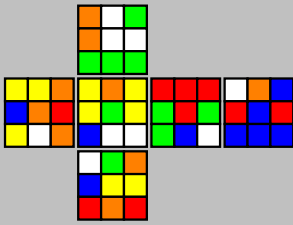
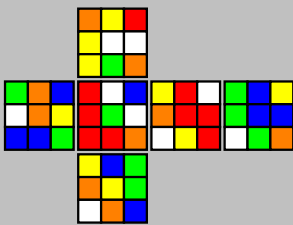
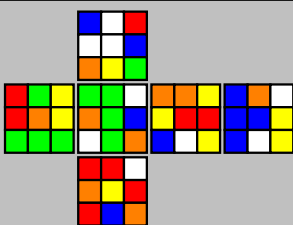
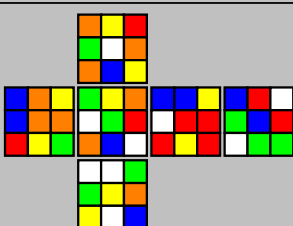
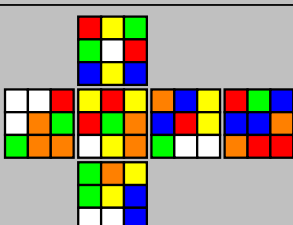
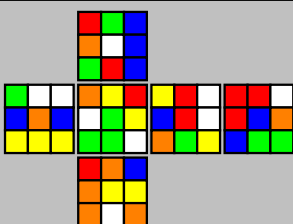
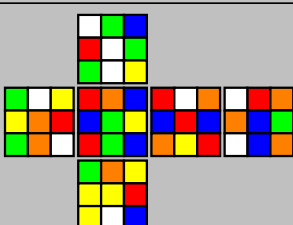
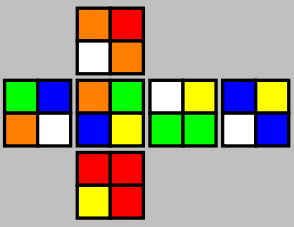
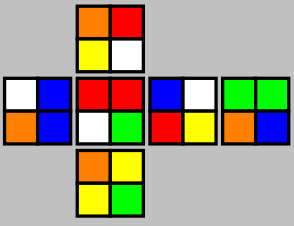
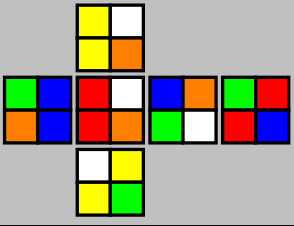
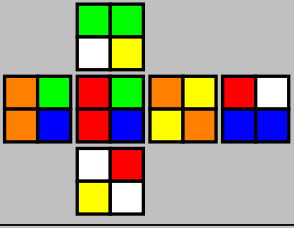
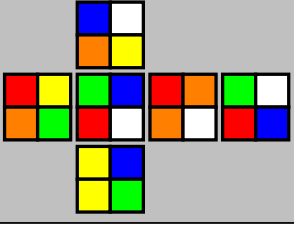
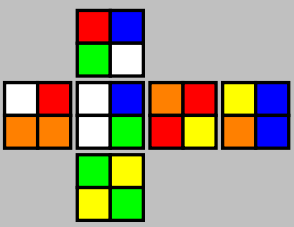
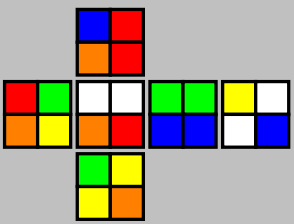
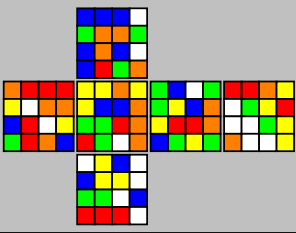
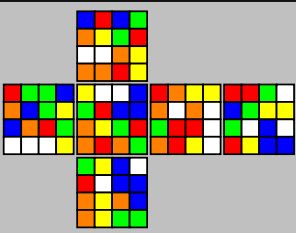
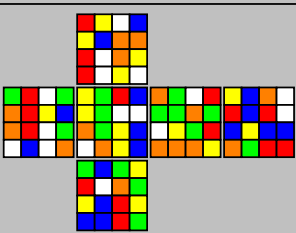
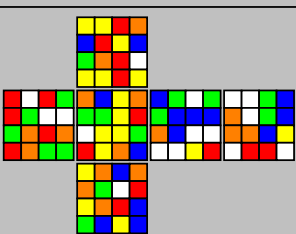
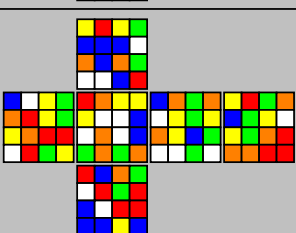
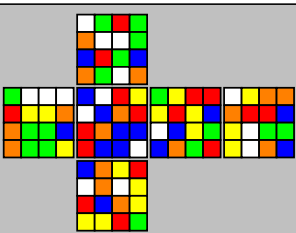
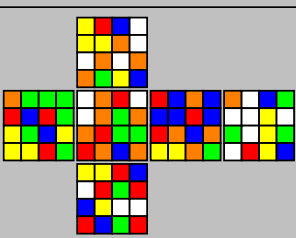
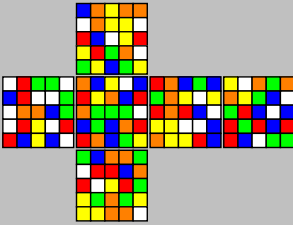
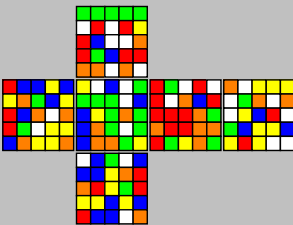
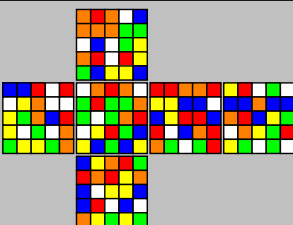
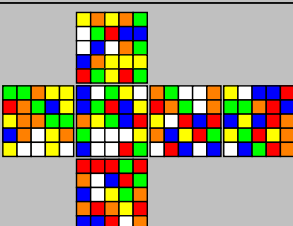
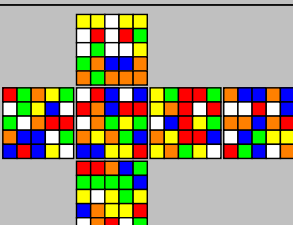
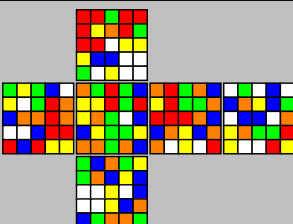
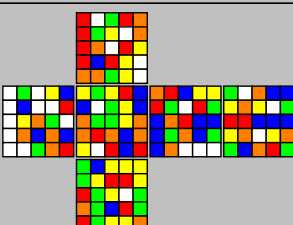


1.	$F' R2 F R2 F L2 U2 F2 U2 B'$ $R U2 L2 U F' L' D' R' F' D2$	
2.	$U2 F2 D2 B R2 B F2 R2 F' U2$ $F2 L R2 U2 B R D' R F2 D'$	
3.	$U' B2 F2 R2 B2 D' U' F' D L2$ $F' U' L' D2 F' D U2$	
4.	$R2 B' L' F' R U' R' U B2 D$ $R2 F2 U2 F U2 B2 L2 B' L2 D2$ $R2$	
5.	$F2 L' F' B' U R2 U2 R' D F'$ $L2 U2 D2 B2 D'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

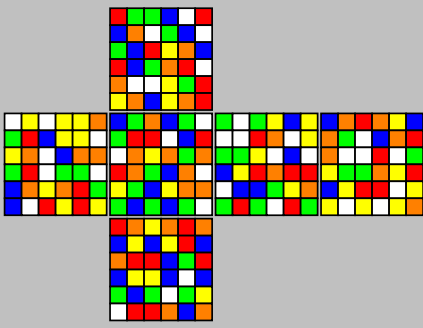
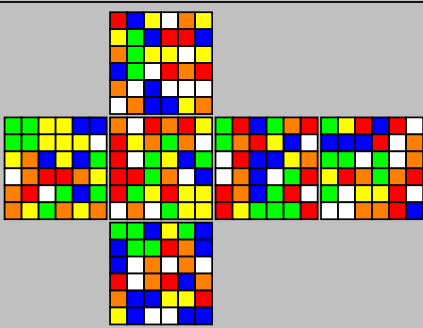
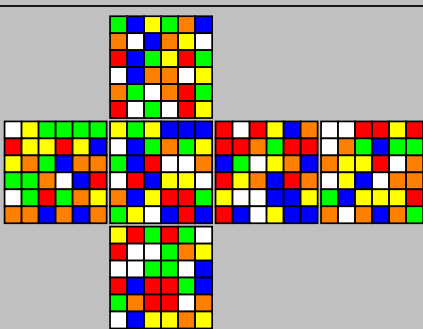
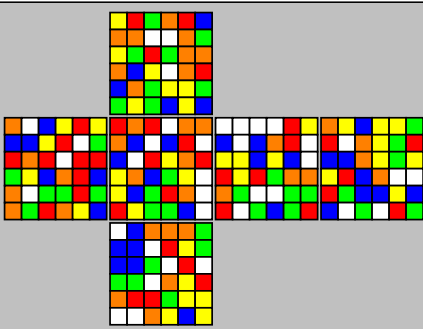
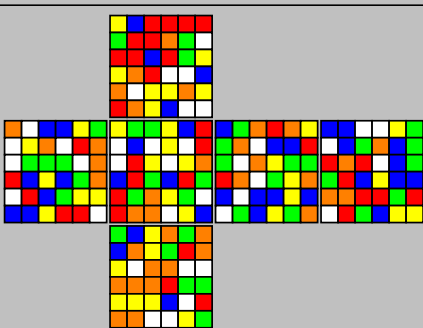
1.	$U' R^2 F' R' U' R U^2 R^2 U' F R^2$	
2.	$U^2 R U^2 F' U' R' U R U^2 R' U$	
3.	$U F U' F U^2 R U R U^2 R^2 U'$	
4.	$U' R' U^2 F U^2 F U R U^2 R U'$	
5.	$U' R^2 U' F' R^2 U' F R' F R U'$	
Extra scrambles		
E1.	$U R' F' R U R' F U' F R U$	
E2.	$U F' R^2 U' R' U^2 R' F R^2 U^2 R'$	

