333 Scrambles for 2019-06-21

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

1.	U' R U2 R2 U' R U' R F' U' R2	
2.	U2 R' U2 R2 U2 R2 F U' F R2 U'	
3.	U'RFR2 U2 R'U R'U FR2	
4.	R' U' R2 U R' F U2 R U2 R' U'	
5.	R' F U' F U2 F' U' F2 R U R'	

444 Scrambles for 2019-06-21

	D	Fw'		Uw2		В.	Uw .	
	D2	U .	L		Uw	R'	Fw'	
1.	Rw'	F'	Rw	R	D	Uw	U	
'-	B2	D2	B2	L	F	FW	Rw'	
	Uw	R	Rw'	В'.	F'	U'	D	
	Uw2	Fw	L2	Rw'	F			
	Rw2	R	L	D'	Uw2	L2	B2	
	Fw	F'	D2	Uw2	Rw'	L2	Fw'	
	В	Rw2	R2	D	U'	Uw2	B2	
2.	D	Fw2	Rw	Uw2	Rw'	F'	L2	
	Rw	D2	В'	Fw'	L2	Fw2	U	
	Uw2	B2	Fw	Rw'	Fw			
	ı	Uw2	B2	Rw'	Uw'	Rw2	U2	
	_ L2	FW	B2	U2	Rw2	B2	U'	
	R2	L	D	Rw	L'	D'	B'	
3.	F'	- Rw'	D'	Uw2	- F2	Uw	U2	
	L'	U'	R'	L	F2	Uw'	D'	
	- Fw	L2	U'	R'	L'		_	
	D'	Uw'	Fw2	F2	R	U	Uw'	
	B'	D'	F2	В	R'	Rw2	FW	
	B2	Uw'	Fw2		Uw	Fw2	R'	
4.	Uw2	R2	Uw2	U	F	1	U'	
	R	Uw	B'	U	D'	B'	R2	
	U'	Uw	В	Fw	L2	_		
$\mid \mid \mid$	Fw	L2	F	D2	B'	F'	Rw	
	FW	R'	D	FW	U	D	Uw2	
	Rw2	L2	F2	FW	В	Uw2	L	
5.	RW	U'	Uw2	D2	Fw2	D'	L	
	Rw2	В	Fw2	F	Uw'	U'	B2	
	R	Uw	D	U	Fw'			
		O . (

1.	B' B' BW Lw2 Uw' BW	L' R2 U2 F' F' B	Fw2 Dw F U' Rw2 Dw' Bw	D D2 Uw' Fw' U F Lw2	Dw F' Lw L2 Rw2 L2 B	L2 L' B2 R' D' Dw' Bw	Fw' B2 F' Fw' Uw2 Lw2	Lw Uw2 Bw' Uw' L' Rw	U' Fw2 R2 B2 D UW	
2.	F2 FW B' R' DW' B	D Bw F2 Uw' Bw2 Rw' L	Bw' L2 R' D2 L2 D2 Bw'	FW Rw2 Uw2 F' U Uw Dw	Uw' B2 Dw R2 Fw U2 U	B D D2 B' Dw Fw2 Fw2	Rw' R' L2 Lw Fw' U2	Dw Rw Fw2 R2 L2 L	F2 Dw2 Rw U2 Bw Bw2	
3.	Dw' Fw R2 Lw2 Dw2 Dw' R	R' U' LW DW B2 F BW'	U' Fw2 U' U Rw' U2 Rw	Dw2 Lw' L D B Dw F	Bw' L2 R' R2 Bw' Lw' D2	L2 Fw2 Dw2 Uw' Lw2 Dw2 Bw	Dw Rw B' F	Lw2 U' F' Fw' R2 F	F RW DW' L2 F' FW2	
4.	R2 U' Rw2 L' L' Dw	U' L D' Lw2 Fw' B2 Fw	DW B' B2 R2 L2 D	Bw' Fw' D2 Uw' B2 Uw2 R	B Bw' B' F2 Rw' Bw Rw'	L Lw2 Lw2 D2 Dw' Dw'	Rw Fw2 R Dw' F2 B	D U L' Lw2 Lw U	R' F Bw2 B2 Bw Uw'	
5.	Fw' Bw' Rw' D' Rw2 Uw' U'	F RW R U2 BW' L'	Lw2 Lw Lw2 Dw2 B' Uw2 U'	L	U Uw' R D2 R' L' F2	Uw Dw' L' F2 Fw B2 B	L2 D2 Lw2 B' U2 Fw'	FW R2 FW' FW' B2 U2	Uw' Dw L D' D' F2	

