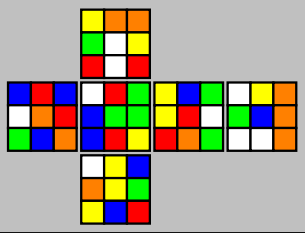
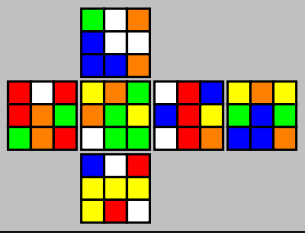
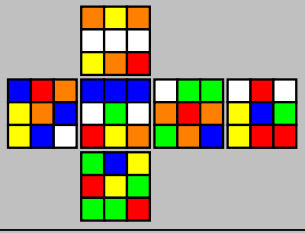
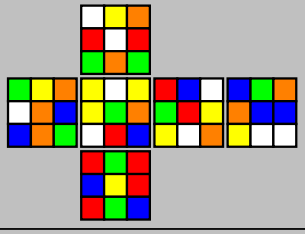
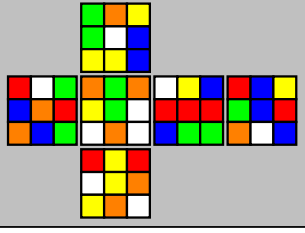
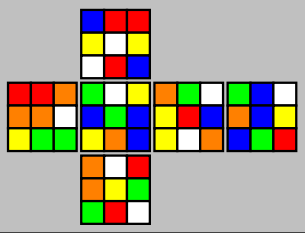
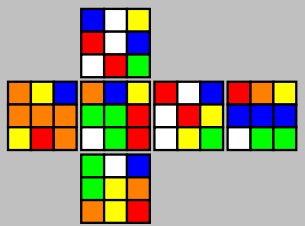
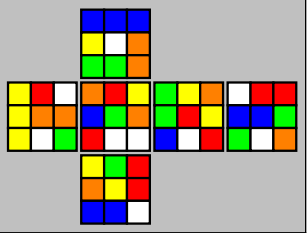
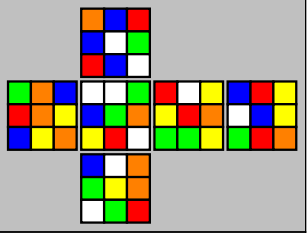
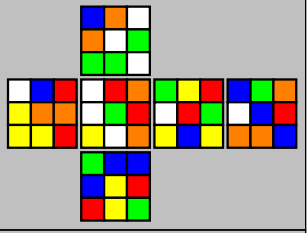
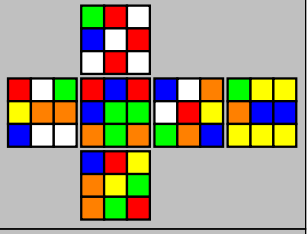
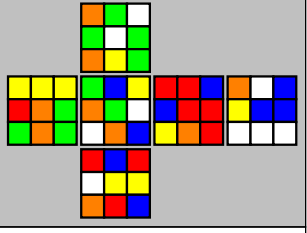
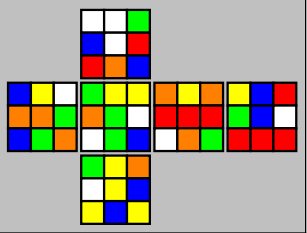
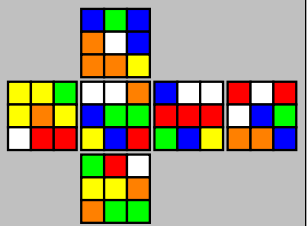
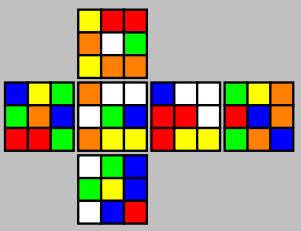
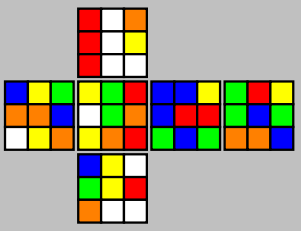
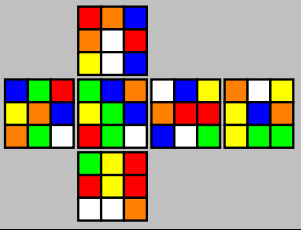
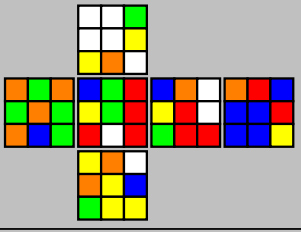
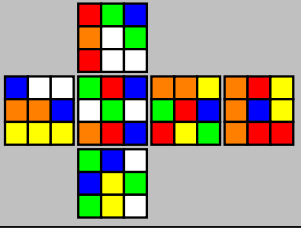
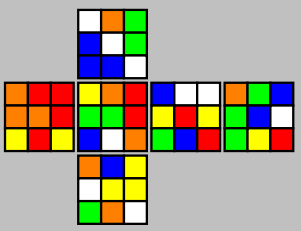
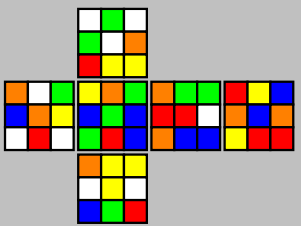
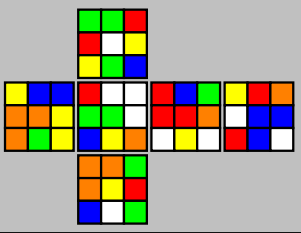
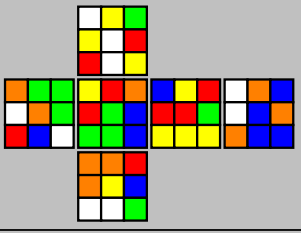
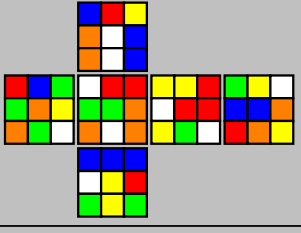
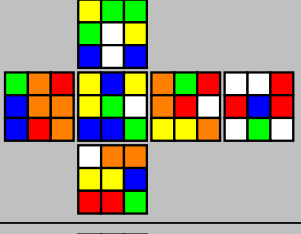
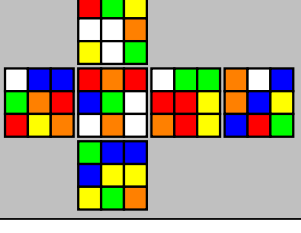
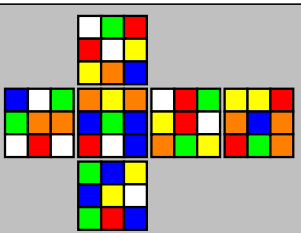
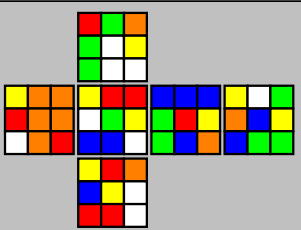
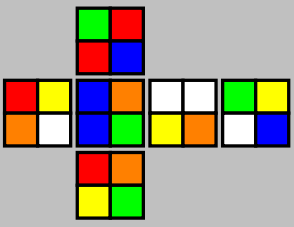
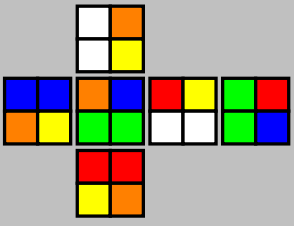
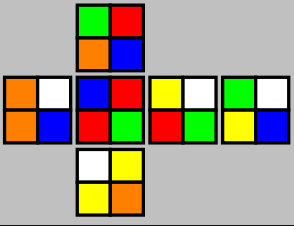
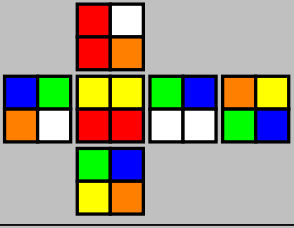
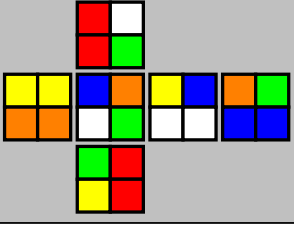
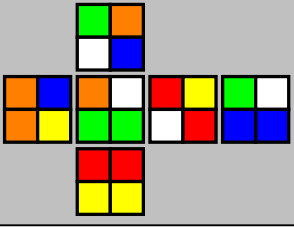
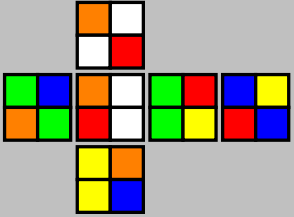


