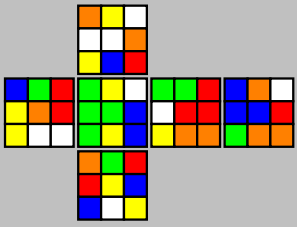
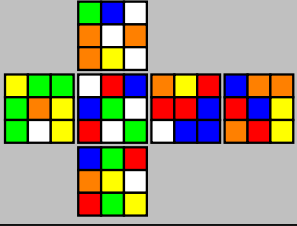
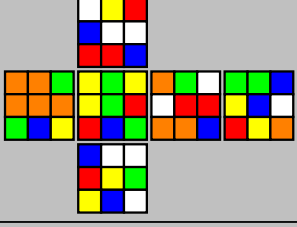
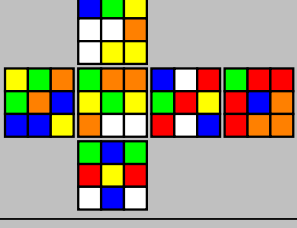
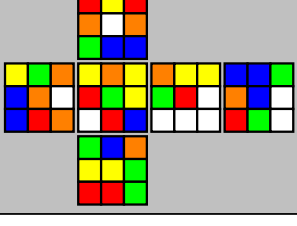
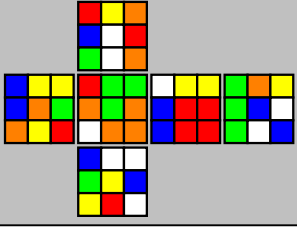
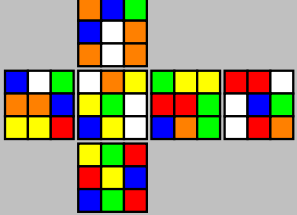
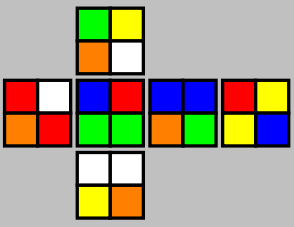
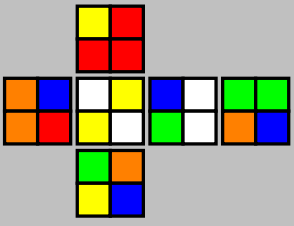
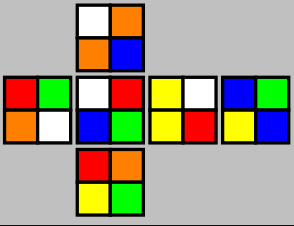
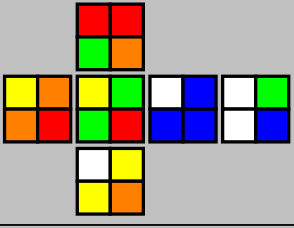
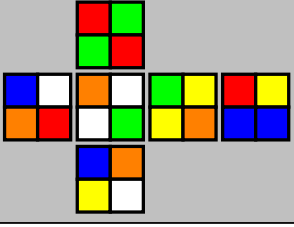
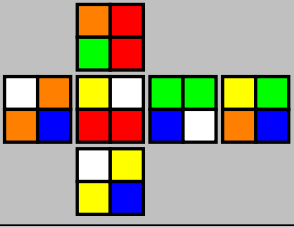
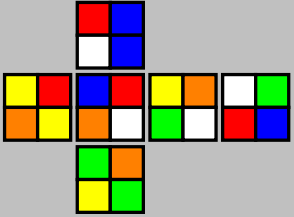
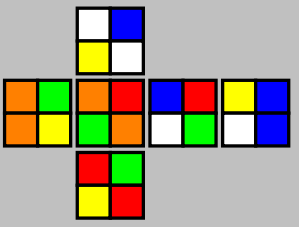
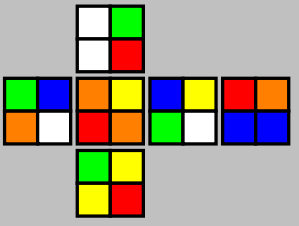
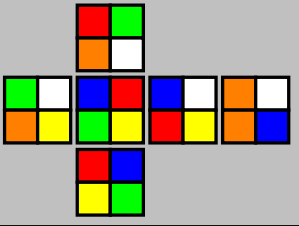
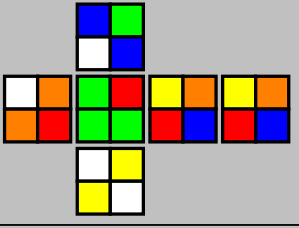
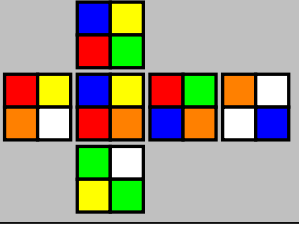
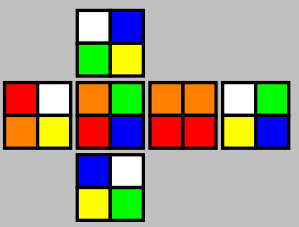
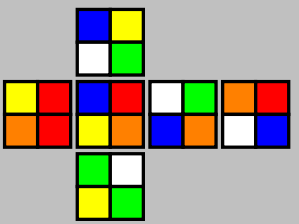
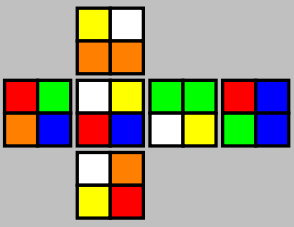
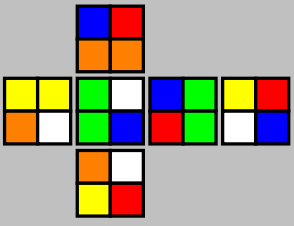
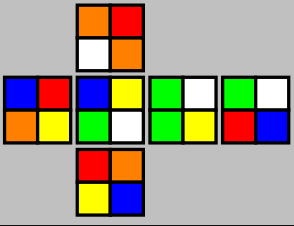
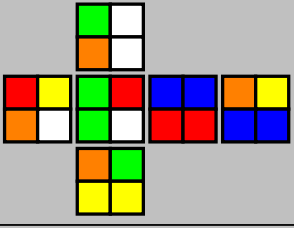
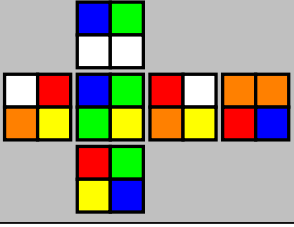
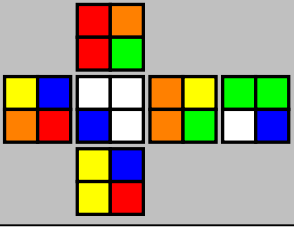
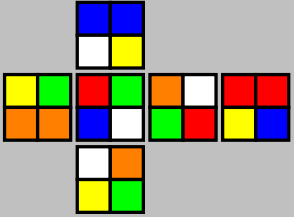
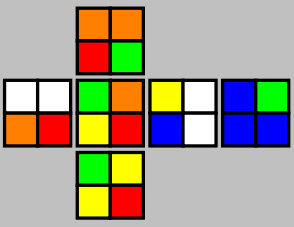
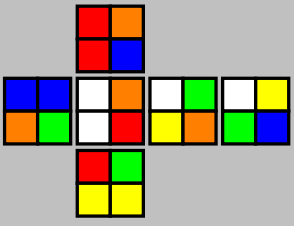
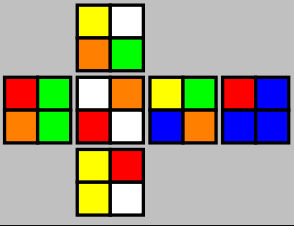
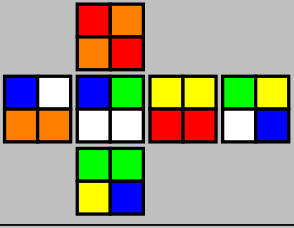
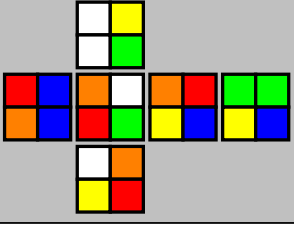
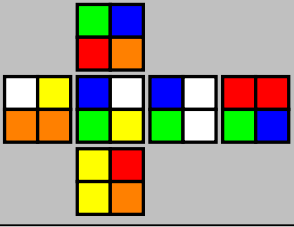
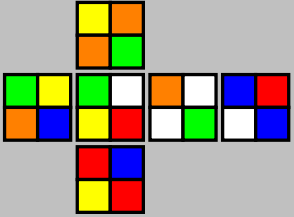