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

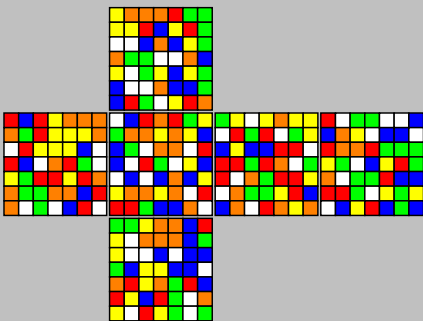
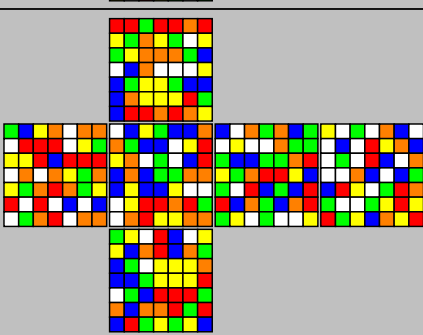
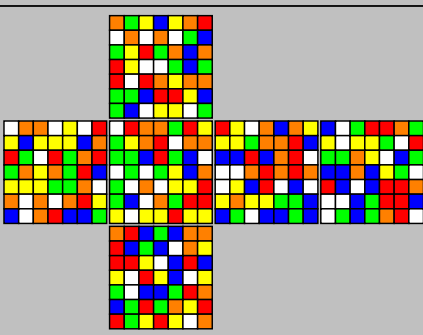
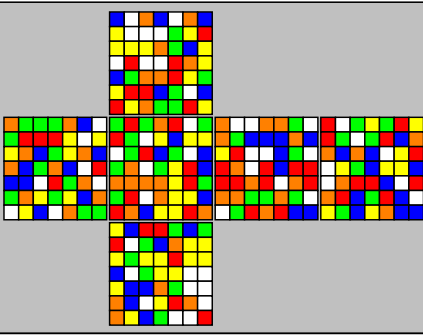
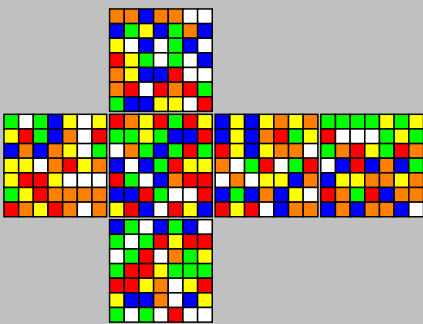
5x5x5 Cube Round 1 Scramble Set A  
Scrambles for Cube Club 2021

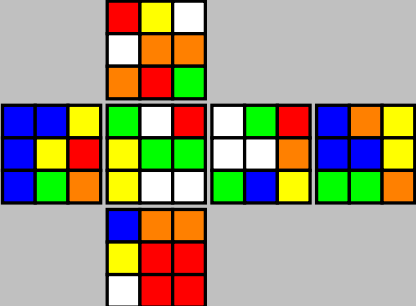
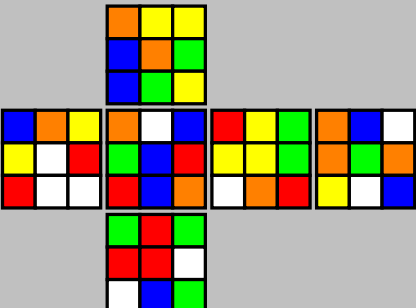
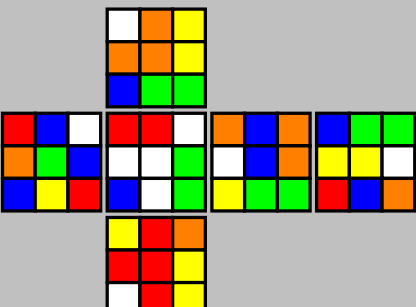
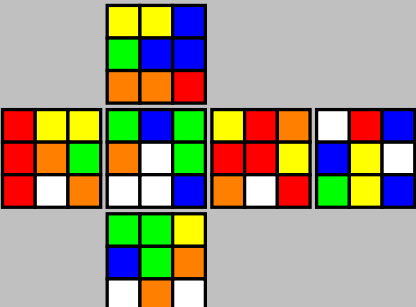
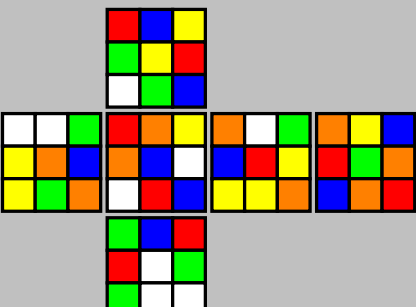
1.	<p>U2 R B Dw2 B' Rw' U D2 Fw Bw L U'                      Dw2 Fw F' B Uw' D2 B' Dw2 Fw Uw2 B2 L'                      Uw' Fw2 B' Lw Dw' D2 R' L2 Rw Fw2 B' Lw'                      Fw B2 L' Bw2 Fw Rw2 R2 L2 B' Bw2 F Dw                      U L2 Fw' U2 Fw Lw L' U2 Bw' Dw D Lw</p>	
2.	<p>D2 Uw Dw2 Lw2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

6x6x6 Cube Round 1 Scramble Set A  
Scrambles for Cube Club 2021

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

7x7x7 Cube Round 1 Scramble Set A  
Scrambles for Cube Club 2021

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

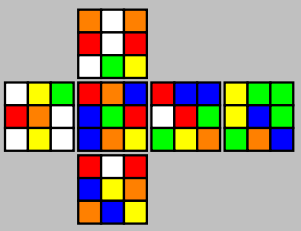
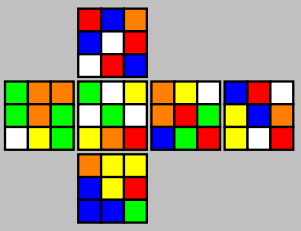
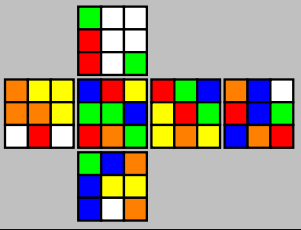
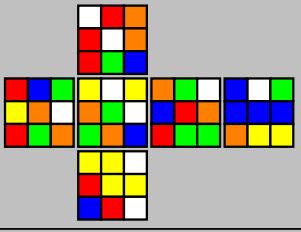
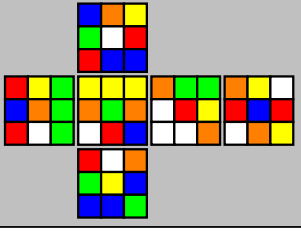
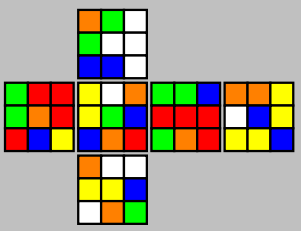
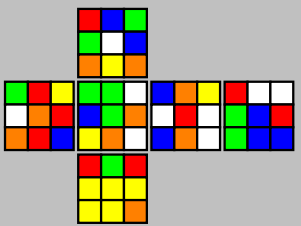
1.	<p>L2 F2 D' L2 F2 D L2 R2  D2 R2 U2 F R U2 F U  R2 B2 L' D Fw</p>	
2.	<p>L' D2 B2 D2 R' U2  R F2 R D2 U' F  D L R2 U2 L2 R'  B' L Fw Uw2</p>	
3.	<p>L2 B' R2 F' U2 L2 F L2  F' R' U2 L' R' B L D  L2 B' R' Fw Uw</p>	
Extra scrambles		
E1.	<p>F2 R2 D2 R2 U2 F  D2 B' D2 L2 U' F  U R' B2 F D L  U2 R B'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

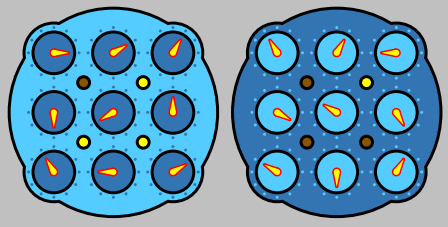
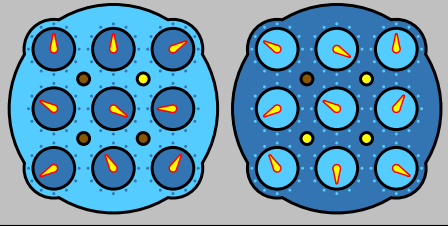
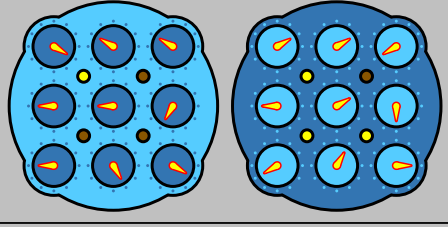
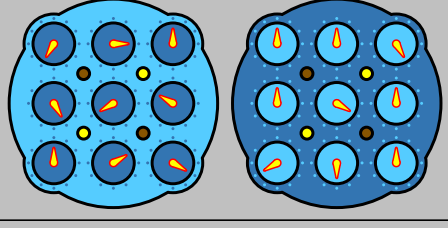
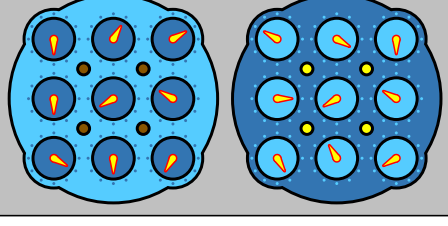
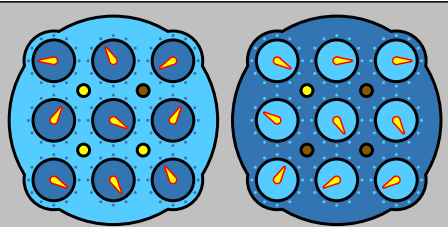
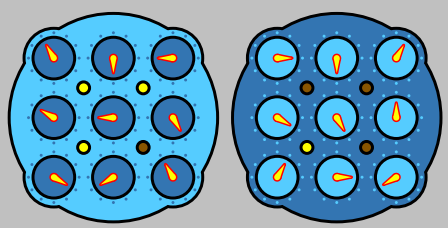




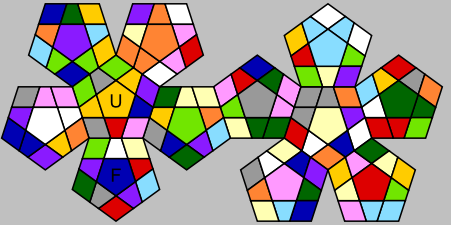
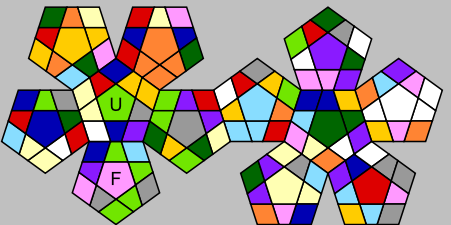
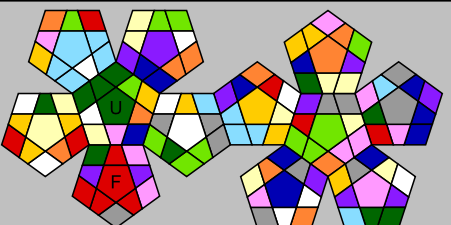
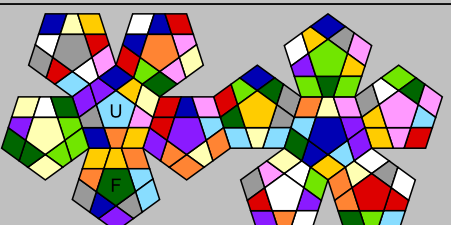
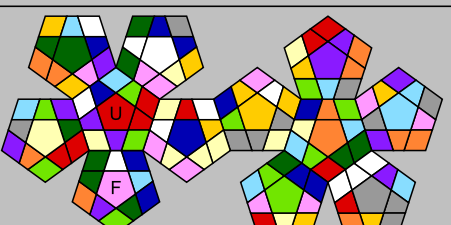
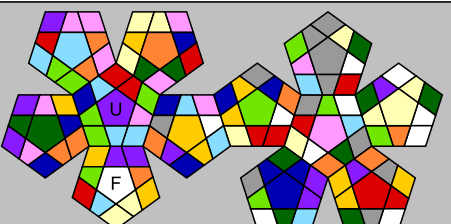
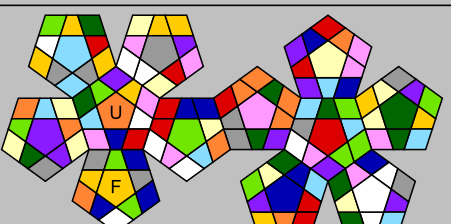