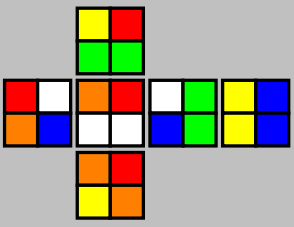
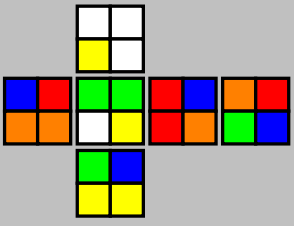
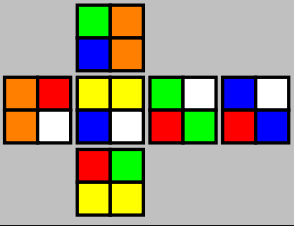
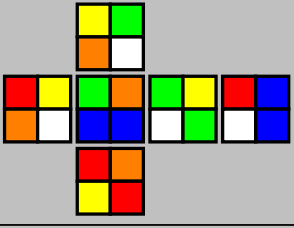
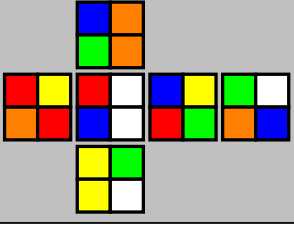
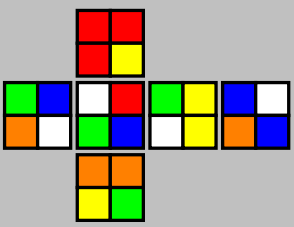
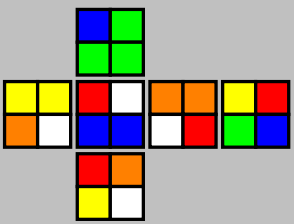
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2.	F U F' L' B2 R U D2 B R2 U R2 B2 L D2 R' L' B2 L'	
3.	L' D2 L' U2 R F2 U2 L2 F2 R' B' D2 R D2 U' R' F2 D R U'	
4.	L2 F2 U2 F2 U B2 F2 U' B2 D B D L' U' R' B F D2 F U2	
5.	U2 F U2 R2 B F U2 F L2 R F' U2 B2 U B F2 U' L' R2	
Extra scrambles		
E1.	U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

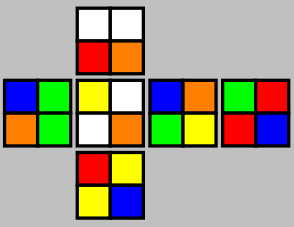
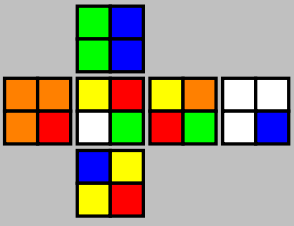
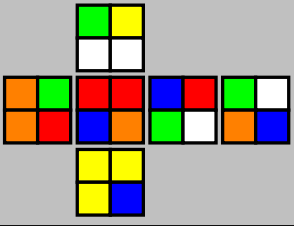
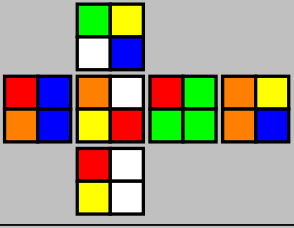
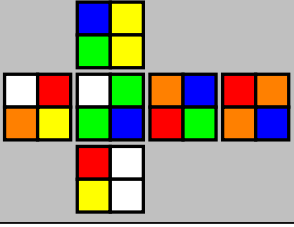
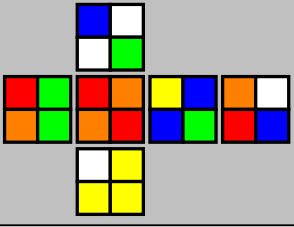
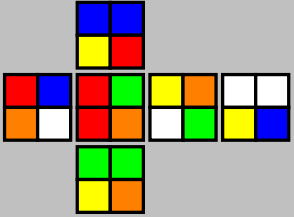
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2.	F L D L' B2 D2 L' U D R U2 R2 F' R2 B L2 D2 F' R2 L2	
3.	D2 L2 R2 B2 D' U2 F' L D U' B' L' B2 U2 R2 D U2 R2	
4.	D2 R B' R' L' D2 B D F2 B' D2 R2 F R2 L2 F' U2 D2 F'	
5.	U2 L2 U2 B2 D' F2 L2 R2 F2 U' F D R2 U L R' D' U2 B	
Extra scrambles		
E1.	R2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