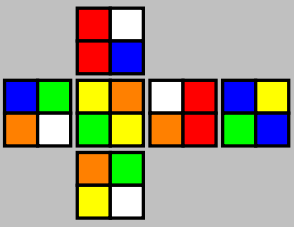
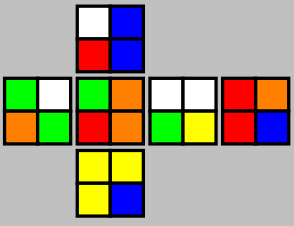
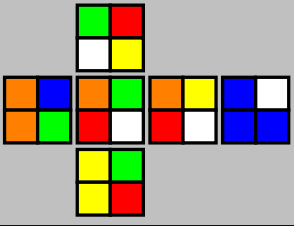
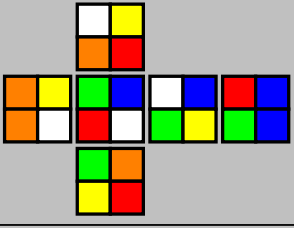
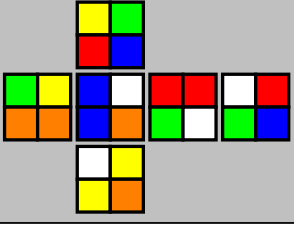
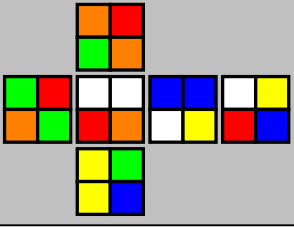
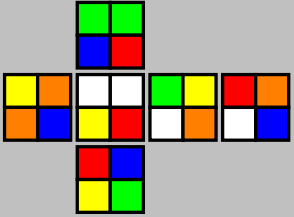
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2.	U2 L2 D F2 U R2 D B2 L2 B R' F D' R' D' U' B2 R D' B	
3.	L' U' B R' U B' R F2 R' L2 B' U2 R2 B2 R B2 R' D2 L2	
4.	U2 D' L' U' B' R F R2 L2 F' D2 F2 U L2 D L2 B2 U' B2 D' B2	
5.	D2 F U D' L' D2 L B' D' B2 R L2 D2 F2 L2 B2 R2 F U2	
Extra scrambles		
E1.	F2 U L2 D' B2 U B2 L' U L2 U2 L2 R' D' B L' R2 F U'	
E2.	F L2 R2 F' U2 F' D2 F D R' D2 L D F' U' L' B' D' F2	