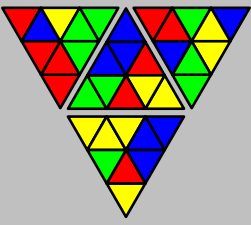
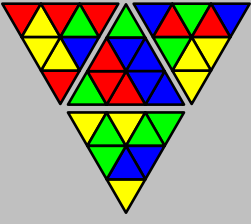
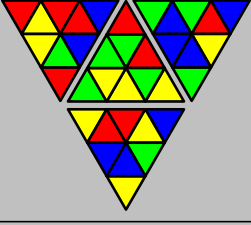
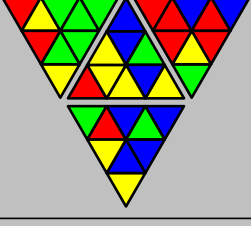
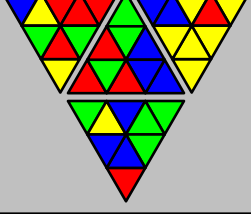
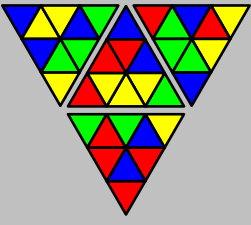
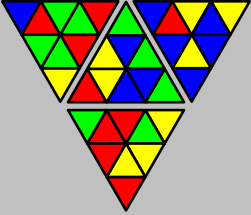


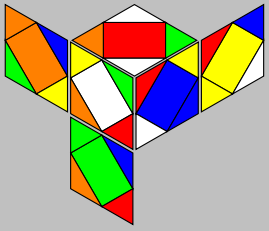
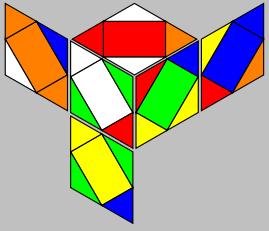
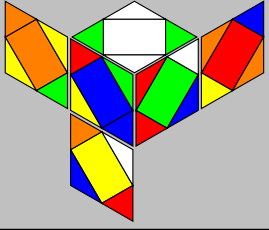
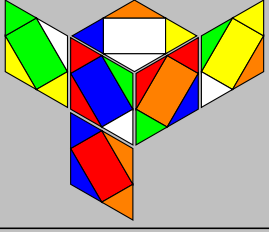
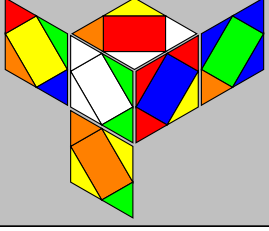
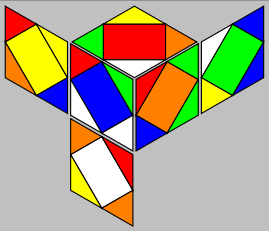
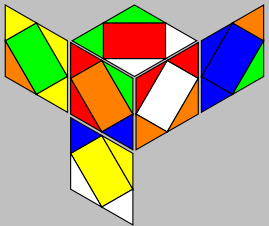
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2.	F2 D2 R F2 L F2 D2 R B2 L2 B R' D' U L' U2 B U' B U'	
3.	B' L2 R2 F' L2 B R2 F R2 D2 B' U' B F' L F' L U' B' L' B2	
4.	R F2 L' D2 L2 U2 L B2 R U2 R2 F R U' R' D' R U2 B' L2 R'	
5.	L2 F U2 B' F2 D2 B R2 B R2 D' R B' U' B2 L D2 F' D2 F'	
Extra scrambles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


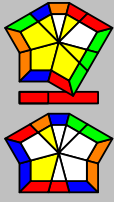

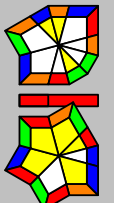
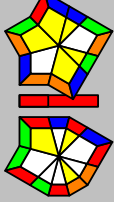
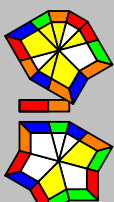
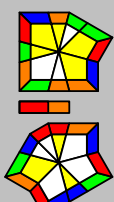
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2.	UR1- DR1+ DL1- UL0+ U5+ R2+ D6+ L2- ALL0+ y2 U5+ R6+ D4+ L5- ALL6+ UR	
3.	UR3+ DR1+ DL0+ UL3+ U5- R1+ D1- L5+ ALL5- y2 U4+ R0+ D1- L2+ ALL4+ UL	
4.	UR2- DR3- DL3- UL3- U3+ R3- D2- L2- ALL5- y2 U6+ R3+ D5+ L2- ALL4- UR DL	
5.	UR5- DR2+ DL1- UL1- U3+ R4- D3+ L0+ ALL1- y2 U2+ R2+ D5- L2- ALL1-	
Extra scrambles		
E1.	UR2+ DR4+ DL4- UL2+ U5+ R1+ D2+ L2+ ALL3+ y2 U1- R3+ D5+ L3+ ALL6+ DR DL UL	
E2.	UR3+ DR0+ DL5- UL5- U4+ R2- D4+ L3+ ALL3+ y2 U1+ R1- D3+ L4+ ALL2+ UR DL UL	

Megaminx Round 1 Scramble Set A  
Scrambles for Cube Club 2021

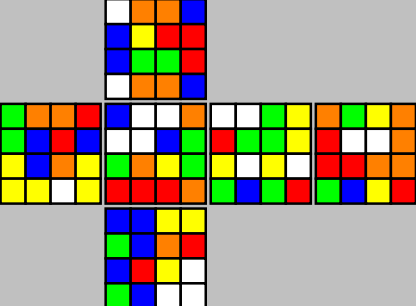
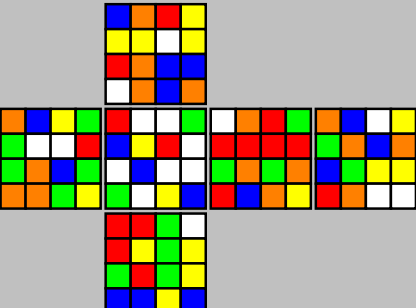
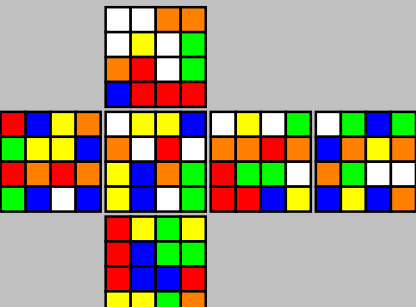
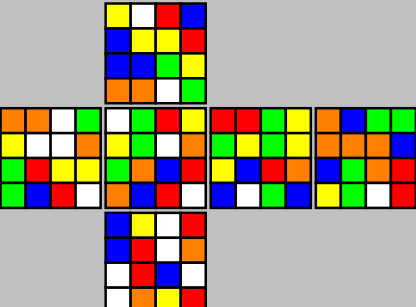
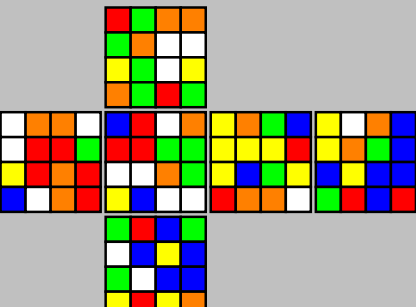
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2.	<p>R++ D-- R-- D++ R++ D-- R-- D-- R-- D++ U  R++ D-- R++ D++ R++ D++ R-- D++ R++ D++ U  R++ D++ R++ D-- R-- D-- R-- D++ R-- D++ U  R-- D-- R-- D++ R-- D-- R++ D-- R-- D++ U  R-- D-- R++ D-- R++ D++ R-- D-- R-- D-- U'  R++ D-- R-- D++ R-- D-- R++ D++ R++ D++ U  R-- D++ R-- D-- R-- D++ R-- D-- R++ D++ U</p>	
3.	<p>R++ D-- R-- D++ R++ D-- R-- D++ R-- D-- U'  R-- D++ R++ D++ R-- D-- R++ D-- R-- D-- U'  R++ D-- R-- D-- R-- D-- R++ D++ R++ D++ U  R-- D++ R++ D-- R-- D++ R++ D++ R-- D-- U'  R++ D++ R++ D++ R++ D++ R++ D++ R++ D-- U'  R++ D-- R-- D-- R-- D-- R-- D-- R-- D-- U'  R-- D++ R-- D-- R++ D-- R++ D++ R-- D++ U</p>	
4.	<p>R++ D++ R++ D++ R++ D++ R++ D++ R-- D-- U'  R-- D++ R++ D-- R-- D-- R++ D-- R-- D++ U  R-- D++ R-- D-- R++ D-- R-- D-- R-- D-- U'  R-- D-- R-- D-- R++ D++ R-- D-- R-- D-- U'  R++ D-- R-- D-- R++ D++ R-- D++ R++ D-- U'  R++ D++ R++ D-- R++ D-- R-- D-- R++ D-- U'  R-- D++ R-- D++ R-- D++ R++ D++ R-- D++ U</p>	
5.	<p>R-- D++ R-- D++ R++ D-- R-- D-- R-- D-- U'  R-- D-- R++ D++ R++ D-- R++ D-- R-- D-- U'  R-- D-- R++ D++ R-- D-- R++ D++ R++ D-- U'  R-- D-- R-- D-- R++ D-- R++ D++ R-- D-- U'  R-- D-- R++ D++ R++ D-- R-- D-- R-- D++ U  R-- D++ R++ D-- R++ D++ R++ D++ R++ D-- U'  R++ D-- R++ D++ R++ D++ R++ D++ R-- D++ U</p>	
Extra scrambles		
E1.	<p>R++ D-- R++ D++ R++ D++ R++ D-- R-- D++ U  R++ D-- R++ D-- R++ D-- R-- D++ R++ D-- U'  R-- D++ R-- D-- R++ D++ R++ D++ R-- D++ U  R++ D-- R-- D-- R++ D-- R-- D++ R++ D-- U'  R-- D++ R++ D-- R++ D++ R-- D++ R++ D-- U'  R-- D-- R-- D-- R++ D++ R++ D-- R++ D++ U  R++ D-- R++ D-- R-- D++ R++ D-- R-- D-- U'</p>	
E2.	<p>R++ D++ R-- D++ R-- D++ R-- D-- R-- D-- U'  R-- D-- R-- D++ R-- D++ R-- D-- R-- D-- U'  R-- D++ R-- D-- R++ D-- R++ D-- R-- D++ U  R++ D-- R++ D-- R-- D-- R++ D++ R-- D-- U'  R-- D++ R-- D-- R++ D++ R-- D++ R++ D++ U  R++ D-- R-- D++ R++ D++ R-- D-- R-- D-- U'  R++ D++ R++ D-- R++ D-- R++ D++ R++ D-- U'</p>	

