	Uw	В	R'	D'	Fw'	Rw'	
1.	Uw'	F .	FW	B2	R2	D	В'	
	R'	Uw'	U'.	Fw2	R	Rw	В	
	D'	F'	Rw'	D'.	Uw	L2	D	
	FW	В	U2	Uw'	Rw2			
	L'	Uw	Fw2	U	D'	R2	В'	
	F	Uw	F	В	R2	B2	L2	
	D	L	U2	Rw'	R2	L'	B2	
2.	Uw'	F	B2	L'	U	R	Uw2	
	D	Rw'	U'	Rw'	U	Fw'	R'	
	D	F'	D'	L'	В'			
	R2	D2	L	B'	Fw2	Uw'	U'	
	D	F'	_ L2	U'	D'	R'	B'	
	L	Uw	Fw'	D'	U	R	F	
3.	– Uw	L'	Fw	F	L	B2	D'	
	L	Fw2	D2	L	– Uw'		Uw2	
	Ū'	R'	B2	D	R			
	Rw	Uw2		F	Rw	L'	R2	
	FW	U	D	Fw'	Uw2	F	R	
	I VV	F	D2	U'	UW	F	L'	
4.	Fw2	D	R'	L2	U'	Uw2		
	R2	Uw'	F2	R'	Uw2		U	
	L2	F'	D2	R	U		U	
						D.I.	F O	
	FW	R2	F	D2	Uw'	B'	Fw2	
	R	UW	R	Rw	L2	B2	F'	
5.	Fw2	UW	F'	L'	FW	L	D	
	B2	RW	R2	U D: /	Uw	B'	Uw2	
	F	D'	Fw'	RW	L'	Fw	Rw2	
	D'	L'	Uw'	U'	F2			

1.	B2 R L2 D2 Dw' F' D2	Lw2 Uw' F' L2 Fw2 R2 Bw'	L2 Lw Fw Rw' Dw Bw' R2	RW DW2 RW LW2 RW F2 FW	R2 Bw U' D' U L2 Uw'	F' R F' R2 Rw F	Rw' U' B' Fw F Lw'	R Uw' U F Dw2 F	Dw2 Bw2 Rw U' B	
2.	Lw2 Uw Fw2 L' D' Fw2 R'	Uw B Rw Lw2 Dw' F	F2 Uw' Lw2 Bw L' B' U	Uw' R Dw2 D' F' L' Rw'	Lw' U L' Dw' Fw2 Uw2 Uw2	L D' R2 Uw D' U2 R2	RW Bw' Dw2 Lw2 R' Bw'	B2 Rw Bw' Dw2 D' Uw2	F2 U2 D' FW BW DW2	
3.	LW BW' B D RW2 DW UW2	U2 Rw L F2 Lw' Lw2 B2	Bw D2 Lw U' L B2 Rw	B B RW Dw2 Uw' Dw U2	L Rw D2 D' B2 Uw F2	D Fw' R' F Uw' L	R2 F Dw2 Rw2 B U'	F' B' Bw Dw' Bw' Fw'	D' R2 Rw2 U R Bw'	
4.	L Fw' U L Lw2 Dw2 Uw2	U2	Lw Uw2 Uw Fw2 U' R' L	RW L2 R2 BW F2 Uw'	Bw2 Fw' Uw Uw' Uw' Dw'	L' B Bw' F' Rw Fw2 Dw'	Dw2		R' Dw' F' D' B	
5.	Rw2 F D' B Bw L' Uw	F' Lw2 Bw' Fw Rw' Fw Lw'	B R R F F2 Lw2 Uw	Lw Bw Rw2 L' Uw' Uw' Rw2		D Fw2 Dw2 D2 R' R'	B2	F Bw2 D2 Fw2 L2 Lw'	L Lw Uw' B' U'	