\neg	D'	21142	3Rw2	D	Dı.,	В'
		3UWZ	JRWZ LW'	F2	Bw U'	
	3FW'		Rw'	F∠ B'	Fw'	3Fw2
	3Uw2	BW				R2
	LW	Dw'	B'	D2	Uw'	RW
	Bw'	Dw'	3Rw2	Fw'	Rw'	3Uw
	D'	F'	U'	R2	Bw2	F'
1.	3Uw	R	Lw2	D2	U2	Uw2
'	3Fw	3Rw'	L .	U'	Rw	B2
	D	Bw'	Lw'	3Fw2	D2	Lw'
	Dw2	3Uw2	Uw'	Bw2	U'	D'
	Bw'	F'	D2	Dw2	3Rw2	Lw2
	Dw'	Lw2	Fw2	Bw'	Dw	3Uw2
	Rw2	Dw'	D'	R	L'	F
	L'	Uw				
	3Rw'	Гъ.,	D'	3Uw	Гъ.,	3Rw'
	F'	Fw Rw'	3Fw	Dw'	FW	
	D'	L'			FW	3Fw
			U	D2	3Rw	Lw2
	Fw2	DW	U'	Fw2	Uw2	R2
	D	Dw2	UW	Bw2	Fw2	Uw
	Bw2	U'	F2	R2	3Uw	U2
2.	B'.	Lw2	F2	D2	Rw'	F
۷٠	Dw'	Bw2	Uw2	Lw2	U .	Rw
	3Fw'	R _.	L	Rw'	Lw'	Dw
	Fw2	L'	D	Fw	Uw	Dw
	Fw'	Uw'	Bw2	Dw2	Rw2	B2
	LW	D	L	Dw	Bw2	Dw
	Rw2	Fw'	R2	Rw'	F'	R'
	LW	3Uw				
	21142	R'	B2	3Uw'	Du2	211.7
					Rw2	3Uw
	3Fw'	D	Uw'	Dw'	L'	Uw2
	D	U2	L'	UW	3Uw2	
	Lw'		R2	3Uw'		R2
	3Uw2	3Fw	Dw'	Bw'	Uw2	3Rw
	F2 .	Bw'	3Uw	L'	3Fw2	Uw2
2	Dw'	U2	F'	R	3Fw2	F'_
3.	Dw2	Bw	B2	3Uw'	3Fw'	Fw2
	L	R	Fw'	В'	3Fw2	R2
	L'	Lw'	Rw'	3Uw2		Bw'
	Fw	Uw'	3Rw2		U	3Uw
	Fw2	Bw	3Uw'	Rw2	3Uw	Uw2
	Rw	Fw	3Uw'	Dw2	Rw'	3Fw
1	Bw	FW				