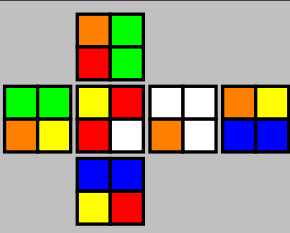
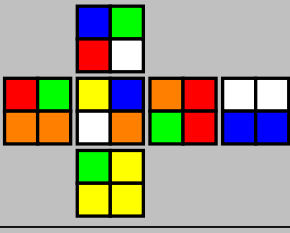
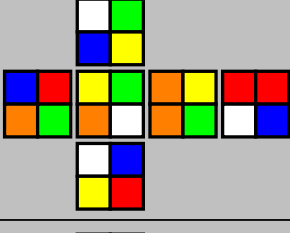
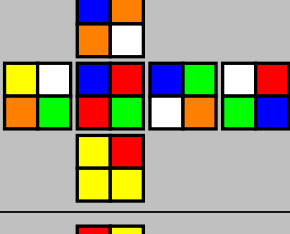
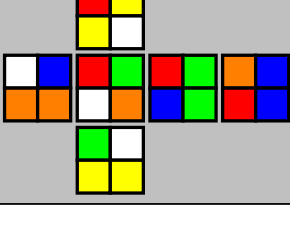
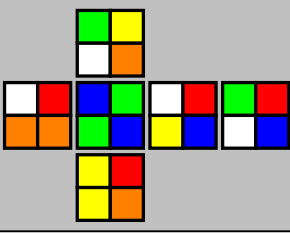
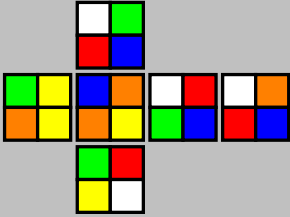
1.	$R' F' U^2 F' U' F' R U' R U^2 R'$	
2.	$U R' F R^2 F' U^2 R^2 F U' R U'$	
3.	$F R^2 U' R' U' R U' F R U^2 R$	
4.	$F U' F U' F R F' R^2 U' R U'$	
5.	$R' U^2 F U^2 F R U' R' F^2 R^2 U'$	
Extra scrambles		
E1.	$R' U^2 F U' F' U R' F R^2 F' U'$	
E2.	$U R' U' R U R F' R^2 U R' F$	