Т	U	F2	Uw2	3Fw'	Lw	U
	Uw'	D'	3Fw'	3Rw2	3Uw2	Lw
	B	Lw2	BW	R2	Dw'	Rw'
	F'	3Rw2	Bw2	Uw'	D	L
	3Fw'	3RW	Bw2	3Uw'	3Rw'	Ū'
	B'	3Rw'	R	L2	3FW	Fw'
	Rw'	3Rw'	3Uw2	F	U	Fw'
1.	DW	3Uw2	Rw'	Dw'	3Fw	3Uw2
	Dw'	Bw2	R'	3Fw2	L'	U
	Bw'	3Rw'	B'	Dw2	Fw2	3Rw2
	L2	DW	R'	Dw'	Uw'	LW'
	L'	R'	3Rw2		Fw2	R2
	3Rw2	Lw2	B	U	Dw2	F
		Lwz Lw'	Ь	U	DWZ	Г
	Fw	LW				
	Fw	R	Uw'	Lw'	Bw	D'
	Rw2	U	3Fw2	Uw2	Fw'	Rw'
	Lw'	L'	Bw'	U'	Bw	Uw2
	U'	Rw2	F	Fw2	Lw2	F'
	3Fw2	L'	Fw2	Uw	Dw2	R'
	Bw	Dw'	L'	Lw	Uw2	Bw
	Lw	D'	3Fw2	Dw2	Uw	3Uw
2.	Fw'	3Fw'	F	3Uw	Dw2	В
	3Uw	Fw	3Fw2	U2	R	Dw
	Bw2	Uw2	L2	Uw	3Uw	3Fw
	Rw2	D2	U	3Uw2	L	B2
	R'	Rw2	Lw'	D'	U	3Rw
	U'	3Uw2	Dw'	B2	3Uw'	R2
	Uw'	Lw2				
	Bw'	F'	U2	Bw'	R2	В'
	3Uw'	ь' В'	D'	Dw2	3Uw2	L'
	Fw'	3Fw	D	F'	D2	B'
	F'	Fw'	Dw	L	Fw2	ט'
	Bw	3Uw	Dw2	Ew'	R'	L'
	3Rw2	Dw2	Bw'	Lw2	B'	Uw
	Bw2	D	R'	Dw	B2	Uw
3.	D'	3Uw'	B'	F	Bw2	U
	R'	Rw	Ū	R2	3Fw	Bw
	D	3Uw	Lw'	3Uw'	R2	3Fw'
	Rw	3Rw2	Fw'	Uw'	Lw'	Fw2
	D	R2	B'	LW	Bw	В
	Dw'	B'	3Uw'	Lw	3Rw'	3Uw'
	R2	Ū'	55	_,,	O. W.	0011
		5				

	3Uw2	Lw2	3Rw'	D	F2	3Bw'	D'	
	3Uw2	Dw	Fw2	3Fw'	B2	U2	Dw	
	3Dw'	3Uw	3Rw'	3Bw'	F2	Fw'	Rw2	
	LW	3Lw	Bw'	U'	LW	F2	В	
2.	Lw2	R2	L	В	3Bw	Fw2	Uw'	
	3LW'	D	3Dw		F2	3RW	U'	
			B'	Dw2				
	3Fw2	3Lw'		F	3Bw	LW	Dw	
	3Bw'	Bw	Lw'	F	D2	3Uw	L2	
	F2	Dw	3Bw2		Rw'	L2	3Lw'	
	3Rw'	Bw2	Uw	3Fw	Uw2	Dw'	3Bw'	
	Dw	Fw2	Lw2	Bw2	D'	R2	3Bw2	
	Dw	Bw	Fw'	Lw2	L'	R'	3Lw2	
	3Bw'	U2	3Dw'	3Fw	Dw	R2	Lw'	
	В	3Lw'	Dw2	D'	U	3Dw2	R'	
	3Lw2	D2						
		05.0	011	00.0	11	05.0	D.I.	
	В	3Fw2		3Rw2	Lw'	3Fw2		
	R2	3Uw2		3Rw	U2	Lw'	Dw2	
	Fw'	3Bw'	L	3Uw'	Uw	3Rw'	R	
	Fw2	D2	3Bw	L'	3Fw2	Uw'	Fw'	
	В	Rw'	R'	3Dw	3Uw'	Rw'	3Rw'	
	B2	Bw	Lw'	3Rw2	3Fw'	R'	Bw	
	L	Fw2	Uw'	U'	F2	3Lw'	Lw	
2	Bw2	Fw'	3Uw	3Rw	L2	3Dw2	3Fw2	
۷.	3Rw2	Rw	3Uw2	Fw	Dw'	3Rw	Dw	
	Bw'	3Bw'	Fw2	L	R	Rw'	Uw	
2.	Rw'	U	В'	3Uw	L'	В	3Uw2	
	3Dw	3Bw2		R	3Fw'	3Lw	3Bw	
	L2	F'	Lw	3Lw	U2	Lw'	3Dw2	
	Uw	F'	D	3Rw	Fw	Uw'	D'	
	F'	Bw		0.00		011		
	•	DW						
	3Rw'	3Lw	Fw'	3Uw	3Lw	F'	3Bw	
	Fw'	U	Bw	Rw'	Fw	Bw	3Lw'	
	3Rw	B2	U'	3Fw	Rw	3Dw	U2	
	3Uw	3Rw2		Rw	Uw	Fw	3Fw'	
	3Rw2		Rw	3Fw'	3Bw	U	B2	
	D2	В	L'	Uw'	3Rw2		Dw2	
	3Rw'	Dw2	3Rw	Rw2	Bw'	3Rw2	B2	
3	3Rw	R2	L2	3Dw'	L2	F'	Fw'	
ا .	L'	R2	Fw2	U'	3Fw	D2	Dw	
	Rw	Lw'	3Rw	Dw	D'	В'	R'	
		3Bw	Rw'	3Bw'	R'	Uw'	U2	
	υ				Bw	3Fw'	3Uw2	
	D '	3Rw2	3Ew'			J. W	33772	
	L'	3Rw2	3Fw'	L II'			1.1	
	L' Dw2	3Rw'	F2	U'	F'	3Fw	L' B2	
	L'			U'		3Fw	L' B2	