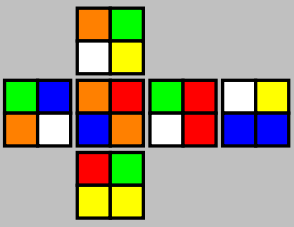
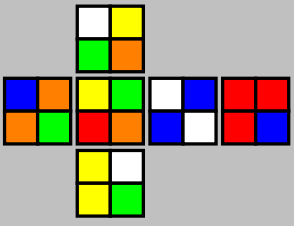
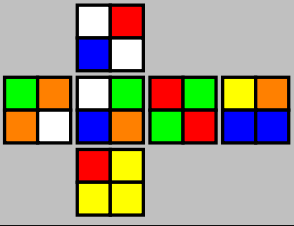
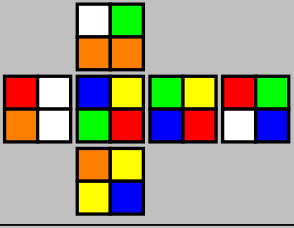
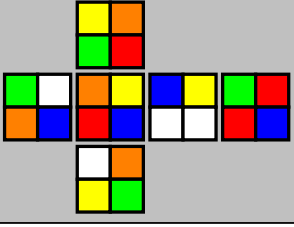
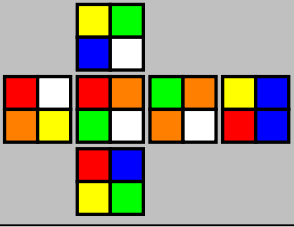
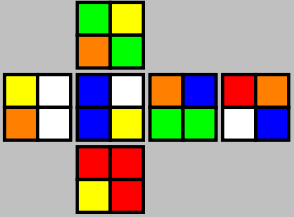
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2.	R2 U2 R2 B' D2 F2 U B D' R' D2 R2 L' B2 U2 L2 D2 R F2	
3.	B' U2 F2 U' F B2 R2 D' R U' L2 F' U2 B' U2 F L2 B' U2 B2 L2	
4.	D' L2 R2 F2 R2 D' U2 R2 D B2 U' L D' F R2 D F2 U B F D2	
5.	R U' F D R B D' L2 B D2 F U2 L2 D2 B2 R F2 L' B2	
Extra scrambles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

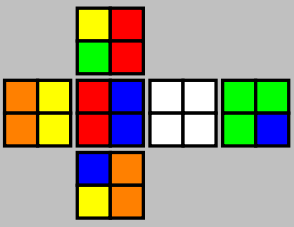
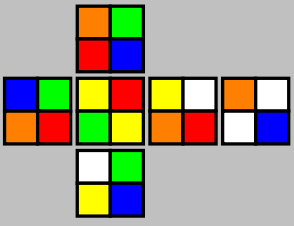
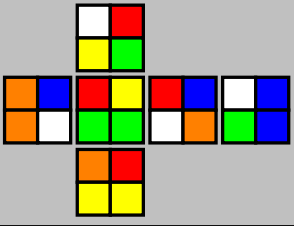
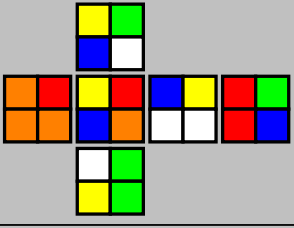
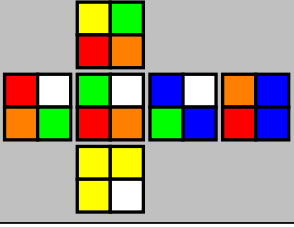
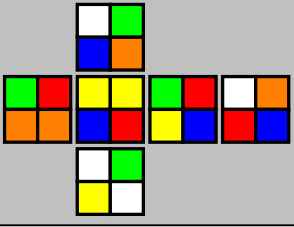
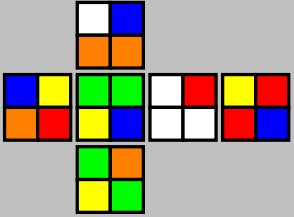
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2.	B' R' F' D2 F2 U' F U' D' L' B' U B2 R2 D2 L2 U F2 B2	
3.	U' F2 U2 B R' U' F2 D' F' U' L2 B' D2 F2 D2 B' R2 B2 L2 U2	
4.	L2 F2 R2 D2 B L2 F2 D2 F R2 B2 R' F R F' U L' F2 D2 B'	
5.	D2 F U2 F' R2 F L2 B2 L U F D F R F D2 B2 F2 R2	
Extra scrambles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

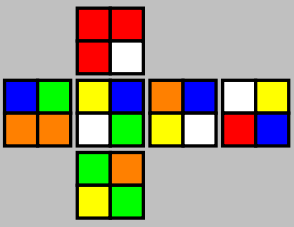
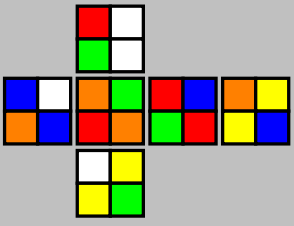
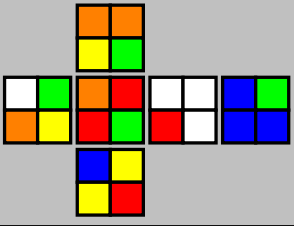
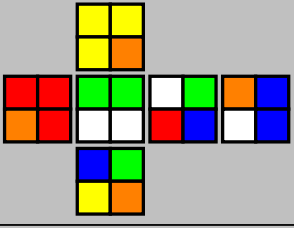
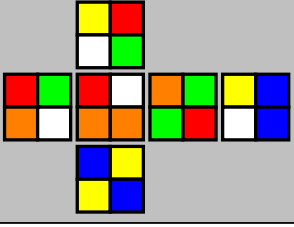
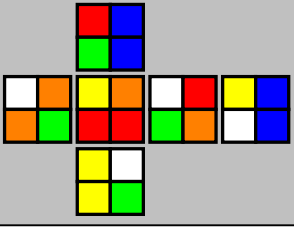
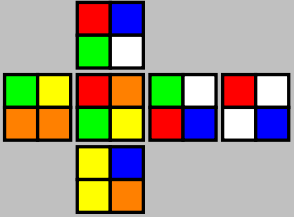
1.	$R' U F' U' F R U' R U^2 R^2 F'$	
2.	$R' U^2 R^2 F' R^2 U' F^2 R U' R' U^2$	
3.	$U^2 R U^2 R' U^2 R' F U' R^2 F' U^2$	
4.	$U' F U^2 R U R' F U' R F' U^2$	
5.	$U' R U' R^2 U F^2 U' F R^2 U' F'$	
Extra scrambles		
E1.	$U^2 F U^2 R U' R' U' R U' R' U^2$	
E2.	$U' R U' F' U^2 F' U' R^2 U^2 R U^2$	