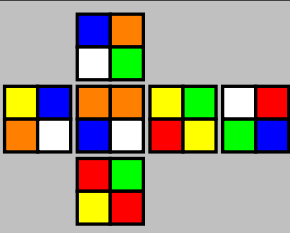
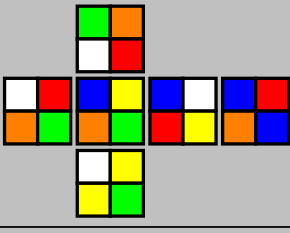
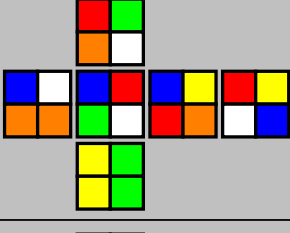
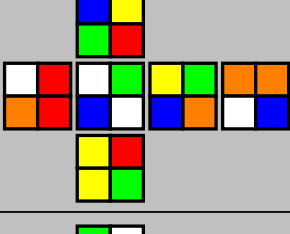
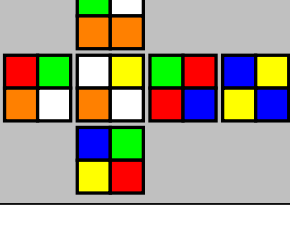
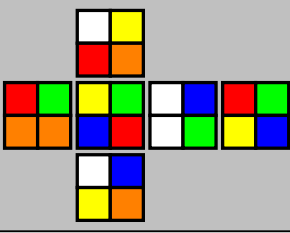
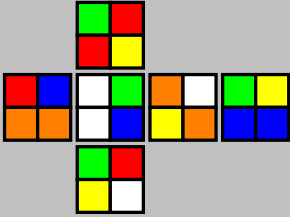
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2.	$F R U R' F R U^2 R F' R^2 U'$	
3.	$U' R' U' F U' F^2 R U F U' R^2$	
4.	$U R' U' F^2 R U^2 R U^2 R U^2 R'$	
5.	$U R' F' U R U R' U' R U R$	
Extra scrambles		
E1.	$U' R' U^2 F R U^2 R' F^2 U^2 F U'$	
E2.	$U' R' F' U R^2 U' R' U R' F' U^2$	

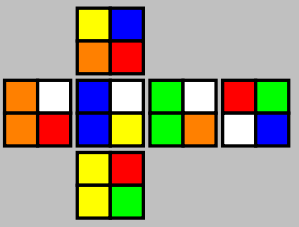
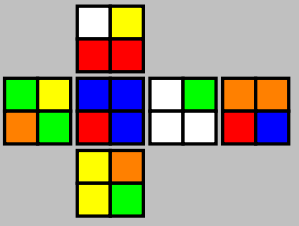
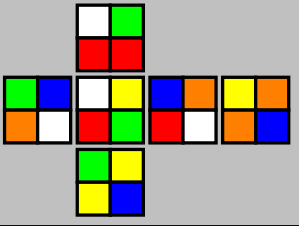
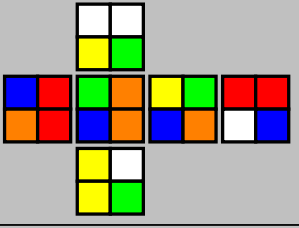
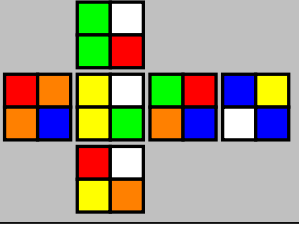
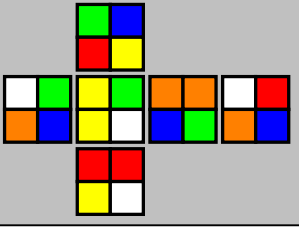
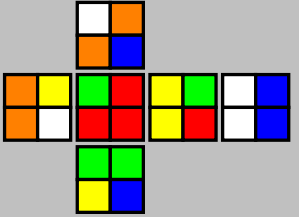
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2.	R' U' R U' R U2 R U R' U' F	
3.	U' R U' F U R' F R U' R2 U'	
4.	R' U2 R U2 R F U2 F' U' F U'	
5.	U2 R' F R2 U2 R' U2 R' F U R2	
Extra scrambles		
E1.	U2 R F' U' R2 F R U' R U2 R2	
E2.	U' R' F U2 F' U2 F R U R' F'	

