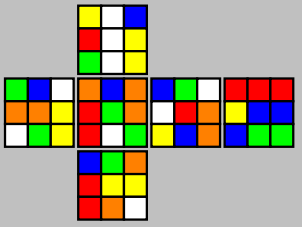
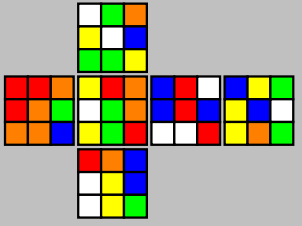
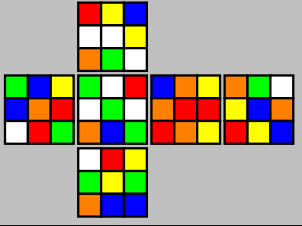
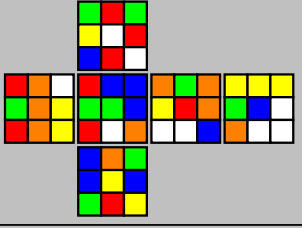
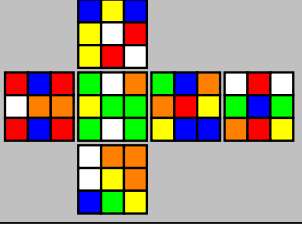
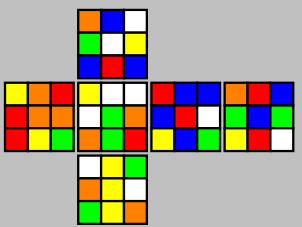
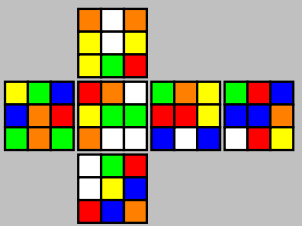
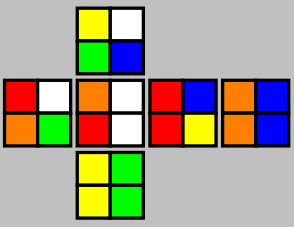
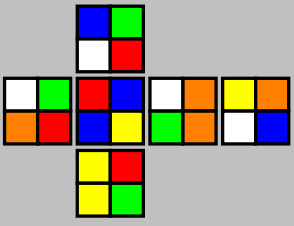
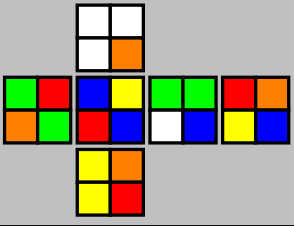
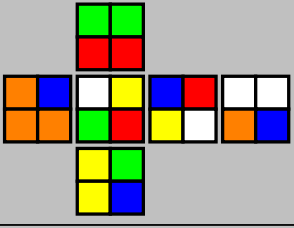
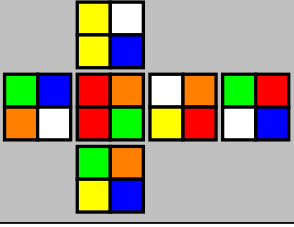
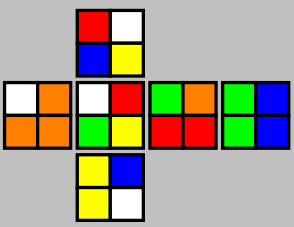
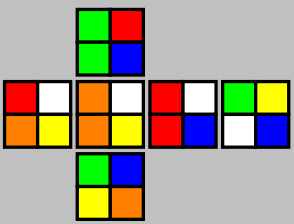


1.	R' D2 R D2 R' B2 L U2 L' B' R U B' D' F' D2 F U2 R2	
2.	U2 R2 B2 F' L2 F R2 F' L2 F2 U' R2 D U L' R2 D2 R2 U R	
3.	B D2 B2 R' D2 F R' F L' D L2 F2 L F2 D2 F2 L2	
4.	U2 L2 U2 F2 L' R2 B2 R' F' D2 B2 U' F' U B2 L' R' U2 F	
5.	D2 B' L2 F2 L2 R2 U2 L2 B2 U' L D2 B' U F2 D2 U R F' D'	
Extra scrambles	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

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

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