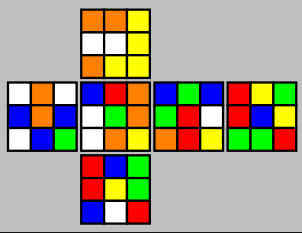
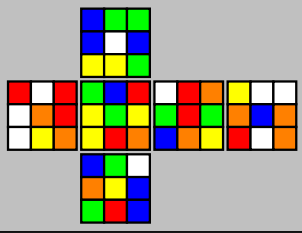
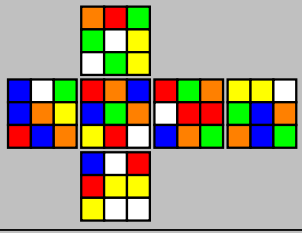
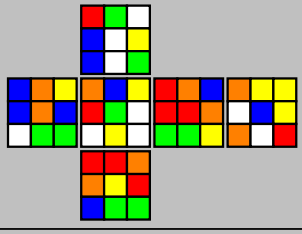
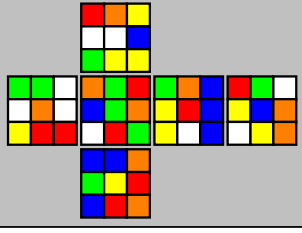
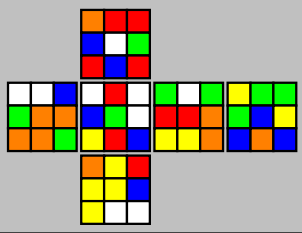
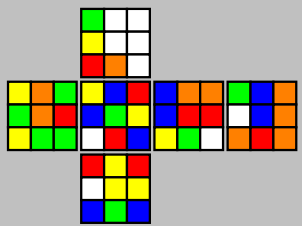
1.	$F U' R U' R' F U' R U^2 R U^2$	
2.	$U' R U^2 R' U F U' F' U^2 R U^2$	
3.	$U' R' F U' F U' R' U R^2 F' U'$	
4.	$U^2 R' F' U R^2 U^2 R' U R U' R'$	
5.	$R' F' U^2 F U R^2 U^2 R^2 U F U^2$	
Extra scrambles		
E1.	$R' U^2 F^2 R U' R' U' R^2 U' R^2 F'$	
E2.	$R' F U' R^2 F' U' R' U^2 F U' F$	

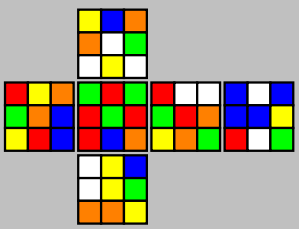
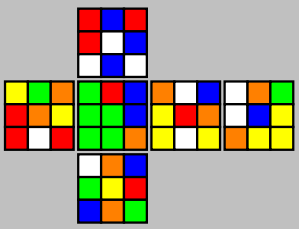
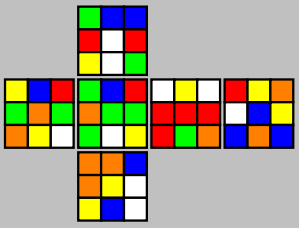
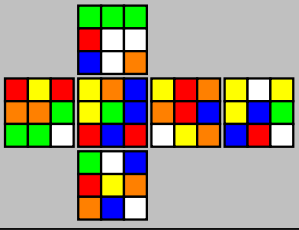
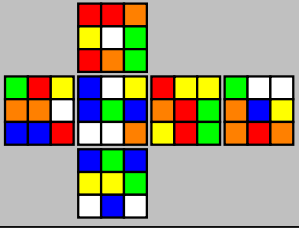
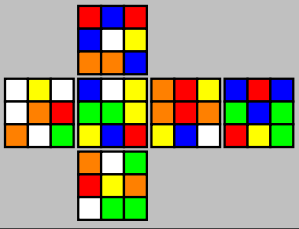
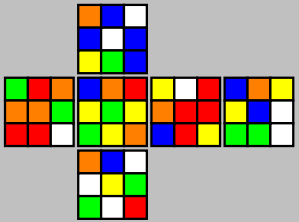
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2.	R' F U' F U R U R' U' R U2	
3.	U' F U' F U' R2 F' U2 R2 U' F	
4.	R' U2 R2 U2 R2 F R U' R' U R2	
5.	R U2 R' U2 R F' U2 F' R' U2 R	
Extra scrambles		
E1.	U' R U2 R2 F U R2 F' R' U R'	
E2.	U' F U' F U' R2 F' R' U' R U2	

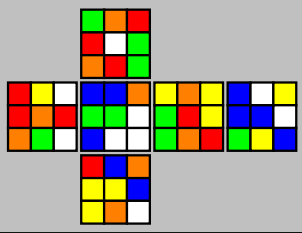
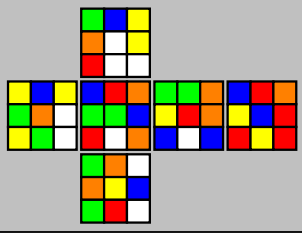
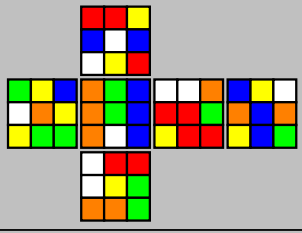
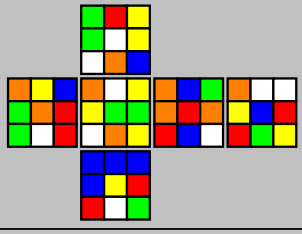
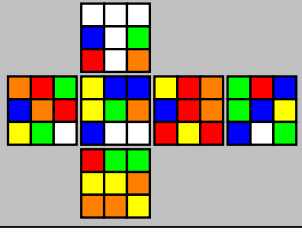
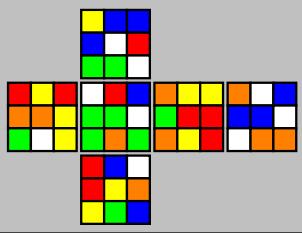
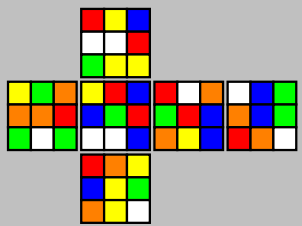
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2.	R' F U' R2 U2 R2 F U' R2 F' U2	
3.	U F U R2 U2 R' U' R' F U' R	
4.	R' F R2 F' R' U R' U2 F R U'	
5.	U2 R U' F U2 R U' R U' R2 F2	
Extra scrambles		
E1.	U2 R' F U2 R U' F R2 U2 R2 U	
E2.	R U2 R' U' R' F2 R U' R F' R	