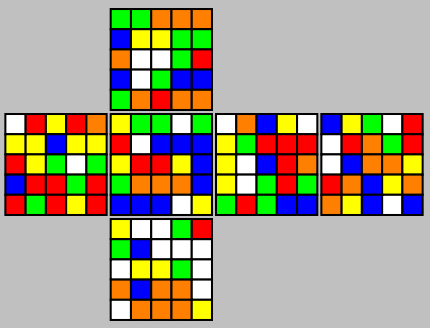
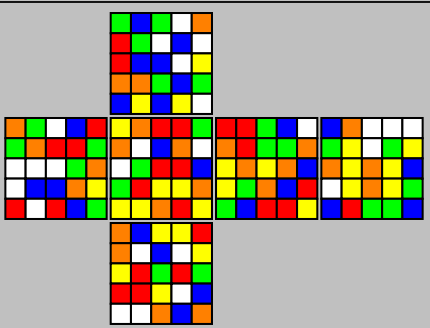
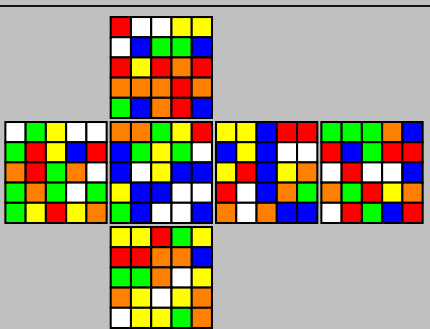
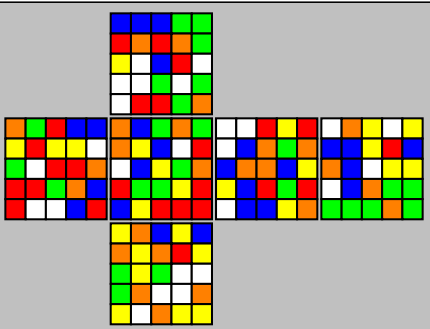
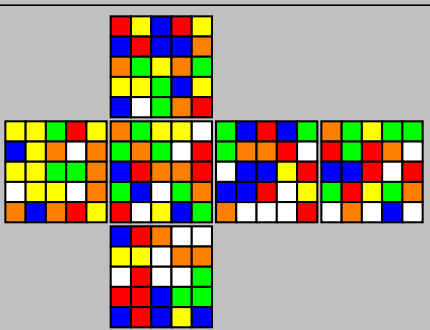
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2.	U L' R' U' B' L' U L' B L B' u' l' b	
3.	R' L R' B U R L B' R U' B' u' l r b	
4.	R B R U R B' L' R B R B l' r' b	
5.	U B U R B' L R' U B' R' L' l b'	
Extra scrambles		
E1.	U' L R L R L' U L U' B' R' u' l' r' b'	
E2.	L U' L U B U L' B R' L B u' l'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

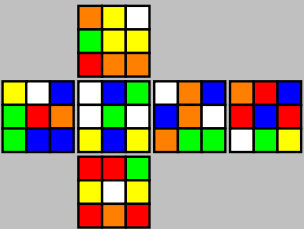
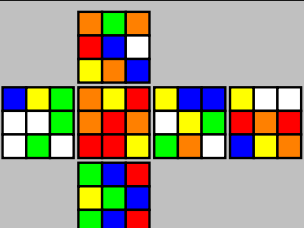
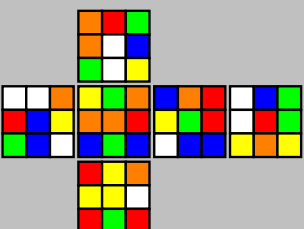
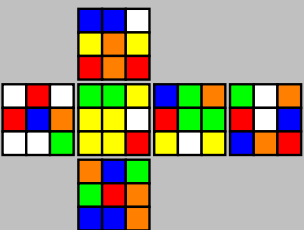
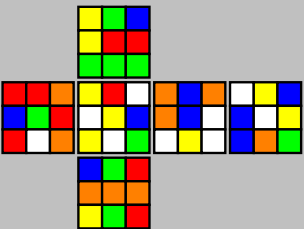
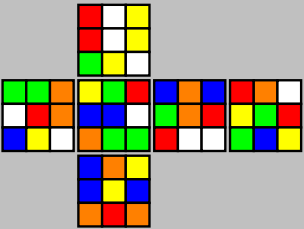
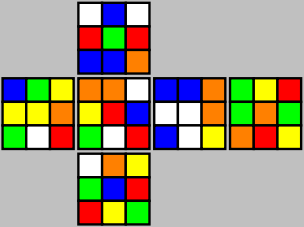
1.	U L R U' R B R' L B' L U'	
2.	B L R B' U' B' R' U' R L B	
3.	R B L B' L' U R' L' R' L U	
4.	L B L' U B' U R B L B L	
5.	U L R U' B' R' U' R U B' R	
Extra scrambles		
E1.	L B L U' L' R' B U L' B' R'	
E2.	U R B' U' R' U R U R U' L'	

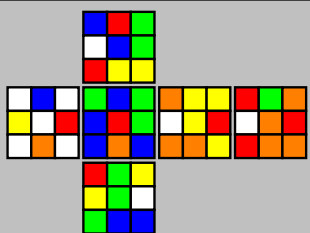
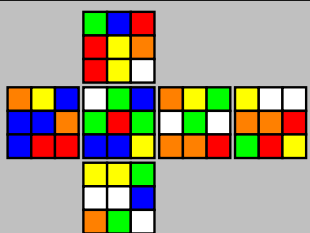
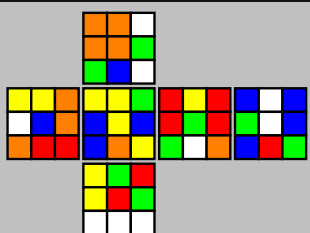
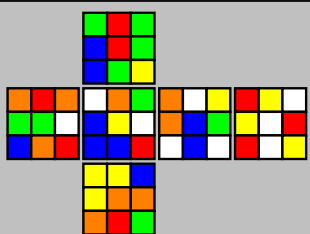
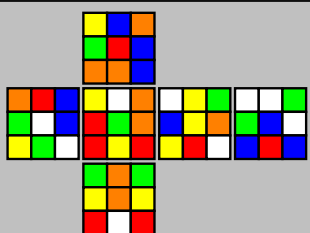
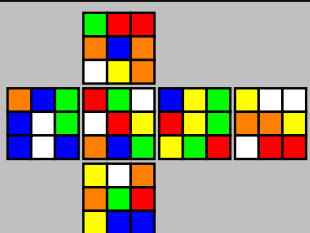
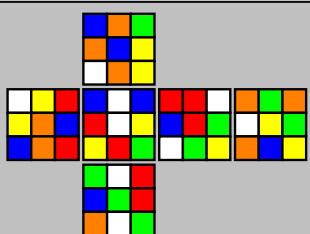
1.	$(0, 2) / (0, -3) / (-3, -3) / (-3, 0) /$ $(6, 0) / (-2, -5) / (0, -4) / (-3, 0) /$ $(0, -2) / (6, -4) / (-2, 0) / (0, -5) /$ $(2, 0) / (6, 0)$	
2.	$(0, 2) / (-5, 1) / (2, -4) / (0, -3) /$ $(4, -5) / (5, 0) / (0, -3) / (-2, 0) /$ $(5, 0) / (4, -5) / (4, -1) / (-4, -5) /$	
3.	$(1, 0) / (5, -1) / (3, 0) / (-2, -2) /$ $(-3, -3) / (0, -4) / (3, 0) / (0, -3) /$ $(4, 0) / (-1, -2) / (4, 0) / (-2, 0) /$	
4.	$(-2, 0) / (-1, -1) / (1, 4) / (0, -3) /$ $(-3, 0) / (-4, -1) / (1, 0) / (0, -3) /$ $(5, -2) / (-4, -2) / (-1, -2) / (4, 0) /$	
5.	$(1, 0) / (-3, 0) / (5, 5) / (3, 0) /$ $(-5, -5) / (-4, -1) / (-2, 0) / (0, -3) /$ $(5, -2) / (0, -2) / (-5, -4) / (6, -5) /$	
Extra scrambles		
E1.	$(4, 0) / (0, 6) / (0, -3) / (-3, 0) /$ $(2, -1) / (3, 0) / (-5, -3) / (-3, -3) /$ $(-1, 0) / (6, -2) / (0, -2) / (4, 0) /$ $(4, 0) /$	
E2.	$(4, 0) / (-4, 2) / (-3, 0) / (-3, 0) /$ $(0, -2) / (0, -3) / (4, -1) / (4, 0) /$ $(5, -4) / (6, -4) / (-2, 0) / (-5, 0) /$ $(-1, 0) /$	

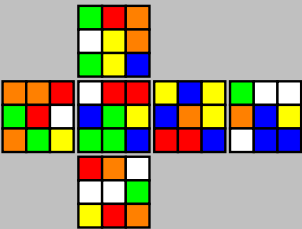
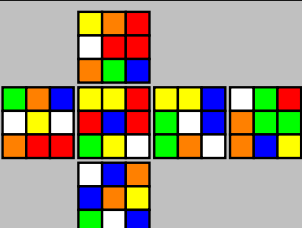
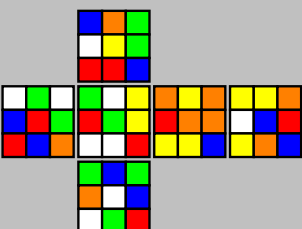
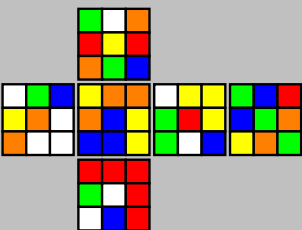
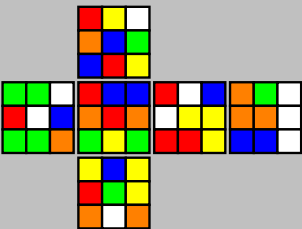
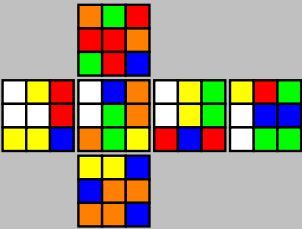
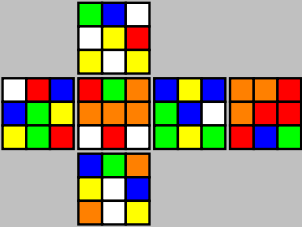