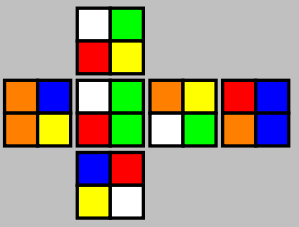
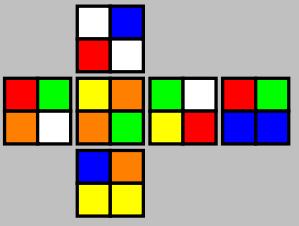
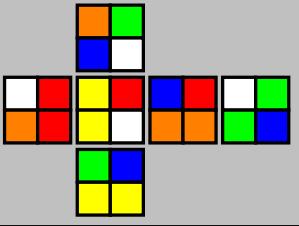
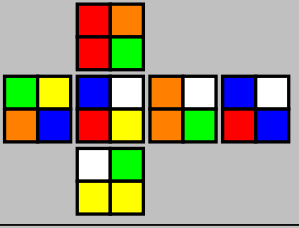
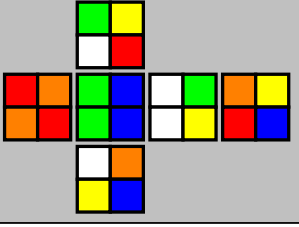
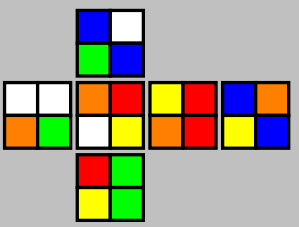
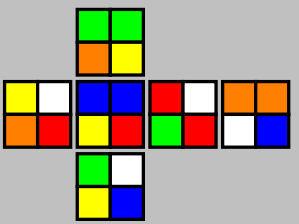
1.	$U' R' F R^2 F' R' U R' U' F' R$	
2.	$U' R' F U' F U' F R F' R' U^2$	
3.	$F U' F U' F U' F R U R U^2$	
4.	$U^2 R F' U^2 R' U R' F U^2 R U^2$	
5.	$F R^2 U' R' U R^2 U' R^2 U^2 F U^2$	
Extra scrambles		
E1.	$U R' U^2 R U^2 R^2 F' U^2 F U' R^2$	
E2.	$U R F' U' R^2 U' R U F' U^2 R'$	

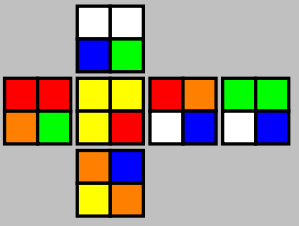
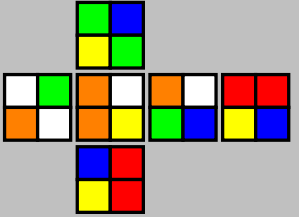
1.	$R^2 F R U R' U' F U^2 R U^2 R'$	
2.	$U R' F' U R^2 U^2 R^2 F U' F' R^2$	
3.	$U^2 R' U' R U' R U^2 R^2 F' U' F'$	
4.	$U R U' R' U' R U' R^2 U F R^2$	
5.	$R' U' F U^2 R' F U' F U F' U'$	
Extra scrambles		
E1.	$U' R' F U^2 F R^2 U' R^2 U' F R$	
E2.	$R U^2 F U' R U R' U R^2 U' R^2$	

1.	$R' U R U^2 R^2 U^2 R' F U^2 F U'$	
2.	$R' F U' R U' R' U' F' U' R^2 F'$	
3.	$U^2 R' U^2 F U R^2 U' R^2 U^2 R^2 F'$	
4.	$R' F^2 R^2 U^2 F U' F R U R' F$	
5.	$R' U' R' U' F R^2 U^2 R' U' R' U'$	
Extra scrambles		
E1.	$U' R U^2 F' R^2 F U^2 R^2 F' U' R'$	
E2.	$U' R^2 F R U' R' F U' R^2 U^2 R'$	

1.	U R' U2 F' R U2 R F' U' R2 U'	
2.	U R' U R' U2 R2 U' F' U' R' U'	
3.	U2 R U2 R' U2 R' F' U2 F U2 R	
4.	R U' R' U' R' U R' F R' U' R	
5.	R' F2 U R U' R' U2 R F' R U'	
Extra scrambles		
E1.	R' F2 U' F R U2 F' U2 R U' R'	
E2.	R U2 R2 F U2 F R U' R' U2 F	