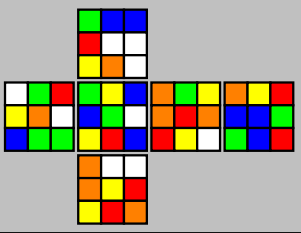
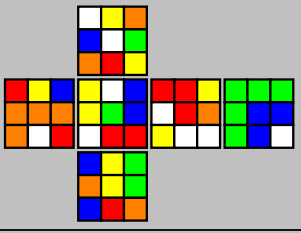
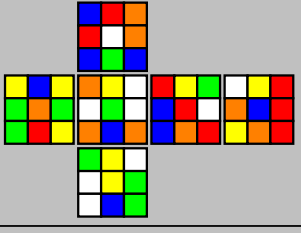
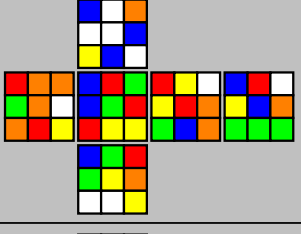
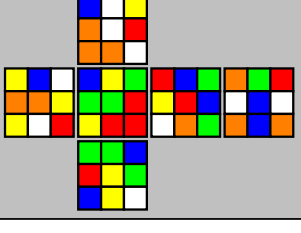
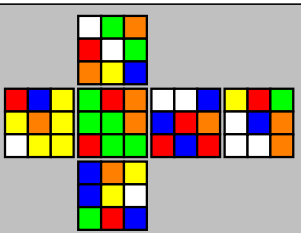
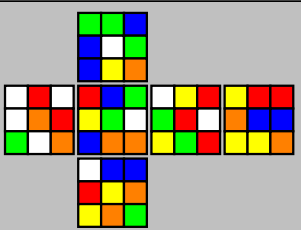
1.	$R' U' F U' F R' U' R^2 U^2 F' R'$	
2.	$U R' U^2 R F' R^2 U' R^2 U^2 F U'$	
3.	$R F' U' R' F U^2 R^2 U' F R U'$	
4.	$R U' R' U' R U' R' U R' F^2 U^2$	
5.	$U R' U' R' U' F' U^2 F^2 R U' R'$	
Extra scrambles		
E1.	$U' R U^2 R^2 F' U^2 F' R U^2 R' F$	
E2.	$U^2 R' U' F R^2 F U F R U^2 R'$	

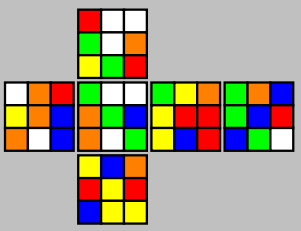
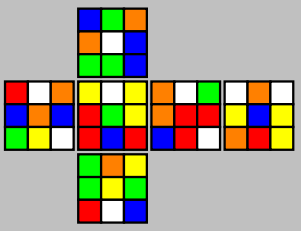
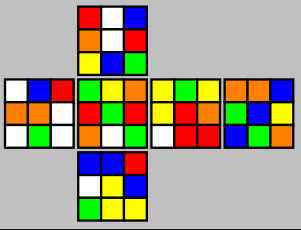
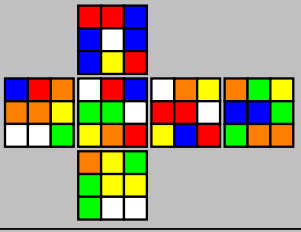
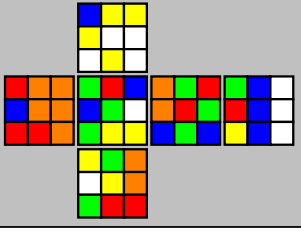
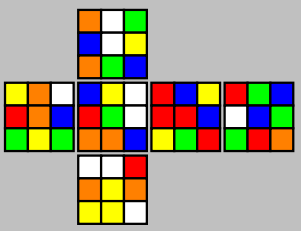
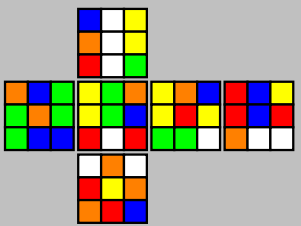
1.	$U' R' U R U R' U' R U^2 R F'$	
2.	$R' U R' F U^2 F U^2 F U' F R^2$	
3.	$R' U^2 R U^2 R' U^2 F^2 U' F' U^2 R$	
4.	$R' F' U^2 R^2 U^2 R' U^2 R' F R^2 F'$	
5.	$R' U^2 F R F^2 R^2 U^2 R' U' R' U'$	
Extra scrambles		
E1.	$R' F U^2 F R^2 U' R^2 F R' U R'$	
E2.	$F' R U^2 R' F' R U^2 R' U^2 F R$	

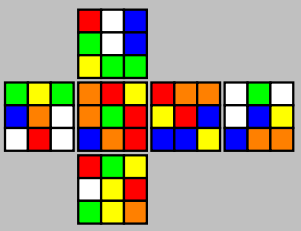
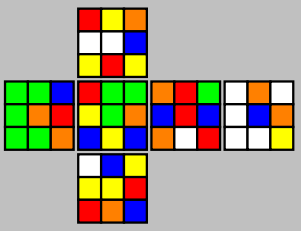
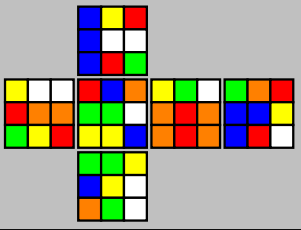
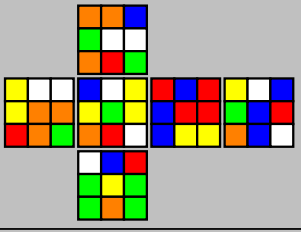
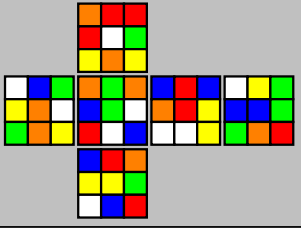
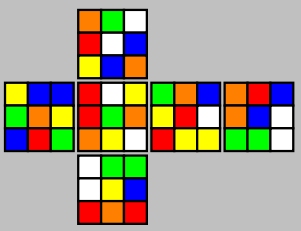
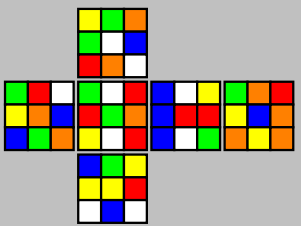
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2.	R L' U F2 L2 U L2 F' L U' B2 D2 R2 U2 D2 R2 B U2 F U2	
3.	L B L2 U' R2 B D' F' R F R2 B2 L2 F' U2 R2 U2 F R2 B	
4.	U2 B2 R2 B2 F' L2 D2 F' D' U' B D L2 R U' L D B	
5.	F2 B U' B L' U F2 R U F D2 L2 F2 L2 F' L2 F' U2 F' L2	
Extra scrambles		
E1.	F'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