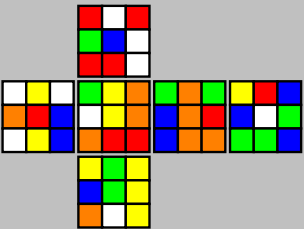
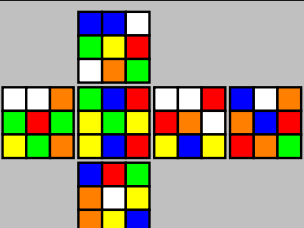
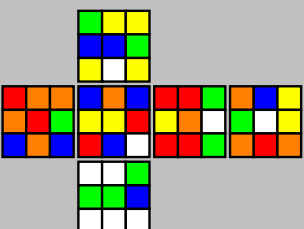
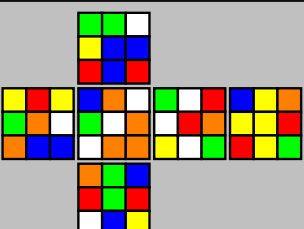
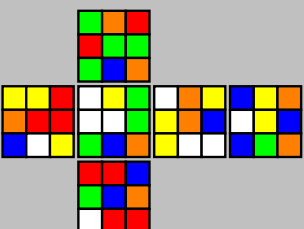
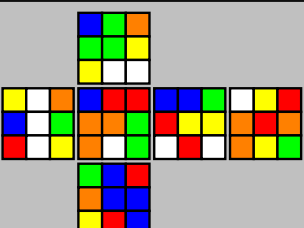
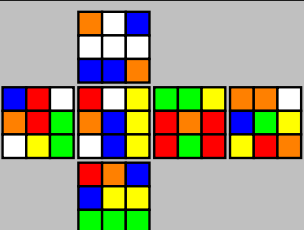
1.	<p>F2 R' F2 L' F2 U2 F2 D2            B2 U2 R2 U R2 U2 F L2            F' R' B' R2 D2 Uw2 Rw2 R'            D Fw2 R2 Fw2 L' F2 D' Fw2            Uw2 R' Fw U' Fw2 Rw D2 U'            L' Fw U' B2 y'</p>	
2.	<p>L D2 R2 D2 L' U2 F2 L'            F2 L' B' U R2 D R2 F2            B' U2 R' Uw2 B' D' B Rw2            Fw2 U2 B Uw2 R2 U' Fw2 F2            Rw R Uw2 B Uw' U Fw R            F2 Rw2 B' z y'</p>	
3.	<p>B' U' L2 B' F R2 D R            F' L B2 U2 L' D2 R' F2            U2 R U2 R Fw2 Rw2 D B2            Uw2 Fw2 D Fw2 B D' F' U            Rw R U' R' B2 Rw Uw' F'            L' F2 Rw R2 x'</p>	
Extra scrambles		
E1.	<p>D' U F2 B2 U' R2 D' B2            L2 U' R D2 B' L2 D2 L            F' L D L Uw2 Fw2 F2 B            Uw2 L' U2 B' Rw2 F L Uw'            R' B2 Rw2 D F2 Rw Fw' Uw2            Fw B' U' F x2 y</p>	
E2.	<p>L D2 B2 L2 D2 R U2 B2            R' B2 D F U2 D F L            D2 B2 R' F Uw2 F' L' Fw2            L Uw2 R' B D2 B' L Uw2            B' Uw F' Uw2 B2 U2 R Uw            B Fw' Rw U' Fw U'</p>	

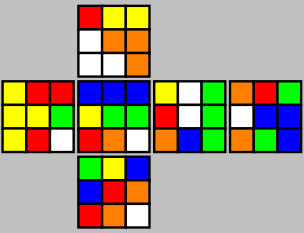
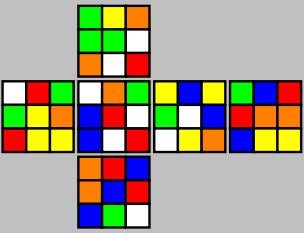
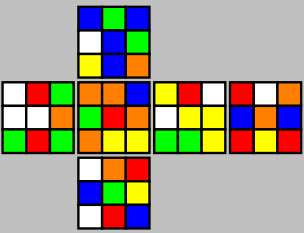
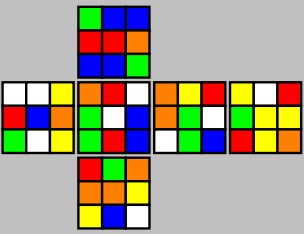
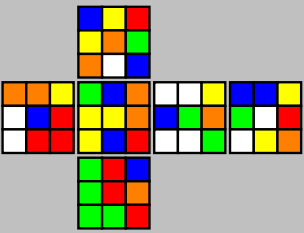
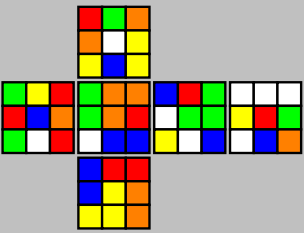
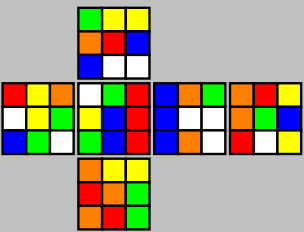
1.	<p>B2 F2 Uw' Lw' F' Rw' Dw Uw' B2 Bw2                      Rw2 B2 Lw' Dw2 F2 B2 L' Dw Bw2 L                      U' Dw' Fw' Dw2 U' B2 D U' F R'                      F Lw2 U' Rw Lw B' Lw' Rw B Rw                      F' Lw Rw2 D' U B' Lw2 D' U L2                      F' Bw' Lw B D' B' D L' B2 R   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

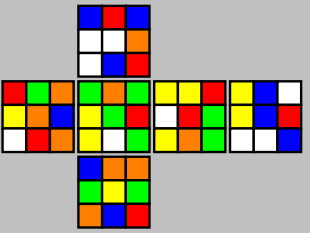
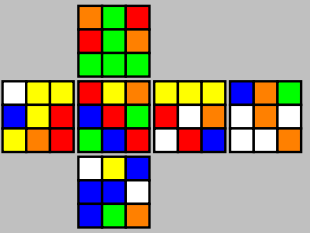
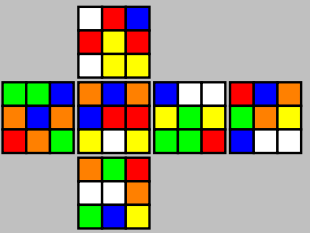
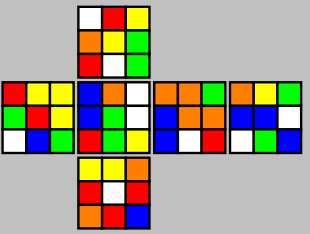
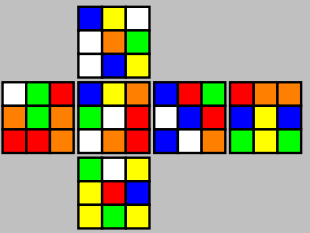
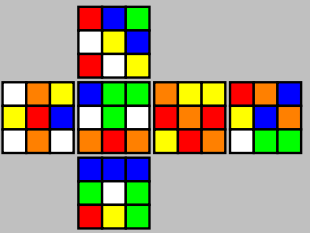
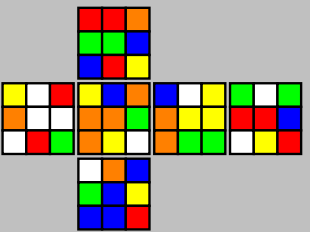
1.	<p>D' F2 R2 D R2 U' F2                  U2 L2 F' L2 D2 R U                  F L' D2 B' L B' Rw2                  Uw2</p>	
2.	<p>F2 U B2 F2 D' L2 D2                  L2 B2 F R' D2 F L2                  R U2 B' D2 U2 F2 Rw'                  Uw</p>	
3.	<p>R D2 F2 L' B2 L' R2                  F2 D L B2 L D2 R'                  B R2 U B2 Uw'</p>	
4.	<p>F2 U2 F L2 B' D2 R2                  D2 F2 D2 B' U' R' U                  L2 D F' U F2 L2 R'                  Fw Uw'</p>	
5.	<p>L2 B2 U L2 U2 L2 D'                  F2 R2 U2 L' D2 B2 L2                  B R' B F' D F' R'                  Fw' Uw</p>	
6.	<p>F D2 F D2 F' R2 F'                  D2 B' D2 L2 D' L2 R'                  B R2 U2 B2 F' L2 Uw2</p>	
7.	<p>B2 L2 R2 U' F2 U B2 U' B2 R2                  U F' D' R' D F' D2 L U B                  D Rw Uw</p>	

8.	U2 F2 R2 F L2 D2 L2 D2 B' R2 D2 L' B2 R2 D' U' B' D' B2 U2 Rw' Uw	
9.	U' F2 D2 L2 D F2 D' F2 D L' D B D2 R' D B U' L2 D U' Rw2 Uw	
10.	D2 R2 B' R2 B' D2 F' R2 U2 F2 D U' B2 F D L' D R' B2 U L' Fw Uw'	
11.	F2 D2 F' L2 B U2 L2 U2 F U' B' F2 L D' F2 R' B F' L' F2 R Fw' Uw	
12.	L2 F2 D2 L2 B L2 R2 D2 R2 B F2 L R U' L' D2 B' L D2 B D' Fw'	
13.	F2 U' L2 F2 U2 R2 F2 D2 L2 R B F' L B2 L D' U2 L' F2 U2 Rw' Uw	
14.	B F2 R2 D2 F' L2 D2 B' D2 L2 U2 R' D2 U2 B L R D L' U' F' Rw'	

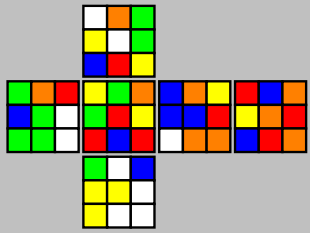
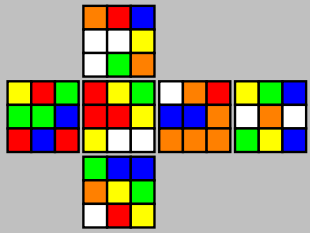
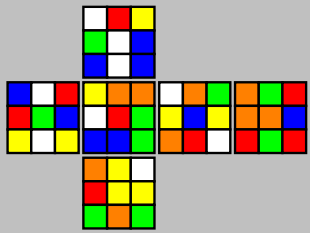
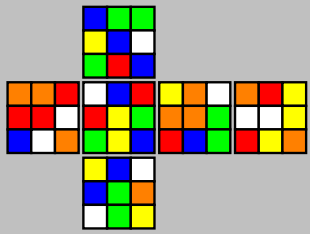
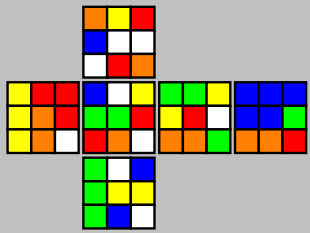
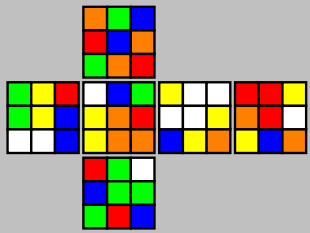
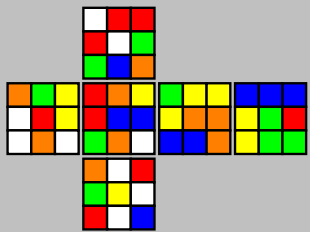
15.	R2 D' B2 L2 U R2 U2 L2 U2 B2 F L D' L2 F2 R2 D2 B2 R D2 F' Rw2 Uw2	
16.	D2 R' B2 R2 U2 R U2 R B2 R2 U L' D' R2 F U2 L' B' D R' Fw' Uw2	
17.	B2 D2 B D2 F U2 R2 F R2 F L' D B R D2 U' B2 L2 R' U B Rw2 Uw2	
18.	R2 D' R2 U' L2 R2 D' L2 B2 D U2 R' U2 B2 D B F2 R' F D U' Rw2	
19.	U' L2 U' B2 L2 D F2 D F2 U' F D' U' L' D' B2 L R F2 U F2 Rw' Uw	
20.	L F2 U2 L R2 F2 D2 R2 B U R U2 R D' F2 L2 D Fw'	
21.	D' U2 B2 U L2 D B2 F2 D2 U' R' B2 L' U R B' L U L B Rw2 Uw'	