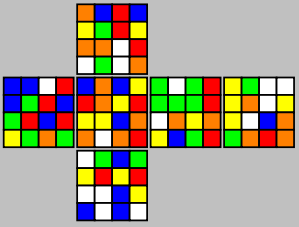
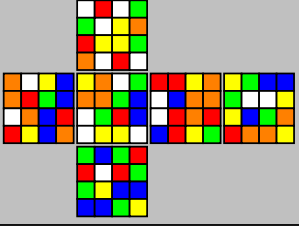
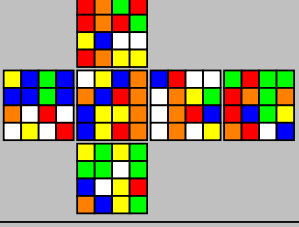
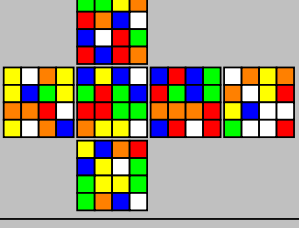
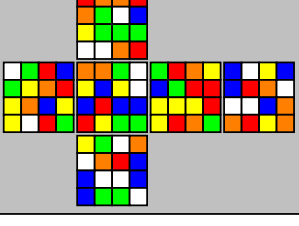
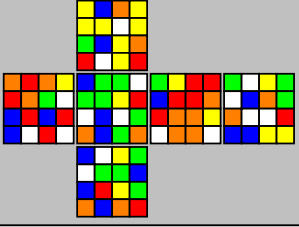
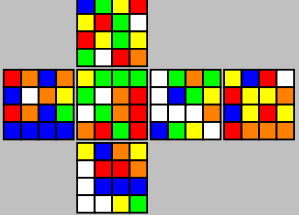
1.	$R' U R' F R U' R' U^2 R^2 U' R'$	
2.	$R U' R^2 F U^2 R^2 U' R U' R' U'$	
3.	$U R' U' F' R U' R' U' F U R$	
4.	$F R U^2 R F R^2 F' R^2 U' F R$	
5.	$U' R U' R^2 F R^2 U^2 F R' U R$	
Extra scrambles		
E1.	$U R' F U' F U' F' R^2 U' R' U$	
E2.	$R^2 U^2 R' U^2 R' U' F^2 R U R U^2$	

1.	$U' R U' R^2 U F^2 R U^2 R U^2 R'$	
2.	$U' R' U^2 R U' R' U' R U' R F'$	
3.	$R U' R' U' R^2 F R U^2 R' U' R$	
4.	$R^2 U' R^2 U' R U' R^2 U' F U' F$	
5.	$U R U' R^2 U' R^2 U^2 R^2 U^2 F^2 U'$	
Extra scrambles		
E1.	$R' F' U' F U' F^2 U^2 R U R' F$	
E2.	$R' U R' U' R^2 F R U^2 R' U^2 F$	

1.	$U^2 R F' U' R^2 U^2 F R' U' R^2 U^2$	
2.	$R' F U' F R^2 U' F' R' U R^2 F$	
3.	$U R' F R U R' F U^2 F R^2 F$	
4.	$U R' U F R^2 U' R^2 U' F^2 U R$	
5.	$U' R' U' R' U^2 F' R U^2 R' F U'$	
Extra scrambles		
E1.	$R' F U^2 R^2 U' F R^2 U' F U' F$	
E2.	$R' U F U' R' U' F R U R' F$	

2020-03-30

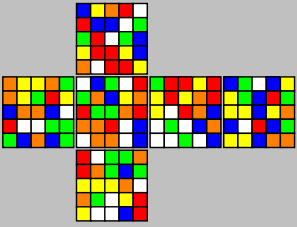
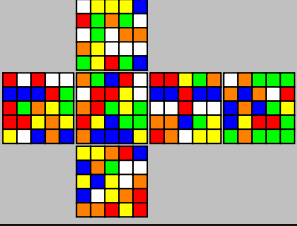
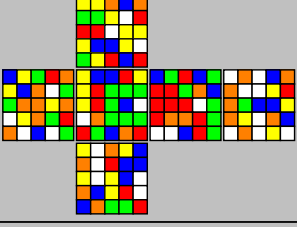
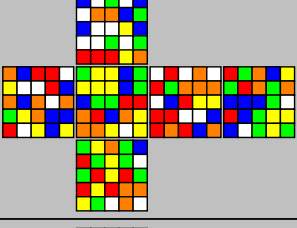
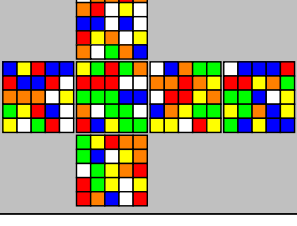
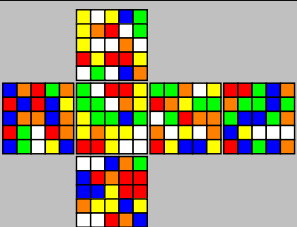
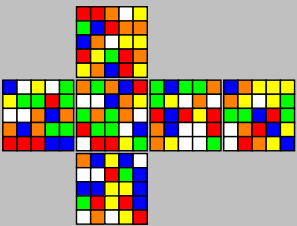
4x4x4 Cube Round 1
Scrambles for 2020-03-30