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

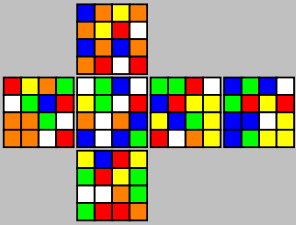
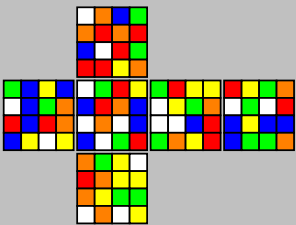
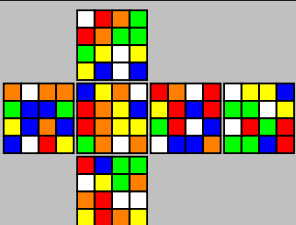
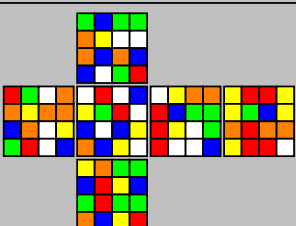
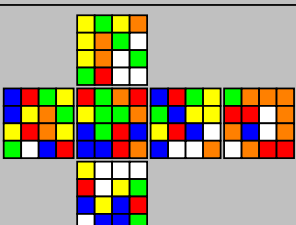
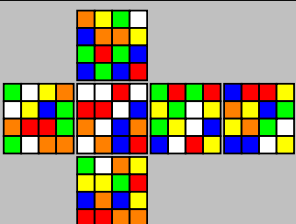
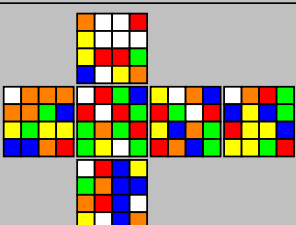
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2.	D2 R2 F2 R' B2 L' D2 L' R' F2 R' B' F' L B F' D' F D' L U	
3.	R' U L2 B' U L B' D2 F B' R' U2 L2 U2 R2 D2 F D2	
4.	B R2 U2 F' D2 F2 U2 R2 F2 L2 D B D L R' U R2 F U2 F2	
5.	D2 B R' F2 B' R' L U' F' R U' B2 U' B2 L2 B2 U R2 D2	
Extra scrambles		
E1.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

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

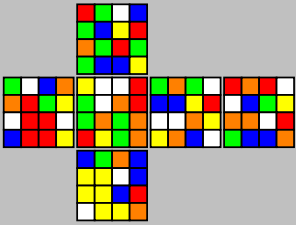
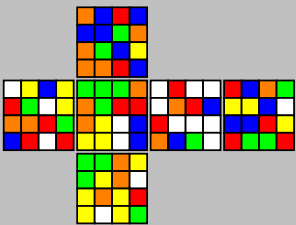
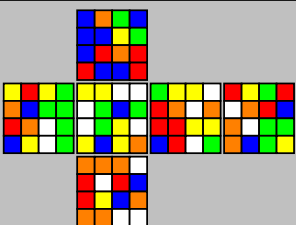
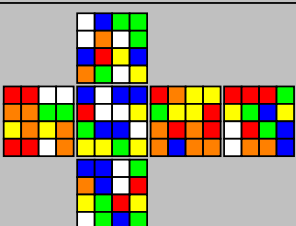
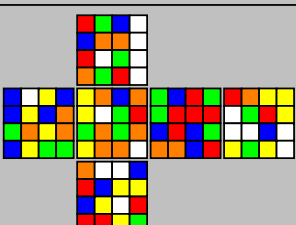
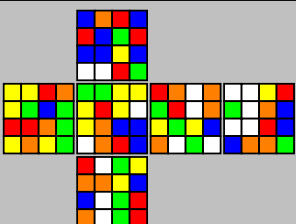
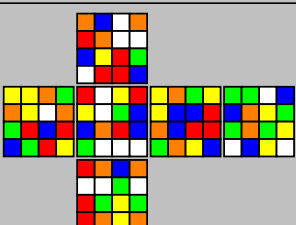
1.	L' U' D L2 B U2 L D' L2 U F U2 B2 U2 L2 D2 B L2 U2	
2.	R2 F2 D' B2 U' R2 D2 B2 R F' U2 R U2 L' F' R' D' B2 F R'	
3.	L2 U2 L' U2 L' F2 L B2 L U2 B' L2 R2 D2 U L D' F L' D2	
4.	D' L2 B2 D2 B2 F2 L2 R' D' R D' L2 D' R F R2 D' U2	
5.	B2 U2 F2 L2 R F2 R B2 F2 D' R D L U L' B' R D2 B2 D2	
Extra scrambles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

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

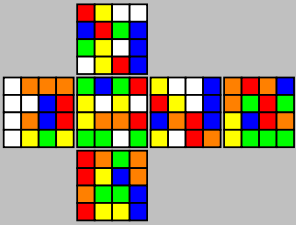
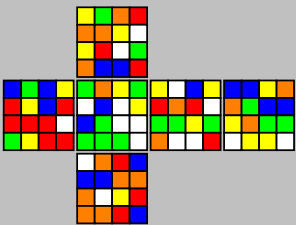
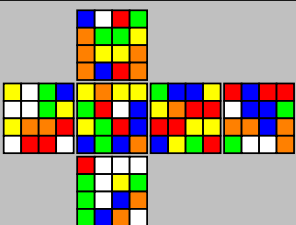
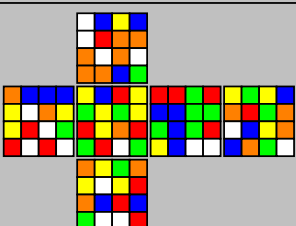
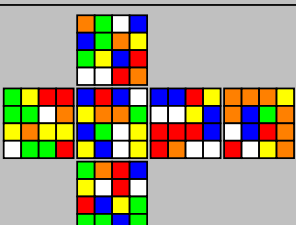
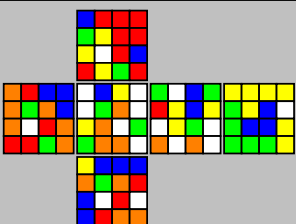
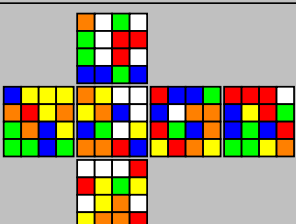
4x4x4 Cube Round 1 Group A
Scrambles for Sandnes Open 2016

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

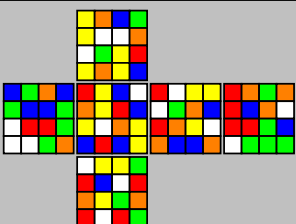
4x4x4 Cube Round 1 Group B
Scrambles for Sandnes Open 2016

