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

1.	R U' R2 U R2 U2 F' U' F' U2 R2	
2.	U'RURU'F'R2FU'FU2	
3.	R' F U' R U' R U R2 U' F U	
4.	U'R U2 F'R2 F'U'F'R U R	
5.	R U2 R2 F U' R2 U' R' U F U2	

444 Scrambles for 2019-06-04

	F2	U2	Uw2	L	U	F2	Fw	
	B2	D2	U'	R'	Uw2	Rw'	U'	
1.	R	Rw2	F'	U2	R'	В'	L2	
'-	R'	D'	Fw	U2	F'	L'	Uw'	
	R2	Rw2	B2	L'	В	R	Rw2	
	Uw2	B'	FW	R2	B2			
	L'	Fw2	Uw'	B2	D	В'	L2	
	F'	Fw2	D2	Uw2	F	R2	Fw'	
	U	Uw	R'	D	R'	Uw'	R	
2.	В	Uw'	U2	Fw	D2	R	Uw2	
	R	D2	Rw	Fw	U'	Rw2	F2	
	Rw	Fw	D'	Fw2	R'			
	Rw2	В	U'	B'	L2	R'	Fw	
	L2	D	U2	В	L	R2	F'	
	L'	D	Uw	Fw	Uw'	R'	D'	
3.	- В2	R2	D	В	U'	Fw	B2	
	Uw2	В	L2	F	В	L	R	
	D'	Uw'	Rw2	F	Rw'	_	-	
	L'	D'	R2	Uw2	Rw'	D'	Fw	
	Uw	D'	L'	B2	Fw2	D'	B2	
	1'	F'	Rw	Fw2	R	Rw'	D	
4.	Ī'	Rw2	Fw	U2	Fw2	D2	Uw	
	F'	Rw'	D2	R	Rw	L2	D	
	B2	Fw	U'	R2	L2		_	
	U	1	F	D'	F'	D2	U	
	R	L	D'	U'	Fw	R'	F	
	FW	U2	R2	Fw'	Uw'	В	L2	
5.	U	FW	Uw'	L'	D'	В	Rw2	
	B'	D'	F'	B2	D	B2	U2	
	R2		L2	U2	Fw2		5 –	
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555 Scrambles for 2019-06-04

1.	U2 B' B' Fw Lw' Dw Fw'	Lw2 Bw2 R2 B' Rw2 L	Dw2 Rw' D Dw Uw Rw Lw'	D2 D F B R2 Dw'	Uw' Rw' B2 Uw' Dw D2 Bw2	L Uw2 Rw' Dw U2 Uw	Dw Rw2 U' R2 Bw' Lw2	U F FW BW B	Uw' Dw' U' B2 Fw' Bw2	
2.	Bw2 Dw2 Dw2 Lw' B2 U		Uw Lw' L' Rw Uw2 Dw'	L' L' U2 LW LW B' RW2	Lw' D' D Dw2 Rw Rw'	RW DW2 DW2 UW2 D2 D2 BW2 R	Bw' L L' Uw'	F2 U' Bw' Bw2 Rw' Dw'	Uw' F2 B' Dw' L	
3.	Uw Rw Bw2 D2 Uw L2 Rw	DW Uw2 RW' DW FW R2 L'	D' R2 Uw' Bw' F2 Uw2 Bw'	B' Dw R2 Fw' R' Fw	Lw2 Uw2 F' Uw' D2 D2 Fw'	Rw2 Fw B R' R L' R2	Bw Rw2 Dw Uw Lw2 U2	Fw2 Uw2 U2 Bw' Dw2 F2	B2 Dw F2 D2 Fw' Dw'	
4.	R' Uw' Fw Rw Dw' Bw	B' Rw' F' L' Lw' D B2	FW LW L2 B' D' U	RW U U Uw Rw2 Lw2 Lw'	L RW BW BW2 U D' R	U Lw' U2 Uw Fw2 L	B' B2 Lw2 B2 Uw2 Lw'	Bw2 Dw2 Fw' F' B' Dw2	Lw' R2 Dw2	
5.	U2 Dw2 Lw U' U' Lw2 Bw	B' Uw F' F' B2 U' RW	L' D FW L Lw' Rw' B2	FW B' B' BW DW LW2 F	F2 R' Lw2 Dw Bw' R' Fw	R Uw L R Lw F2 Dw	Uw R2 R2 Bw L2 Bw'	Dw2 Dw' B' D' Fw2 Lw2	L2 L2 F' B2 R D'	