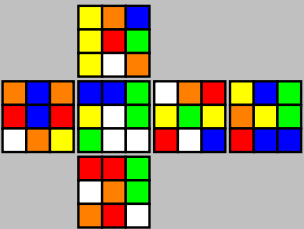
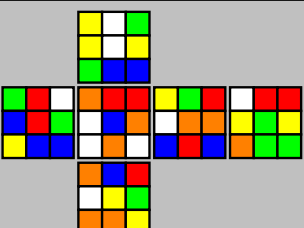
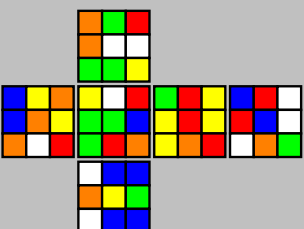
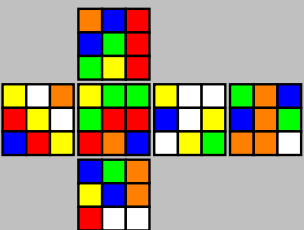
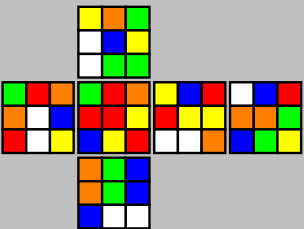
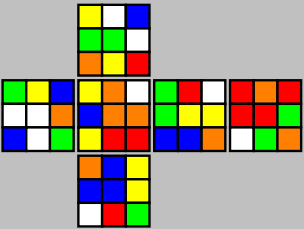
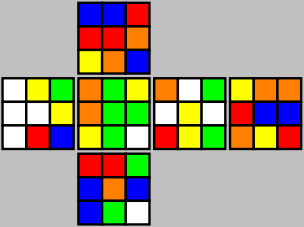
22.	<p>L2 F D2 F' L2 D2 F2  D2 B2 L B' D2 R B  L D' F2 L F2 Rw' Uw2</p>	
23.	<p>D2 L2 F' D2 B2 R2 B  R2 B D U' B' L B2  F2 R' D' L R2 D' Rw2  Uw2</p>	
24.	<p>R2 F2 D' B2 D2 U' F2  D R2 D2 B2 R' B' U'  F2 R' F2 U' F D2 Rw'  Uw2</p>	
25.	<p>L2 U' L2 D F2 D2 U'  R2 D B L F' D' L'  U F D2 F L2 U Rw'</p>	
26.	<p>B2 L2 U2 L B2 L' D2  L F2 U2 B U' L R'  D' L2 F2 R U' B2 Rw  Uw2</p>	
27.	<p>R U2 R' U2 R B2 R  U2 L D2 F D2 F' U  L' B D2 U' L2 U2 Rw  Uw'</p>	
28.	<p>B2 F2 U L2 D' F2 R2  D' B2 U2 L' F2 R' F2  U' L2 B2 F L U2 R2  Uw2</p>	

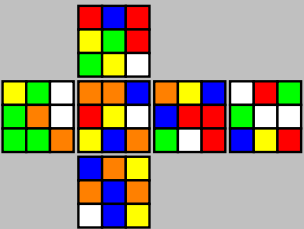
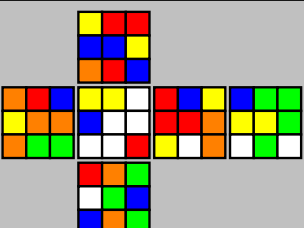
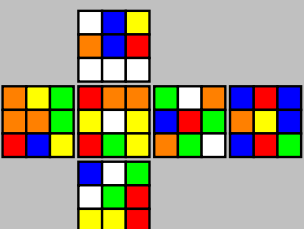
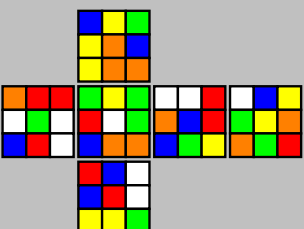
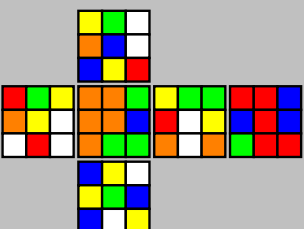
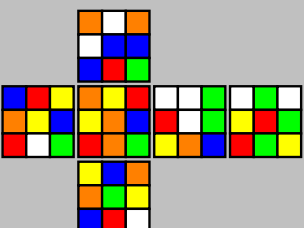
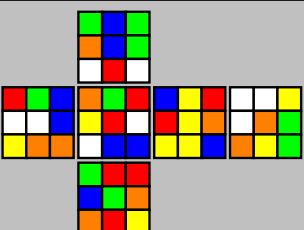
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30.	F' D2 B2 L2 U2 B U2 R2 B D2 R' D R2 B U B R2 B2 L2 D2 F2 Rw Uw	
31.	D2 L2 B' D2 L2 B' R2 F2 R2 U2 F' D L' F R2 F D' B L' B2 F2 Rw' Uw	
32.	F' U2 R2 B' D2 U2 B L2 D2 F' D2 R D2 L' D U' L B2 D' B' D Fw' Uw'	
33.	D2 F2 R F2 D2 R D2 U2 L F2 U L2 B L' U2 F R D L U Fw Uw'	
34.	R2 D2 U2 B D2 B2 F' L2 D2 L2 R B2 L' F L' U' F L' U' R2 Uw'	
35.	B2 U2 B' U2 F' R2 F' D2 B' U2 B' U' L B' F2 R2 U' F' L2 B2 D' Fw' Uw2	

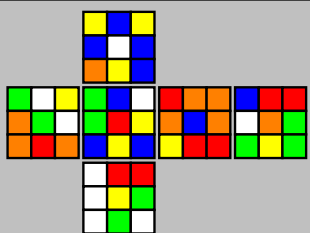
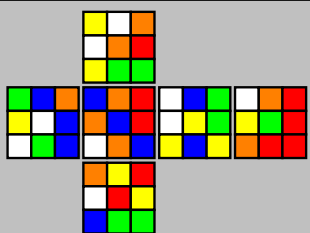
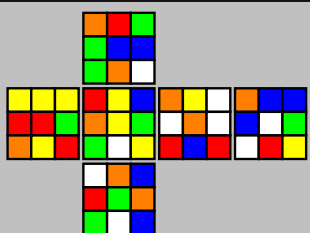
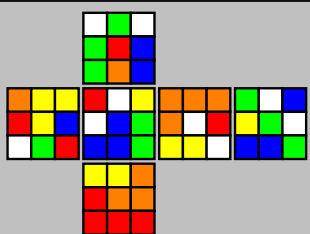
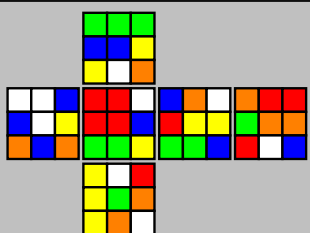
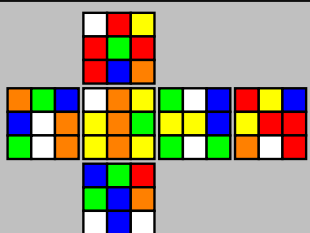
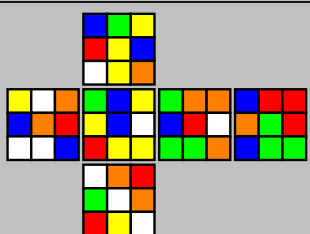
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37.	L2 F' R2 B' L2 B D2 F' R2 B2 R' B U R D2 L2 B' D2 L U B2 Rw Uw	
38.	F' R2 B2 R2 D2 F' D2 L2 D2 R2 F R U B2 L' F R2 D2 F D2 U Rw2 Uw	
39.	D' B2 R2 U' R2 D' F2 L2 R2 U2 L U L2 B2 D' F' R D2 L F' D' Rw2 Uw2	
40.	D2 L B2 L R2 F2 L' B2 R' D L B D F2 R2 B' D' F U L2 Fw Uw	
41.	R2 D2 B D2 F U2 L2 B' F' R' B L' B D' L' R' F2 L U2 Rw2 Uw2	
42.	D2 F L2 U2 F' D2 R2 U2 F2 U2 B2 R D' R' U2 F L' U2 F' U' F Rw Uw'	

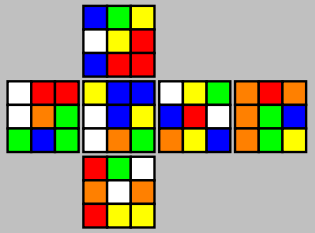
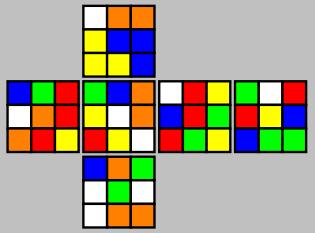
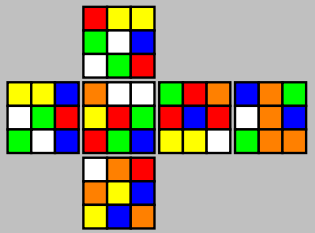
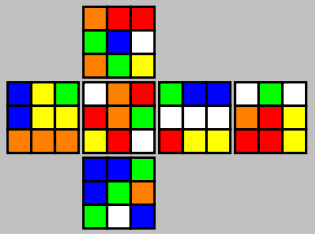
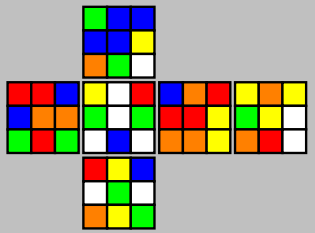
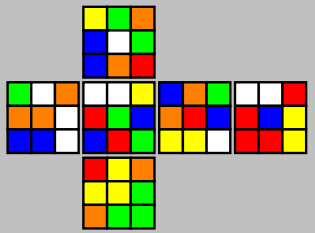
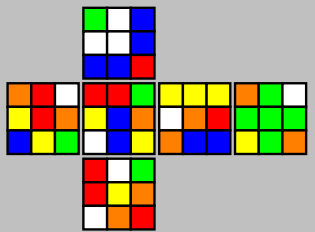