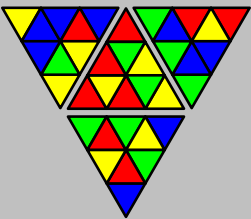
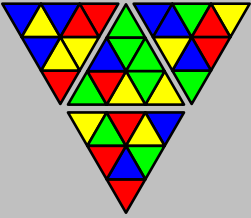
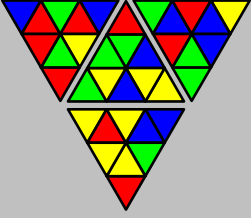
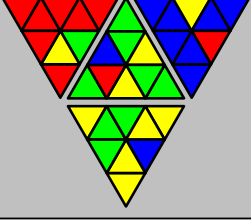
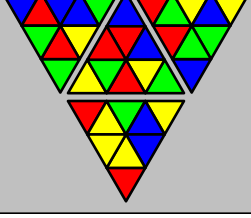
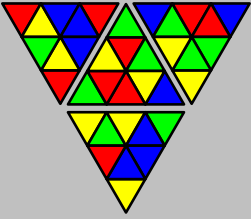
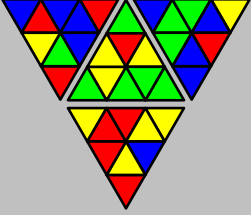
1.	L' U2 D2 B2 L' B F' U L F2 L2 R2 B L2 D2 F R2 U2 B D2 Rw2 U Fw2 Rw2 L' Fw2 U2 L D2 Fw2 Uw2 D R' Fw' F' U Fw Rw2 L' Fw R2 Rw Uw U Fw'	
2.	R2 F' R2 F2 R2 L2 U2 F2 B R' U2 R2 B' L2 F D L' U' F' B' Fw2 L' F2 Rw2 Uw2 B R L' F2 Uw2 F' B U' Rw2 Uw' B' Uw B Uw Rw B2 Rw L B' R	
3.	U2 B2 U2 R D2 B2 U2 R' F2 R U' B' L B2 R D2 L' D' F B Uw2 Rw2 B' D2 L R Uw2 B' R' Fw2 F2 D2 L' U L' Uw Fw2 D L Fw' Uw' F2 Uw2 Rw2 F' L	
4.	R B2 U2 R F2 D2 R' F2 R' B' D2 U B' D F2 D2 L' F' B' R Uw2 Fw2 L' Fw2 U2 F Uw2 L F' L2 Uw2 B R2 Uw' D' U' F' B2 Rw B2 Rw2 U' B Rw	
5.	L' F' L B' L U' L2 B2 R U D F' D2 B2 L2 D2 R2 D2 Fw2 L Uw2 U2 Rw2 D2 R2 Fw2 Rw2 B R' F Uw Rw2 L B2 Rw2 F Fw Uw F Rw2 R Fw Uw2 L2	
Extra scrambles		
E1.	D F2 R B2 D R D B D R' U2 L2 F' D2 L2 F D2 L2 Uw2 R' Fw2 L B' Rw2 Uw2 Fw2 R L B F' Uw' B2 Uw' F R' B' Rw' U B' D2 Rw L D	
E2.	F2 L2 D2 F B L2 F' D2 L2 U L' B L' D' F' R F L D R2 Rw2 Fw2 Uw2 D L' Fw2 Uw2 L F2 B2 Rw2 L2 Fw D2 Fw' R2 L Fw' Uw2 Rw U' B' Uw L2 D	