	F Dw'	Fw' D	Lw L'	3Fw Fw'	F Lw	U Dw'	
	Fw' Fw2	L2 L'	Lw' Bw2	Uw' 3Fw	3Fw2 D'	3Rw Dw2	
	3Rw	Lw	D'	U	3Rw'	R'	
	U	F2	В	L2	Dw'	Bw2	
,	Dw'	Lw	Bw'	L	3Uw2	U2	
1.	Uw	В'	U 	L2	Dw	3Rw2	
	Rw	3Uw	B'.	Bw	L2	Uw2	
	3Uw	3Fw'	Rw'	3Fw2	D	F2	
	3Fw'	L2	3Fw2		R	D	
	B2	Fw2	L'	Bw'	FW'	3UW	
	F'	3Fw2	Bw'	U2	3Fw	Rw2	
	Bw2	D					
	F	L'	D2	R	Rw2	B2	
	D2	U	Rw'	3Uw'	U	F2	
	3Fw2	3Rw	U2	R2	Dw'	Fw'	
	Lw'	3Uw2	F'.	Dw'	R2	F2	
	3Fw'	3Rw2	Rw'	D'	U'	3Uw2	
	L .	D	L2	3Uw2	Lw'	3Uw	
2.	Bw'	3Uw2	Dw	3Fw'	Uw2	U	
۷.	3Rw'	R2	FW'	В	L	R	
	Uw'	U'	3Fw2	3RW	R2	Fw2	
	3Rw Dw2	Uw2	3Uw¹ 3Rw2	3Fw R2	Dw2 Dw'	Bw2 3Fw2	
	Dw∠ R	Uw Dw	L	FW	3Fw'	Lw2	
	F'	3Uw	L'	D'	F'	Uw'	
	R'	L'		U	Г	OW	
	U'	D'	Dw	Bw'	Dw2	Bw2	
	3Rw2	Bw2	Fw2	R2	3Fw	Bw	
	3Uw2		3Fw	F	Lw2	3Rw2	
	Rw		R2		3FW	BW	
	Lw'	U	Lw2	Bw'	Uw2	3Rw	
	F2	D'	R	B	Lw' D'	B'	
3.	U2	Bw Uw'	3Fw'	3Rw2	Uw'	3Rw2	
-	Fw Uw	Uw' R	3Fw2 3Fw'	Fw Fw'	DW '	R2 Bw'	
	U2	R 3Rw'	LW	3Uw	D	3Fw'	
	Lw2	F2	Uw2	FW	3Uw'	FW'	
	R'	3Rw'	U'	LW'	D2	3Rw	
	U	D	F2	Lw'	UW	Fw'	
	D2	Rw2	. –	_,,	J.,		
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777 Scrambles for 2019-06-04