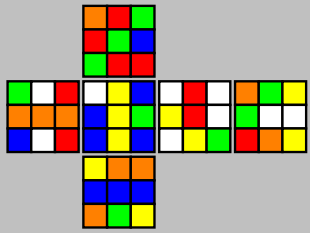
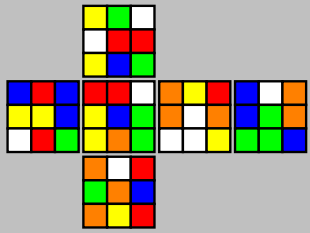
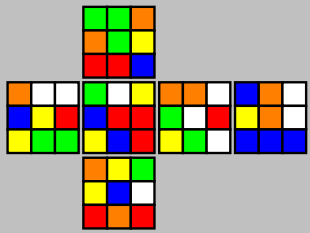
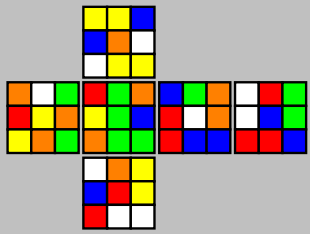
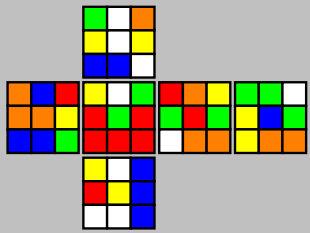
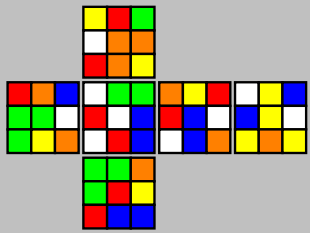
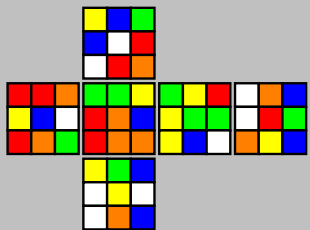
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2.	L2 F U2 F' D2 F' L2 U2 L2 D R' D2 R2 U' B' D2 R2 B' D2 R Uw	
3.	U2 R2 F' L2 U2 B' D2 L2 F D' F' U F2 R D2 R' D L U F Uw	
4.	R2 D L2 U' R2 U B2 L2 U' L F D2 U' F U L' F2 U B2 D F2 Rw' Uw2	
5.	D2 L2 B2 R2 D' L2 U B U F2 D2 R2 U B2 D' L B F	
6.	D'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

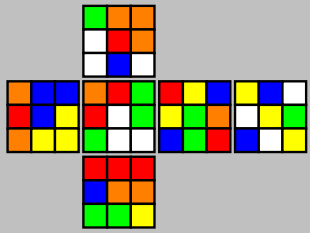
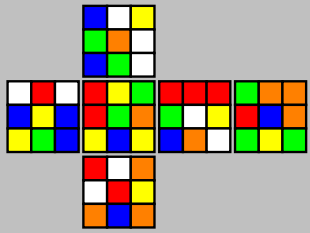
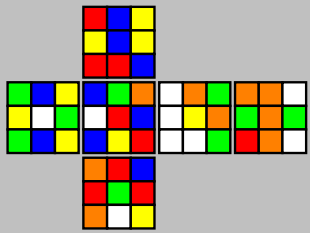
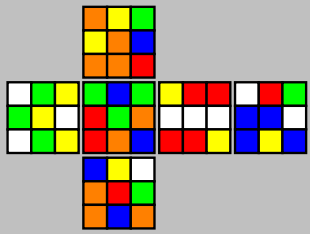
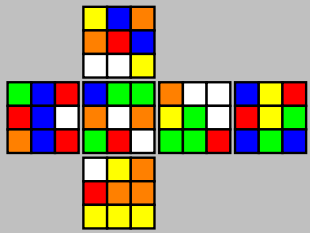
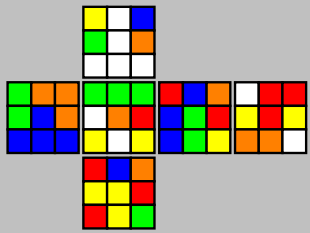
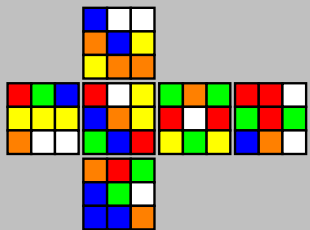
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9.	R2 B2 D F2 U F2 R2 U2 B2 L' U2 R2 B' R' B R D' L B2 R' Uw2	
10.	B2 L2 D2 F2 L2 F R2 F U2 B2 D' U2 R B D B2 L F' R' D R'	
11.	B' D2 F R2 B L2 B' R2 B' U2 R' B R' D' U' B' L' R D' B2 Rw Uw	
12.	L2 U2 R' F2 U2 L F2 R' U2 L' B' F L U F U F2 R2 B D Rw' Uw	
13.	D U R2 U L2 B2 D' R2 B' R' B2 L' D2 R B' L2 D' L B' Rw Uw'	
14.	R2 D2 B2 F2 R B2 L B2 D2 R F' L2 D R' B' R' B2 R2 D U R2 Fw'	

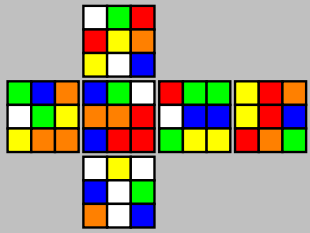
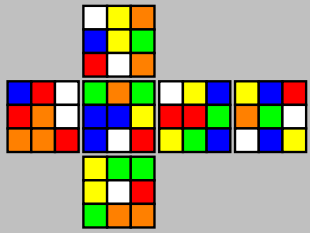
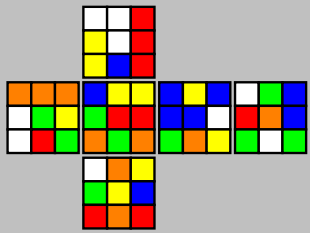
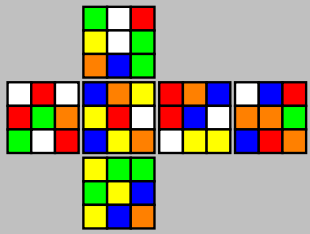
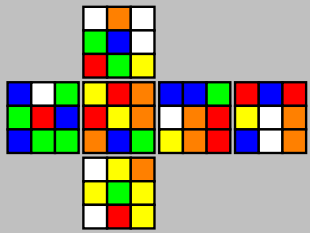
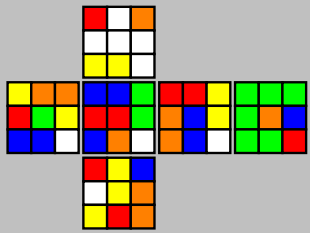
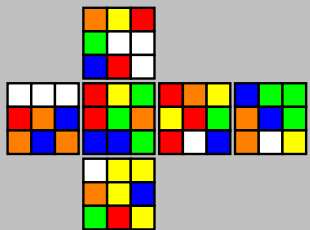
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16.	L2 R2 U B2 U R2 D2 R2 B2 R' F' U L' F R' U2 R' D B' U2 Rw'	
17.	F2 L2 D' B2 L2 D' B2 F2 L2 R2 D' L' D R2 B2 U' L' B' F L D2 Rw'	
18.	D2 B U2 L2 F U2 B2 D2 L2 F U F2 L2 R D L' D2 L2 U' F' R2 Fw Uw	
19.	R2 U2 L2 R2 F2 L2 D2 B' R2 B R' F2 R2 D' B2 U' L' F2 D' F' Rw' Uw'	
20.	U R2 F2 U R2 F2 U L2 B2 D2 B U2 F R2 U2 R D' B' L' B U2 Rw' Uw'	
21.	B2 L2 U' B2 U2 B2 L2 R2 D' B R2 F' D U L' R' B R2 D2 F Rw' Uw	

22.	D2 F2 L F2 R' U2 B2 L D U L U2 R U2 R F' L2 B' F2 Uw	
23.	D2 R' B2 F2 D2 R2 F2 R U2 R U R B L F2 L' D' F U' R Fw Uw2	
24.	R2 U' B2 F2 D F2 U' L2 B2 F2 R B U2 L' B' R B' F U R' D Rw' Uw2	
25.	B2 F2 R U2 L B2 F2 R2 F2 D' L' F L2 F U2 B2 R' U' F R Fw' Uw2	
26.	R2 U L2 D B2 L2 D L2 D2 U' B2 L' B2 D2 F2 D' F' D2 L D' Rw' Uw	
27.	B2 U L2 F2 U2 R2 U' B2 L2 D' B D U' F2 R B' L2 F D' L F Rw Uw'	
28.	D' U' B2 F2 R2 B2 U' L2 U' L2 B' F2 R' D L R2 D' F D' U Rw2	