2020-03-30

5x5x5 Cube Round 1

Scrambles for 2020-03-30

1.	F Rw2 L2 Lw' Fw' Lw2 R2 B Dw Uw' B2 U2 R Bw U2 Lw' Fw' Bw' Uw Fw' F2 R F L2 Fw Lw L' R' Bw2 Rw U2 L' B' Lw2 F Fw' R' F2 U Uw' Fw' U L' Rw' U' L' Dw2 Bw U F B L D' R2 L2 U' Lw Uw' Lw' Dw'	
2.	B2 F Fw Bw2 L2 F' Lw D F B2 Bw' D2 R' L U' Dw2 F2 Fw2 L' Uw' U' R2 Uw2 B' D' L' Lw' Dw B2 F' L2 Rw2 Fw' Lw2 F U2 Dw2 D' B' Uw' U Fw2 L Bw Dw Uw Bw D' F2 D2 Rw2 L' F' Dw2 Lw' F2 R2 Dw' Fw Dw2	
3.	Rw' D Bw' Rw Fw' Bw2 R Rw2 L U2 Lw F Fw U2 B' Fw' D2 U' L2 D Fw R2 Lw2 Rw' F' Dw Rw U2 F' Dw' F2 Lw' D' Bw2 Lw2 U2 Dw Bw2 D Fw F2 Rw Uw' F Lw' Rw2 F' B' Fw' Bw2 L2 D2 F2 Dw2 U D Fw U Dw F	
4.	Uw' U Rw2 Lw' D' Dw2 R2 Bw R' Dw2 Fw B2 Dw Bw' R Dw2 D' Uw' Rw' L' U2 Lw L' Uw Rw' R' L Dw' U' D B' R' Lw' B2 L' Dw Fw2 Uw' D2 R' Lw' Fw' D' B' F2 L' U2 D' Dw R2 F' Dw' Fw2 Lw' F' Fw2 U' Lw Uw2 Rw'	
5.	F2 R2 B2 Rw D U2 L R2 Bw' Rw2 Dw' Fw F2 U' B2 F' L B2 Bw2 F2 Lw' D R2 F' R2 B U L F2 D' Fw R2 Lw' Uw' R2 Fw2 Bw Rw' L U Fw2 Rw' Uw2 Lw F B2 R B2 D2 L Fw2 B' U2 D B2 U' D2 L' R Fw2	
Extra scrambles		
E1.	Lw2 Rw U2 Bw' Uw F2 Fw2 L2 Fw2 Uw2 Lw R2 Fw Rw D' Rw Uw2 U' B F2 Fw Bw L2 F' B2 Lw F' U' Dw Uw Bw U2 Fw' Rw2 R' L' Fw' R' F' U L2 D' Lw D R2 Fw Rw' Fw Bw Rw' Lw2 D2 L2 Lw' R B L2 Bw' Uw2 D2	
E2.	U D2 Dw Bw D' F B2 L Bw2 D Bw2 Uw Rw B2 Rw2 L2 R2 U' F' U' Rw2 R Dw' Fw2 L' R' U Rw' L D2 F2 D Fw' Rw D' L2 B R2 Dw L2 U2 Bw2 R2 Fw Uw Fw2 Bw2 Lw D F Bw2 R' Uw2 Lw2 Rw2 F' B2 Uw' Bw D2	

1.	L U L U B L U' R L' U' R' u' l' r b	
2.	U' L' U' R U' L' R' L B L' B l' r b'	
3.	R L B' R U' B' R U L B' R u' l b	
4.	U B U' L U R L U' B' L' R' l'	
5.	R U R' B' L R' B' L' R' U B' u' l' r' b	
Extra scrambles		
E1.	U' B U L' U L' R U' B' U' B' u l' r b	
E2.	L B R B' L' U' L U' R' L U u l b	

1.	D2 U' F2 L2 D' U B' D L2 B' R' D2 U' R' B2 F R D'	
2.	B L2 U R' D' L2 B' L2 D' L F U' L2 U' B2 R2 B2 U2 R2 U	
3.	B2 U2 R U2 B2 D2 R2 F2 R U2 F U' L2 D U' B L2 F' R'	
4.	L U D2 R L2 B' U' F R F' L' F' U2 D2 L2 B' L2 B R2 F2	
5.	U R' D B' L' F' L' U' R' U R2 U2 R B2 L2 D2 F2 L' F2 B2 R2	
Extra scrambles		
E1.	U R' L2 U' B R2 D' F D B L U2 F2 R2 U' F2 B2 U' L2	
E2.	D B2 U B2 L2 D' L2 F2 U2 R U' R' B R' U F2 D R' U	