	3BW 3Dw' B	Bw' Uw	Fw	B2	L2	D	R'
	3Dw'					ע	K '
			R'	3Lw	D2	Ū'	3Rw
		3Dw'	Rw	F'	Lw	Dw'	R
	В'	3Rw2		3Uw2		3Rw'	3Dw
	Lw	L	R	3Dw2		В'	3Lw2
	3Uw'	В	3Dw'	3Bw	3Rw2		U2
	B2	U2	Fw2	U2	Rw'	3Rw	Dw
4	D2	3Dw'	L'	3Fw	L2	FW	3Lw
1.	B'	D	F'	3Rw2	3Uw	R	Uw2
	F	3Uw2		Rw	3Uw2		3Dw
	3Fw	3Rw2		3Lw	3Dw2		В
	Uw2	3Dw2		3Bw	3Dw2		Uw2
	F2	U'	3Uw2		3Uw	F'	3Bw2
	Uw'	Bw2	3Fw'		D	L	LW
	F2	3Rw	SFW	SDW	U	L	LW
		SKW					
	Dw'	3Bw'	20.4	3Rw'	Lw'		Fw'
	3Lw'		U2	F2		L 3Fw2	
	3Bw'	Lw Lw'	B	r∠ Rw2	Fw L	Bw'	Uw2
			F	3RW	3Fw'		D D
	L 3Lw2	Dw2	r Rw'	LW'	3Dw2	LW	В
	R'	3BW			Dw'		
	3Fw'	3Uw2	3Lw2			3Uw2	
				D2	UW	3Lw2	
2.	3Lw	R'	3Bw2		3Uw2	RW	R'
	3Dw'	3Bw2	Lw'	Rw2	3Uw	Bw	3Lw2
	F2	R	3DW	Dw'	B2	Uw2	3Bw'
	U2	L2	Bw'	D	3Dw	Fw .	3Uw2
	D	3Bw	3Fw'	3Rw	3Lw'	Lw'	3Uw
	R	Lw	3Fw'	Dw'	Lw'	3Dw	U .
	L.	Uw2	В	L'	B2	D	3Fw'
	L'	R'					
					_		
	3Rw	3Fw'	B2	F2	Rw	3Fw	Dw2
	R'	3Bw'	3Lw	3Dw	3Fw2		FW.
	U'	Bw'	Dw2	L'.	3Fw	3Bw'	Rw'
	Bw2	3Rw2		Bw'		Lw	3Dw
	Bw2	U2	D'	Lw'	3Lw2		D
	Uw2	L2	3Fw2		F2	3Dw'	L2
	R2	U2	R	3Fw	Uw'	3Lw	U2
3.	L'	Fw	Bw	F'	Rw	F2	3Lw
ال.	L2	Dw'	Fw'	Rw'	Bw	Lw'	D'
	Dw2	3Bw	Dw'	3Uw'	3Dw	3Rw	F2
1	3Dw'	3Uw'	L2	3Lw	Lw'		Lw'
	3Uw2	R	U2	3Dw2	3Bw	Bw	3Uw
		U	Fw'	B2	3Fw2	3Dw2	
	Rw'	U					
	Rw' B	_		Rw'	Lw'	3Rw	Uw'
		3Lw2 3Lw2			Lw'	3Rw	Uw'

333bf Scrambles for 2019-06-04

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

333oh Scrambles for 2019-06-04

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

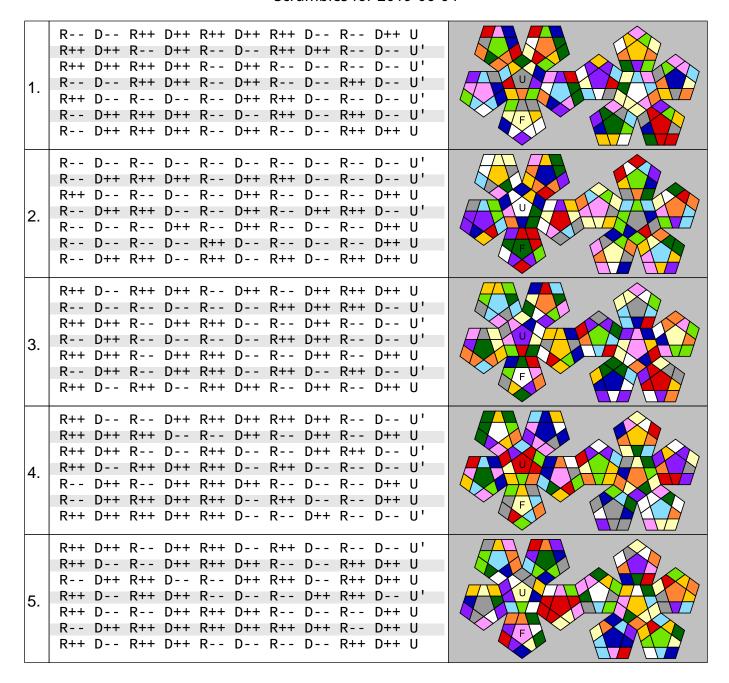
1.	B' R' L' B U' B' U R L' B U' u l' r	
2.	UB'URURU'BR'LB'urb	
3.	UB'U'R'B'UB'LU'L'Uur'b	
4.	BU'R'U'LB'LBUR'L'b	
5.	R'B'LB'LBU'RL'B'U'u'r	