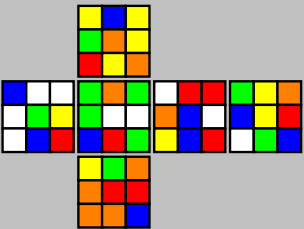
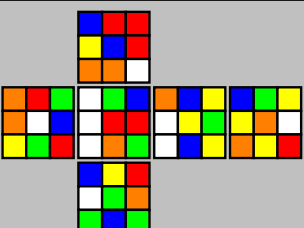
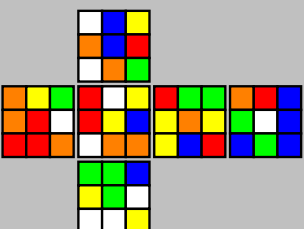
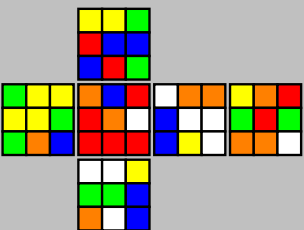
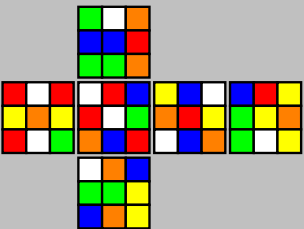
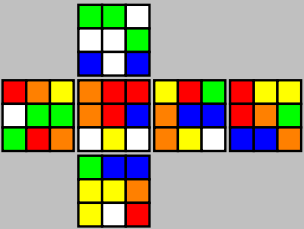
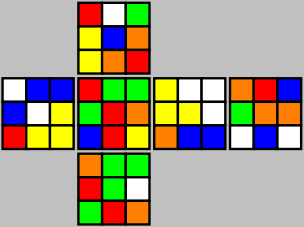
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31.	B2 U R2 U B2 U' B2 L2 U F2 R' U B' L F U R2 F2 D' U' L2 Uw	
32.	L2 B U2 F L2 R2 U2 B L2 R' U L R2 B' R2 B D U R' D' Rw' Uw'	
33.	U2 B2 L2 D B2 D R2 U' B2 U' F' L B' F' R U B D B' U Rw'	
34.	F' D2 F2 L2 U2 L2 F' D2 B' F2 L' D B' R' B D2 L2 R2 F R D'	
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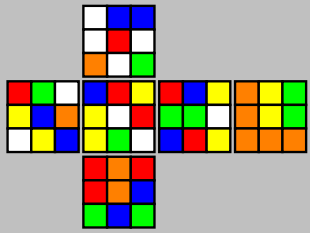
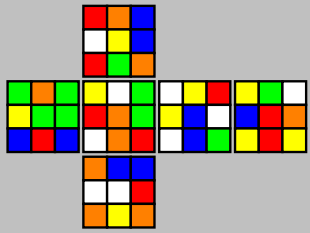
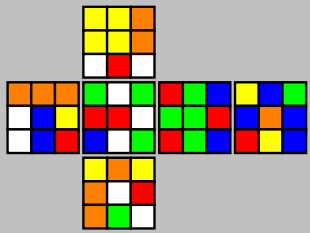
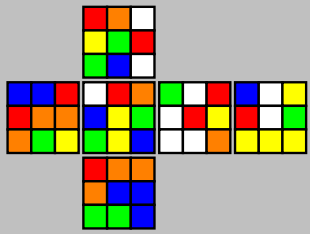
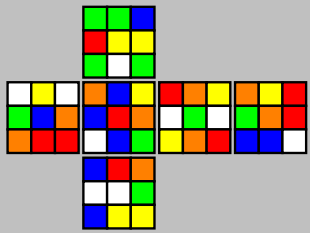
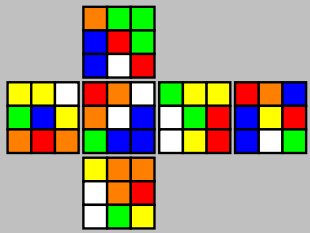
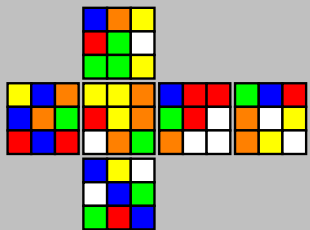
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37.	U' R2 U L2 F2 U F2 D R2 B2 L U L' F D2 U B2 U' R' Fw' Uw2	
38.	B' L2 B2 L2 F D2 L2 U2 F' U2 R' F' R2 U R2 B U2 R' D Rw Uw	
39.	D' L2 D L2 F2 D U' B2 R2 F D R F' R2 F D' F' L2 F R' Fw	
40.	B L2 U2 F L2 F2 U2 R2 D2 U F' D' B' D B2 D' B' R' U	
41.	D B2 D' L2 U2 L2 R2 B2 L2 F2 L' D B' R F U F D L B2 U Fw Uw	
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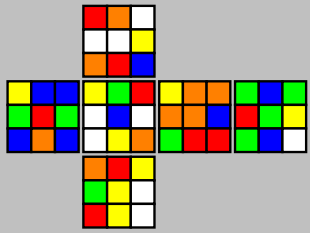
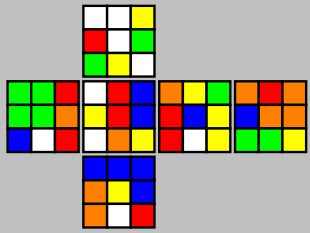
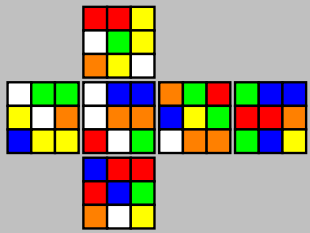
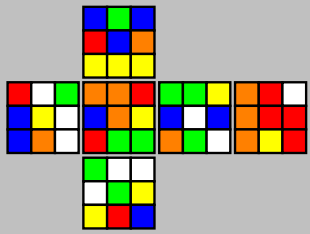
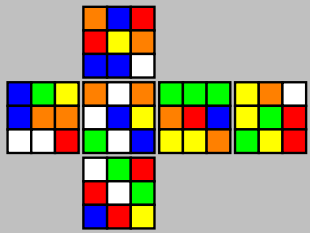
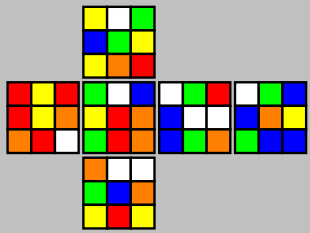
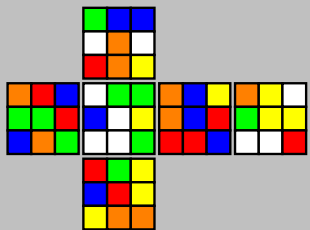
1.	F2 R2 F2 R2 B D2 L2 D2 R2 B2 U' B2 F R U F2 D2 B' R U Fw' Uw'	
2.	U B2 L2 D2 B2 U2 F2 R2 F2 R2 U B L' D' R' F D' U' L2 B2 R Fw	
3.	R2 B2 U2 B2 D2 F2 R2 D B2 D' B' D L2 R F' L' D' U' B' L' U' Rw' Uw	
4.	L2 U2 B2 R F2 R' F2 L2 D2 U F' R F' U B' L F' L2 U Fw	
5.	B2 R2 D L2 U F2 R2 U' F2 U2 R' D' U' F' L2 R2 D L R' F U' Fw' Uw'	
6.	B2 L2 D' U2 B2 D' L2 D2 U' R2 F L2 B R D R' D' B2 D' B' Uw'	
7.	D' R2 F2 D2 B2 U' F2 U B' D R D' L B' L2 B F' U B2 Rw' Uw'	

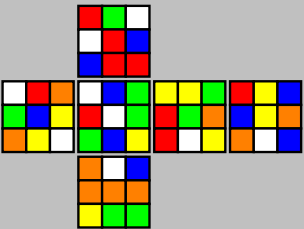
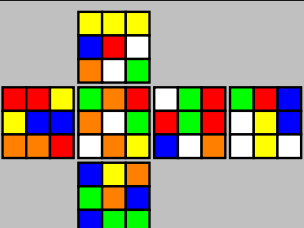
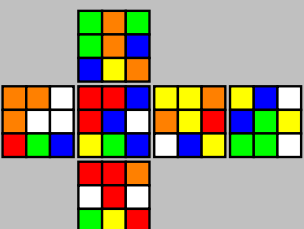
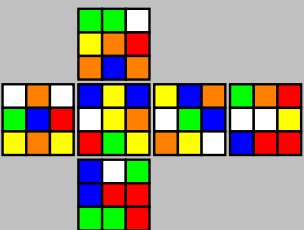
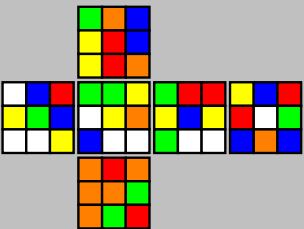
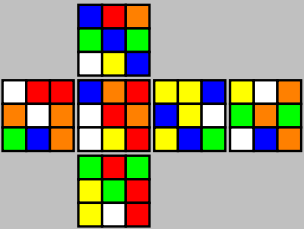
8.	L2 U2 L2 B' D2 F D2 B' L2 U2 F D' L D2 L' B2 L' R' F R' F Rw2 Uw'	
9.	U2 B2 R2 F U2 F' R2 F' U2 B' R B' R' B' U' R' U2 B2 U Rw2	
10.	D' L2 B2 F2 U F2 D' U R D B F2 L R' B U L2 F2 L Uw	
11.	B2 U L2 U F2 D2 B2 L2 D' B' U F2 L D' R F' R' U2 L R Uw	
12.	B2 L2 B2 U2 L2 D2 R D2 R' B' U2 L B D2 R2 F2 D B' U' Rw' Uw2	
13.	D R2 U F2 U' B2 U2 R2 U F' R' U2 L2 D R F2 U R2 U B' Uw	
14.	L2 B L' F2 B' R' L F U' L' F2 U2 B' L2 F' B2 U2 B R2	



15.	U2 B' U2 F' L2 B' F D2 L2 D' B R U' L F' D2 L2 B' R2 D2 Fw Uw	
16.	R D2 F2 R B2 U2 R U2 F2 L' B2 U' L F D R2 D' B' D' U' F' Rw' Uw	
17.	F2 D' L2 R2 U' F2 D' R2 U2 L2 U' B' U F' D' U2 R' B U L2 F Rw' Uw2	
18.	D' R2 F2 R2 U' F2 R2 D U2 R2 B2 L U B R2 U B L D F' U' Rw' Uw'	
19.	U2 F' U2 B D2 F L2 B U2 F2 U L2 R2 D' F U' L' B F' R F' Rw'	
20.	D U' R2 D' B2 D' B2 L2 U R' D B2 D F' U' L' D2 R' D' R' Uw	
21.	D' R2 D F2 L2 U2 R2 U' F2 R2 U2 F' L2 U' F2 R D2 L' F2 U F2 Rw' Uw	

22.	<p>F2 U' L2 B2 D B2 R2</p> <p>F2 R2 U L2 B U' L'</p> <p>F L R2 U' F R' D</p> <p>Fw' Uw'</p>	
23.	<p>B2 L2 B2 U2 R2 U2 B'</p> <p>D2 R2 F' R2 D' U' B'</p> <p>L' B' F2 R F' D F'</p> <p>Rw2 Uw'</p>	
24.	<p>D L2 B2 D' L2 B2 U2</p> <p>B2 R2 F U B' L2 R2</p> <p>U R' D2 F2 D2 L U'</p> <p>Rw2 Uw</p>	
25.	<p>F2 D2 L2 B2 D2 F' D2 B U' L'</p> <p>F' D' L' U2 F D' B2 L2 B Rw</p>	
26.	<p>L' B2 R U2 F2 R2 B2</p> <p>R F2 L' F2 D' F R</p> <p>F2 U' L2 R D2 U' Rw2</p> <p>Uw</p>	
27.	<p>F' U2 L2 F' U2 B2 L2</p> <p>U2 L' B' L2 F R B</p> <p>U' R D' R2 D2 Fw' Uw'</p>	
28.	<p>D2 L D2 B2 L' U2 R F2 L2 F</p> <p>L2 R2 F' L' D' B' U2 F D2 U</p> <p>Rw</p>	

29.	<p>U2 F2 U2 R2 F2 L2 U2</p> <p>F2 U L' F2 D F2 D2</p> <p>B' L' B' D L' F' Uw2</p>	
30.	<p>F D2 F' R2 F D2 B L2 F' L</p> <p>U' L B' U2 L2 F2 R' F D' R'</p> <p>Uw</p>	
31.	<p>D2 R2 F L2 D2 L2 U2</p> <p>B' R2 D2 R' B' F' U</p> <p>L' R2 F2 R' D R2 U</p> <p>Rw Uw'</p>	
32.	<p>B2 F2 R' D2 R U2 B2</p> <p>L R2 U' B2 D' L F</p> <p>U F' D' R' U' Rw' Uw'</p>	
33.	<p>F R2 F D2 B2 L2 F'</p> <p>D2 L2 F' D2 R B2 L'</p> <p>U' L' F L D' R' B2</p> <p>Rw2</p>	
34.	<p>L2 F2 L2 D' U2 L2 R2 F2 D U</p> <p>R' U2 L2 D' L' B L2 D' B U</p> <p>F' Rw Uw</p>	
35.	<p>L2 U' B2 R2 U' B2 D' R2 D L'</p> <p>R B L' R2 B' L' U B R2 U</p> <p>Fw Uw</p>	

36.	F2 U' B2 U' B2 D B2 L2 D U' B R B L' D L' R' U' L R2 U2 Fw' Uw'	
37.	D2 F2 U F2 D' B2 L2 F2 L2 B' U2 L2 R' B' R2 U' F' R' F' R Fw' Uw'	
38.	B2 R2 B2 D2 B L2 R2 B L2 D F' L' U2 F' L F R' B2 L' R' Fw Uw2	
39.	D' F2 D F2 U' L2 D' R2 D' U2 B2 F' R2 D2 L' D' L' F' U Fw Uw'	
40.	L2 U2 B2 U F2 L2 B2 D2 B2 D' L2 F R' F R2 D F2 L U R Fw' Uw	
41.	R2 D R2 D2 R2 D R2 U L2 R2 U L F D U F L2 B L2 R D' Rw' Uw	
42.	B2 U2 R' U2 L2 B2 U2 L' B2 D2 R D B' L' D R D U L' D' R Fw'	