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

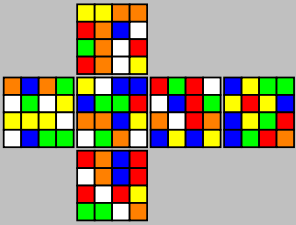
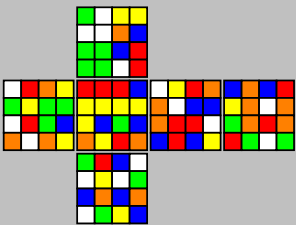
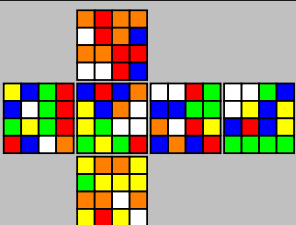
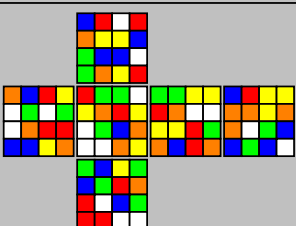
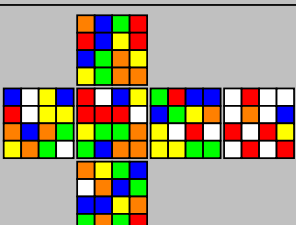
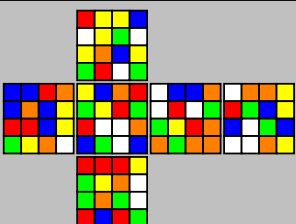
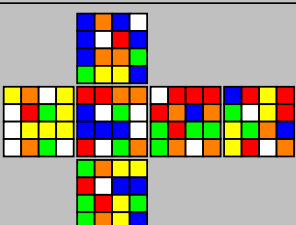
4x4x4 Cube Round 2 Group A
Scrambles for Sandnes Open 2016

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

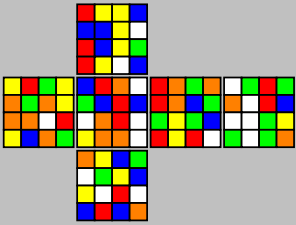
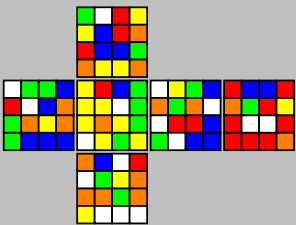
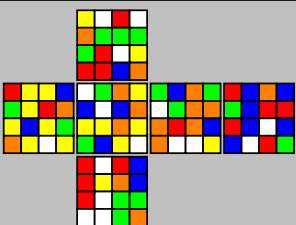
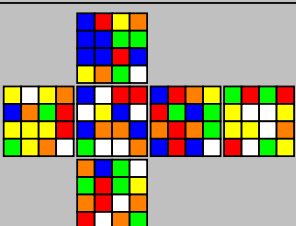
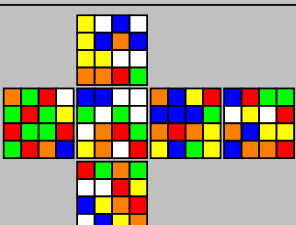
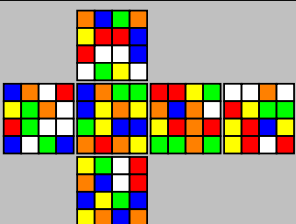
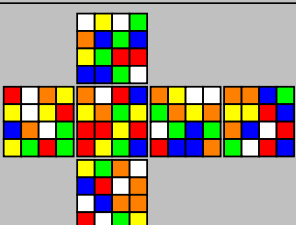
4x4x4 Cube Round 2 Group B
Scrambles for Sandnes Open 2016

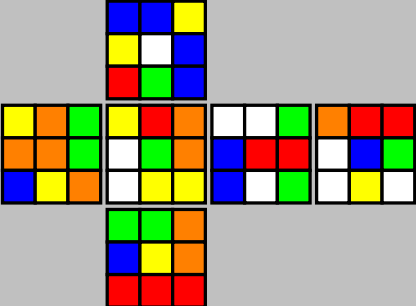
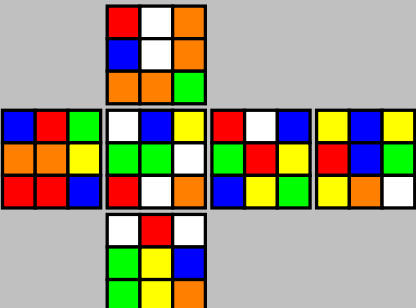
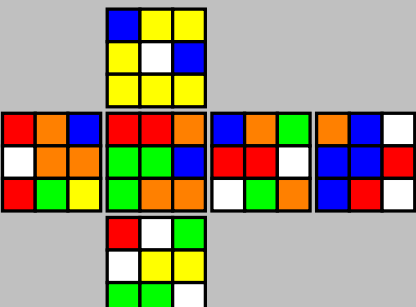
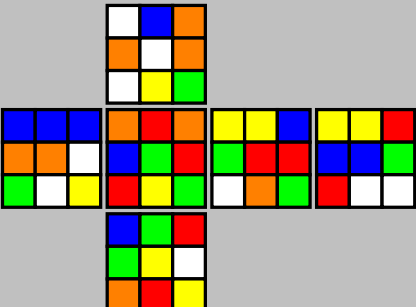
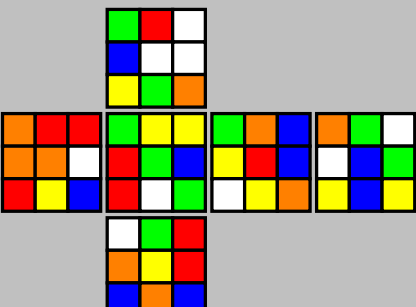
1.	R2 D2 F L2 R2 F D2 B2 D2 B' U L B2 R' B D U' F L B' U2 Uw2 Fw2 Rw2 U2 R' Uw2 B2 R B U2 F' L2 D' Rw2 F' Uw' R Fw2 U2 Rw' U2 Fw F' L' Uw' L2	
2.	D2 R' F L2 U' F2 D2 R' L' F' R2 D' F2 U' L2 D B2 L2 U' L2 Uw2 B U B Rw2 U' Fw2 B D' Rw2 Uw2 R2 D' Rw' D B' R' B' Uw Fw' Uw' U2 Fw' L2 Fw2	
3.	R' U' B2 L2 U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

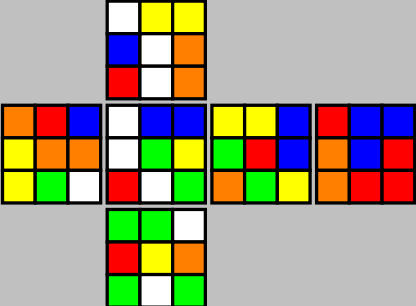
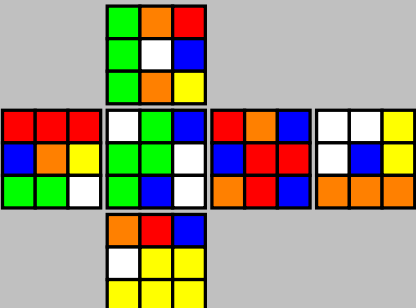
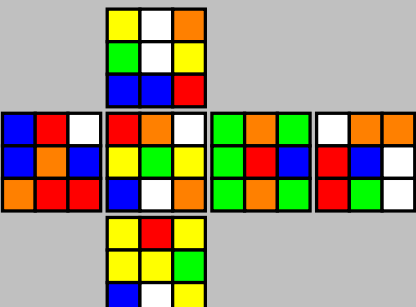
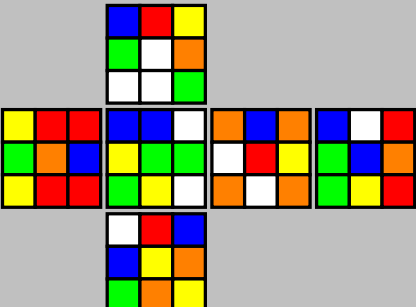
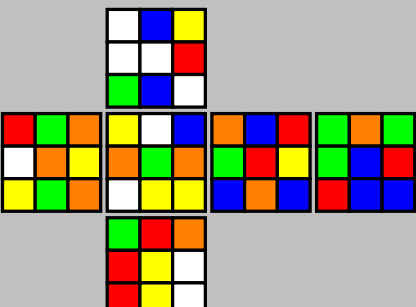
4x4x4 Cube Round 3 Group A
Scrambles for Sandnes Open 2016