1.	LRBR'B'LB'U'BR'L	
2.	LUL'URUL'B'R'LU'	
3.	U L R B' L' B U' B R' B' R	
4.	R L B U R U' B' U' L B L	
5.	BRLR'L'URLB'LU	

sq1 Scrambles for 2019-06-04

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

minx Scrambles for 2019-06-04



clock Scrambles for 2019-06-04

1.	UR4+ U1- ALL6+ D6+ DR	DR0+ R2- y2 L5+ DL	DL1- D4- U2- ALL3+ UL	UL1+ L1- R1- UR	
2.	UR4+ U4- ALL6+ D3-	DR4+ R1+ y2 L0+	DL2- D4- U6+ ALL1+	UL5+ L1- R3+ UR	
3.	UR3+ U3+ ALL3- D5-	DR5+ R4- y2 L1+	DL1+ D2- U6+ ALL5+	R3+	
4.	UR5- U1- ALL3+ D5- DR	DR0+ R5+ y2 L2- DL	DL0+ D3+ U0+ ALL2-	UL1- L3- R4+ UR	
5.	UR5+ U0+ ALL3- D3+	DR2+ R2- y2 L4+	DL5- D4- U3+ ALL5+	UL0+ L2- R0+ DL	

Fewest Moves

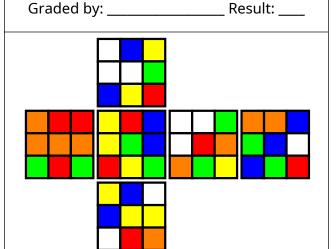
- -> You have 60 minutes to find and write a solution.
- -> Write 1 move per bar. To delete a move, clearly blacken it.
- -> Your solution must not be directly derived from any part of the scrambling algorithm.
- -> Your solution must be at most 80 moves, including rotations.
- -> Your result will be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

Scrambles for 2019-06-04 333fm

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



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

Fewest Moves

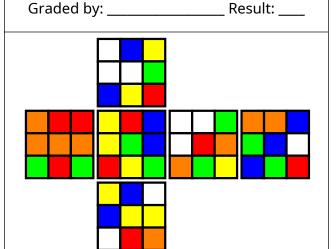
- -> You have 60 minutes to find and write a solution.
- -> Write 1 move per bar. To delete a move, clearly blacken it.
- -> Your solution must not be directly derived from any part of the scrambling algorithm.
- -> Your solution must be at most 80 moves, including rotations.
- -> Your result will be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

Scrambles for 2019-06-04 333fm

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



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

333ft Scrambles for 2019-06-04

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

444bf Scrambles for 2019-06-04

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

555bf Scrambles for 2019-06-04

		D0		E !	D0	
	D	R2	U	Fw'	Bw2	
	Lw'	R	D2	В	Dw2	
	Rw'	Lw'	Dw	Rw	FW	
	Bw	D'	L	F'	LW	
	L2	Dw'	Uw2	U'	Bw2	
	B2	Fw'	Lw2	BW	B2	
1.	F	Dw'	Rw2	Fw'	Rw2	
	D'	U	Lw'	Rw2	B	
	R'	Dw'	F	B2	Bw.'	
	Rw B'	FW'	UW	D	Bw'	
		Lw' L	U2	D2 U	Dw'	
	Bw'		Rw2	U	L	
	3Fw	3Uw'	1.0	F.C.	. 1	
	L'	D2	L2	F2	L'	
	R'	Bw2	Dw2	В	U2	
	LW	Rw2	Uw	Fw2	L	
	Bw'	Uw2	U	B F'	L2	
	F2	Dw I	RW		Bw.'	
	U2	Dw '	Bw U	R	Rw'	
2.	D2	Uw'	Dw	F2 L'	Bw2 B2	
	Uw2 Bw2	Fw2 Rw	Dw '	Uw2	B'	
	DW	RW	F'	B2	Bw	
	Fw'	Rw '	Dw	Uw2	R'	
	D2	F2	Dw2	L2	Bw	
	3Rw2	3Uw2	DWZ	LZ	DW	
			F'	1 1.7	Dw'	
	Fw Fw2	B2 B	r Uw2	Lw R	Bw'	
	rw∠ Dw'	F'	Rw2	Uw	RW	
	Uw'	F'	Lw2	F2	Bw2	
	D2	Lw'	UW	BW	L2	
	R2	U	Lw2	Bw2	DW	
	LW'	Rw2	D	U2	Lw'	
3.	Bw	DW	Uw2	B'	R	
	F	Uw'	Rw2	D2	Lw2	
	ь' В'	Bw'	Uw2	LW	Rw2	
	U2	Bw	D'	L2	Lw'	
	U	Rw'	B'	L	U	
	3Rw	3Uw2	_	_		
	J. 177	J J 1112				

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

333mbf Scrambles for 2019-06-04

6.	F F R	U2 D2 D	_	R'	D'	L2 F' L'	L'	
	UW							-