777 Scrambles for 2019-06-21

1.	3Uw' 3Uw2 Uw2 Lw' 3FW B' F' L UW R DW 3BW 3Uw2 U' UW	DW U B 3FW' UW2 3DW' U 3RW 3BW' RW LW' RW' RY FW	3Dw' Fw2 F' U' 3Uw D' Rw' 3Dw 3Fw' U' Fw' 3Lw2 U'	R2 Uw Dw R Fw' F2 Bw2 L2 B' 3Bw' L2 Dw 3Rw' Uw'	3DW Lw2 RW 3LW BW' 3LW2 3FW 3LW' U2 3RW2 L R L2	B' 3LW UW' 3FW' RW2 U' 3UW2 F2 3DW' 3DW' U' RW2 RW	3Dw 3Uw 3Dw2 3Uw' F2 B' 3Dw D' 3Lw L' Dw' R	
2.	3Fw' B 3Dw2 3Uw2 3Dw' 3Rw2 3Dw2 D' F2 U Dw2 D Fw' Fw' D2	U2 U Dw	3UW D D2 DW2 UW 3LW' R' R' 3LW	B2 3Bw' 3Rw2 3Lw' 3Fw L 3Fw Dw2 3Dw L 3Fw' Bw2 3Bw' F	F F2 D2 R2 FW DW2 FW 3UW 3BW BW' D' L B	Dw2 Rw 3Dw' F2 F L' Dw2 Fw2 3Dw' B' Rw' Uw Bw Bw	3Dw2 Lw' Rw2 3Rw' L2 F' U' 3Dw Rw2 R Dw' 3Lw' D' R2	
3.	BW F UW' F FW' DW D' LW 3DW' FW2 3UW 3FW U D2 B	L' Lw' D' 3Lw' R2 3Dw2 Fw2 B2 L B2 Rw' U' Uw2 Dw D	Dw 3Lw' F' 3Fw'	D2 B'	U' U2 Uw' Bw2 3Uw Bw2 3Bw' B' Dw Rw' 3Uw Dw2 3Dw Fw2	3Bw' 3Dw Lw Rw2 3Bw R R' 3Bw Bw2 Uw2 Fw' Bw' 3Uw' R	R' Dw 3Bw' Uw2 Fw2 Rw' Rw2 Fw' 3Dw' 3Fw R' 3Bw2 Uw' Dw'	

333bf Scrambles for 2019-06-21

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

333oh Scrambles for 2019-06-21

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

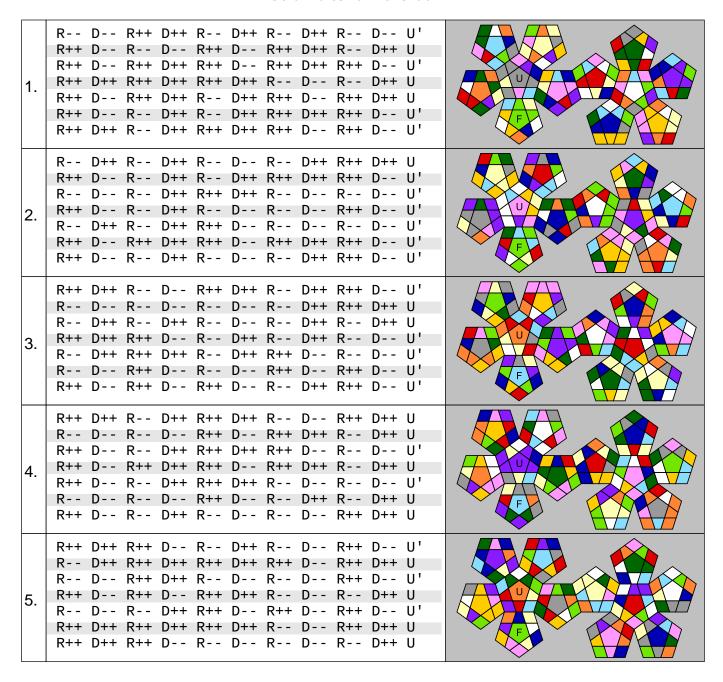
1.	U R' U' L' B' L' U' L' R B' R 1' r b	
2.	LBU'B'L'U'RB'R'B'U'ul'rb'	
3.	LBLU'BLR'U'R'L'U1'b'	
4.	B L' U B' U L B U' L U' L u' l r' b'	
5.	R' L' B U L' U' L B' R' U' R' u'	