333bf Scrambles for 2019-05-27



333oh Scrambles for 2019-05-27

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

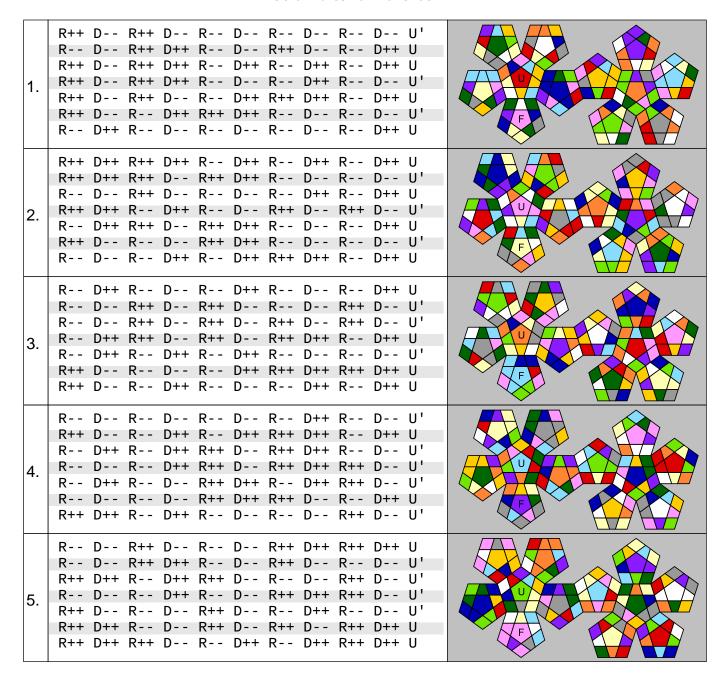
1.	R' L' B' R L' U L R' U' B R u 1 b	
2.	L' U' L' U L U' B L' R' L B u' l' r' b'	
3.	B' R U B R' U R B R B' L u' l r	
4.	L' R' U' B' L U' R' L' B L' B' l' r'	
5.	B L' R B U' B' L' U L' U' B u l r	

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

sq1 Scrambles for 2019-05-27

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

minx Scrambles for 2019-05-27



1.	UR0+ U1+ ALL4- D3-	DR5+ R5+ y2 L4-	DL3- D5+ U4- ALL2-	UL2+ L4- R5+ UL	
2.	UR1- U5- ALL1- D1+	DR3- R5- y2 L2+	DL1+ D2+ U3+ ALL5-	UL5- L5+ R1+ UL	
3.	UR1- U4- ALL2+ D2+ DL	DR3- R0+ y2 L1- UL	DL2+ D2- U2+ ALL4-	UL4- L3- R3+ DR	
4.	UR3+ U6+ ALL2+ D2- DL	DR3+ R4+ y2 L1+	DL6+ D3+ U1- ALL4+	UL0+ L2+ R4+ DR	
5.	UR1+ U4+ ALL5+ D0+ DR	DR1+ R2+ y2 L3+ DL	DL2- D2+ U1+ ALL2+ UL	UL5+ L1+ R4+ UR	

Fewest Moves

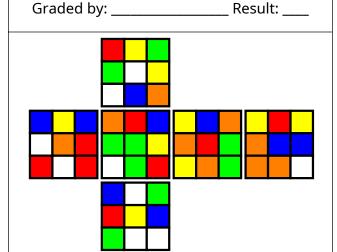
- -> You have 60 minutes to find and write a solution.
- -> Write 1 move per bar. To delete a move, clearly blacken it.
- -> Your solution must not be directly derived from any part of the scrambling algorithm.
- -> Your solution must be at most 80 moves, including rotations.
- -> Your result will be 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 U D Counter-clockwise F' U' B' D' Double F2 R2 U2 B2 L2 D2 **Rotations** Clockwise [f] [l] [d] [r] [u] [b] Counter-clockwise [f'] [r'] [u'] [b'] [l'] [d'] Double [f2] [r2] [u2] [b2] [l2] [d2]

Scrambles for 2019-05-27 333fm

Competitor:	
WCA ID:	
DO NOT FILL IF YOU ARE THE COMPETITO	R.