1.	LRLR'BU'BU'R'UL	
2.	L B U B L U' B R' U' B L	
3.	UBR'ULR'U'L'RLU'	
4.	RBRL'R'U'B'UL'RB'	
5.	L U B' U' R' U R U' L' U R'	

sq1 Scrambles for 2019-06-21

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

minx Scrambles for 2019-06-21



clock Scrambles for 2019-06-21

1.	UR6+ U1- ALL4+ D4+ UL	DR1- R1- y2 L3-	DL5- D2+ U2- ALL3+	UL2- L2+ R4- DL	
2.	UR6+ U2- ALL3- D4+ DR	DR2+ R1+ y2 L3- DL	DL4- D5+ U1+ ALL3+ UL	UL5- L5- R4- UR	
3.	UR0+ U2+ ALL4+ D1- DL	DR5- R3+ y2 L1-	D2+ U2+	UL3- L1- R5+ UR	
4.	UR3- U5- ALL5- D1- DR	DR3+ R1- y2 L1- DL	DL6+ D1+ U3+ ALL2- UL	UL4- L2+ R5+ UR	
5.	UR4+ U2- ALL2- D2- DR	DR5- R0+ y2 L4+	DL5+ D2+ U3- ALL5-	UL1+ L6+ R4- UR	

Fewest Moves

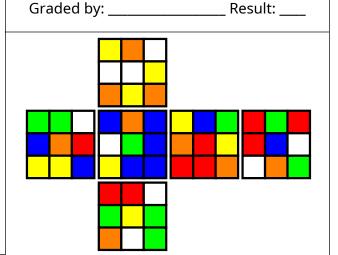
- -> You have 60 minutes to find and write a solution.
- -> Write 1 move per bar. To delete a move, clearly blacken it.
- -> Your solution must not be directly derived from any part of the scrambling algorithm.
- -> Your solution must be at most 80 moves, including rotations.
- -> Your result will be 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 2019-06-21 333fm

Competitor:	
WCA ID:	
DO NOT FILL IF YOU ARE T	THE COMPETITOR.



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

Fewest Moves

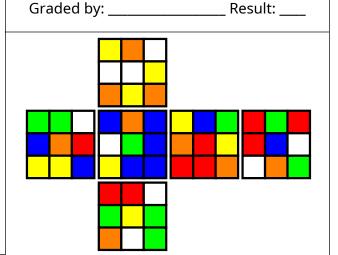
- -> You have 60 minutes to find and write a solution.
- -> Write 1 move per bar. To delete a move, clearly blacken it.
- -> Your solution must not be directly derived from any part of the scrambling algorithm.
- -> Your solution must be at most 80 moves, including rotations.
- -> Your result will be 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 2019-06-21 333fm

Competitor:	
WCA ID:	
DO NOT FILL IF YOU ARE T	THE COMPETITOR.



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

333ft Scrambles for 2019-06-21

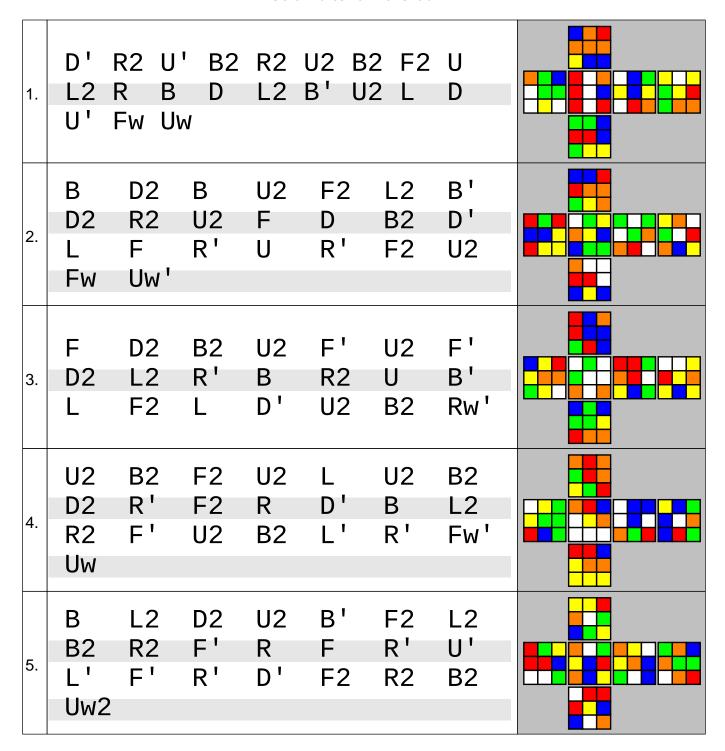
1.	L		D	D2 U	U2 B				
2.		U B' R	D2	U2 B' R'		D2 F'	R2 D	F2 R2	
3.	D2	F' L R2		R U' L2				R' B2	
4.		D2 U' R	R	B2 D' U2					
5.	R2 L L2	D	F2 B' U2	D2 R2	F2 B				

444bf Scrambles for 2019-06-21

	B'	R2	F'	L'	D	
	R'	F	U'	R'	B'	
	L'	D2	B2	R2	F2	
	- R'	F2	D2	L'	B2	
	D2	Uw2	В	Uw2	L	
1.	R	F	Rw2	L'	- Fw2	
	L	B2	Uw2	F	U'	
	- Rw2	Uw	F2	Uw	B2	
	L2	Fw'	Uw	Rw'	L	
	y2					
			ГЭ	D	D2	
	R2	L	F2	R	B2	
	D2	L2	F F	R D'	F' F	
	L2 L2	U2 D	г В'	Rw2	Fw2	
	U	R2	D'	Rw2	L	
2.	D2	Fw2	L	Uw2	Fw2	
	L2	B'	D'	F2	Rw2	
	FW'	R2	Uw	B'	L'	
	Fw'	RW	Fw'	U'	Χ'	
	D	L'	U'	L2	B'	
	L	F'	D'	B2	U2	
	L	U	B2	U	L2	
	R2	U'	R2	D	R2	
3.	Uw2	Rw2	В	U	D'	
	Fw2	B'	Rw2	D'	В	
	U2	B2	D2	Rw	F2	
	RW	В	D'	Uw'	F'	
	B2	Uw'	FW	Rw	D2	
	F'	x2	y2			

555bf Scrambles for 2019-06-21

1.	R2 U2 Dw2 Uw Fw Dw L'	F RW L2 D R' B	L2 L' Dw Rw Bw L2	v' v' v'	DW B' L' L FW LW2 L'	D L' Fw' Uw' Lw' F' Bw2	
1.	Lw B2 Dw L Fw2 3Fw	U2 R Fw Bw R2	Bv Bv Lv	v2 v v'	- Rw2 Rw' U2 F' Bw'	R2 D2 Uw' R2 Dw2	
2.	DW U D2 RW2 BW' L2 D2 RW2 FW' BW2	Uw L2 F' Bw2 Fw Uw2 F' Dw2 Uw2 Uw'	Lw2	L2 F' L' L2 B Dw2 RW LW Fw2	Lw' Dw2 D2	B' Lw Bw D Bw' U Uw2 Lw' B	
3.	B' Fw' Uw2 L2 Lw2 F' U' Lw' R2 Dw 3Rw		B2 RW R LW2 F RW' DW U2 LW' LW2	Bw' Fw2 F' U2 Fw2 R Rw' B'	Uw U D Lw' L' Uw' Rw2	RW D' DW BW L2 UW2 FW' BW FW2 L	



333mbf Scrambles for 2019-06-21

6.	L2 D' F Rw'		F	Ľ'		_	R2 B D'	
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