Scramble: R' U' F U' F2 R2 U L2 D' F2 R2 U2 R F' D2 B2 R' D2 R D B' U' R' U' F

Fewest Moves

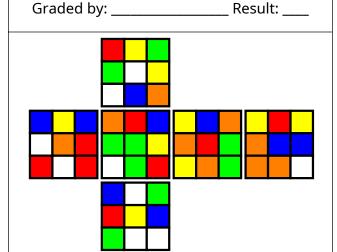
- -> You have 60 minutes to find and write a solution.
- -> Write 1 move per bar. To delete a move, clearly blacken it.
- -> Your solution must not be directly derived from any part of the scrambling algorithm.
- -> Your solution must be at most 80 moves, including rotations.
- -> Your result will be 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 U D Counter-clockwise F' U' B' D' Double F2 R2 U2 B2 L2 D2 **Rotations** Clockwise [f] [l] [d] [r] [u] [b] Counter-clockwise [f'] [r'] [u'] [b'] [l'] [d'] Double [f2] [r2] [u2] [b2] [l2] [d2]

Scrambles for 2019-05-27 333fm

Competitor:	
WCA ID:	
DO NOT FILL IF YOU ARE THE COMPETITO	R.



Scramble: R' U' F U' F2 R2 U L2 D' F2 R2 U2 R F' D2 B2 R' D2 R D B' U' R' U' F

333ft Scrambles for 2019-05-27

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

444bf Scrambles for 2019-05-27

	F	D2	L2	B'	D2	
	В'	D2	F	L2	U'	
	B'	L2	U2	R'	В	
	D2	F'	D	L	R2	
	Fw2	U'	Rw2	- Uw2	B'	
1.	F	L2	В	Rw2	U	
	F	U2	Rw	B2	Uw2	
	F'	Uw'	Fw'	R	FW	
	U'	F'	Rw'	F2	x2	
	y2	_		_		
		110		DO	1.0	
	D2	U2	L	B2	L2	
	D2	B2	R	B2	L	
	F2	В'	D	F2	R	
	D2	F	B'	U2	Rw2	
2.	Uw2	L	Fw2	U'	L'	
	D'	Fw2	U2	D2	R	
	U2	L2	FW	U	R'	
	Fw2	D'	Rw'	F'	D	
	Fw	D2	F2	В'	y2	
	F2	B2	R'	L2	F2	
	R2	F2	U2	B2	U2	
	В'	D'	R'	U'	L	
	F2	D'	R2	L2	D'	
	Fw2	R	U	Fw2	Uw2	
3.	Rw2	L'	D	F2	R'	
	Fw2	D	L2	Fw'	F	
	D2	R2	D'	Rw'	В	
	F2	U'	Fw'	Rw'	U	
	x2	y2				

555bf Scrambles for 2019-05-27

	Dw2	F	Dv	v '	R2	Fw2	
	B'	D	U'		Rw2	В	
	Dw'	U2	F2		Bw '	В	
	Uw	R	Rv	٧2	Fw'	D'	
	F	D'	U '	ı	F2	Lw2	
	Uw2	Rw	U '		Fw'	Lw	
1.	Bw	Fw'	' Rv	٧	В	Lw	
	F'	R		۷2	D	Dw2	
	Lw	B2	Uv		D2	U2	
	Lw2	D	U '		R2	Bw2	
	Fw2	D2	R2		Lw	F	
	Dw'	R2	U '		D	L'	
	3Fw	' 3Uv	۷2				
	Rw2	Bw	U2		F'	R2	
	Uw	D'	B2	2	L	Rw2	
	Lw2	F2	В	_	L'	Lw2	
	Uw	D	F'		Dw .	Uw'	
	Rw'	F'	F۷		Rw'	F2	
	R2	Dw	L2	2	RW	Dw'	
2.	D'	В'	L	_	Uw2	U	
	Bw'	B'		٧2	Bw2	B'	
	Dw2	F2	Bv		FW	R'	
	Bw'	L2	LV		U2 D'	F2	
	R Uw'	L'	By			RW	
	3Uw2	BW	Rv	V	Uw	Rw	
	SUWZ	<u>-</u>					
	U'	Lw2	Uw2	R2	Fw2	F	
	Bw'	Dw2		L2	Dw2		
		Bw'		R	U'	Rw2	
	Fw	Bw'		Rw	Dw'	Uw	
	U	Rw2		U	L2	Fw'	
3.	Lw	Dw'	В	R'	U'	Bw'	
-	D'	R'	В	L'	Lw2	Rw	
	U	Rw'	L'	Dw	' F'	Rw2	
	Dw2	U	Rw2	R	Dw2	В	
	D	L'	R'	Rw	Dw'	Lw	
	3Uw						

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

333mbf Scrambles for 2019-05-27

6.	F' D2 D' Uw		F2 F2 L	L2	D'	• • •	R'	
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