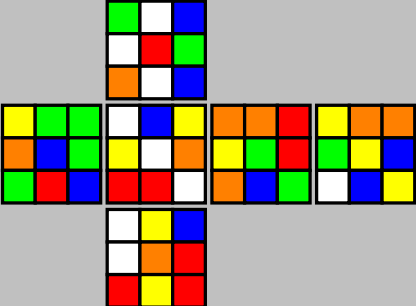
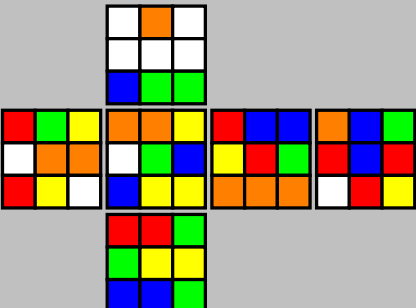
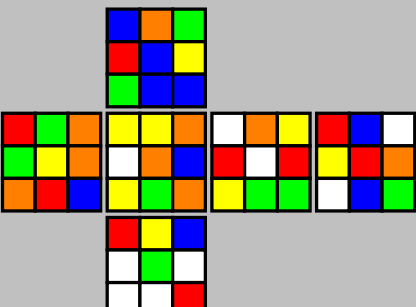
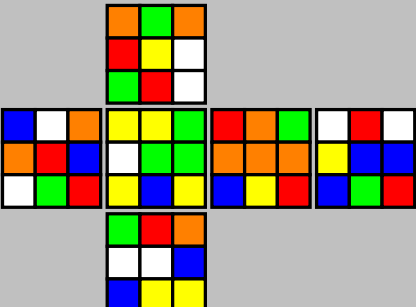
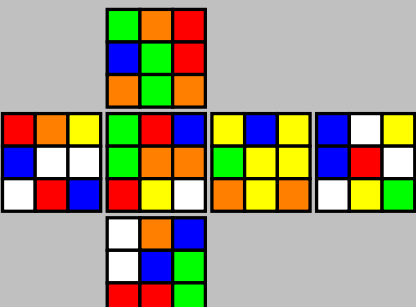
1.	<p>B' U2 D2 B U2 F' D2 F2 R' B L' D2 F' U D R2 D' F' Rw2 U' Fw2 F U F' Uw2 F L2 F Rw2 R' B Uw2 U' Rw D' Uw Rw' B' D L2 Uw2 Fw'</p>	
2.	<p>L2 B2 D2 R' L2 B2 L' F2 D B R2 U2 B D' L2 D' U' B' L Fw2 D R2 Uw2 Rw2 F' U' B' L2 F Rw2 U2 B' Rw' L' Uw2 L' F' Fw' Rw2 D Rw' Uw B' Uw B</p>	
3.	<p>D2 F2 D2 B D2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

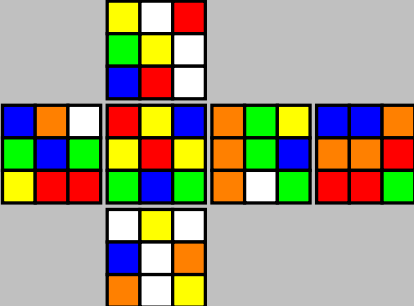
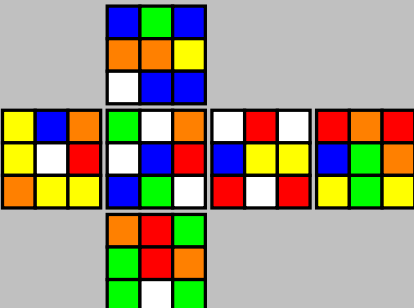
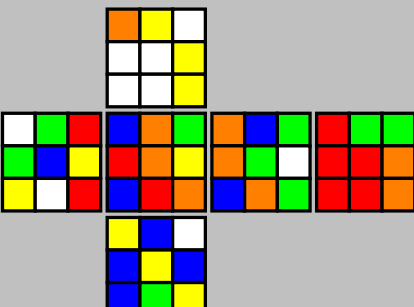
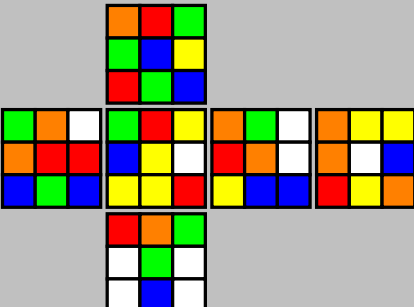
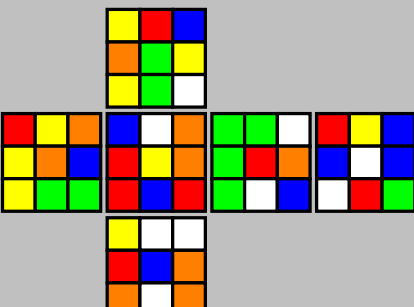
4x4x4 Cube Round 3 Group B
Scrambles for Sandnes Open 2016

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

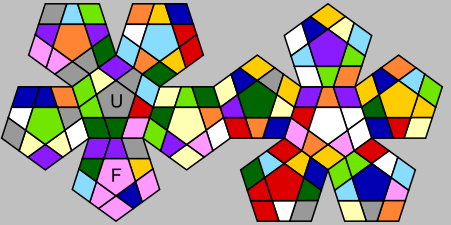
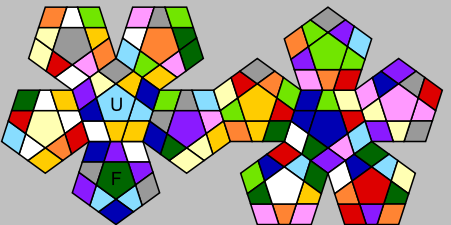
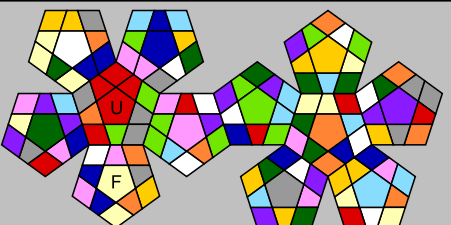
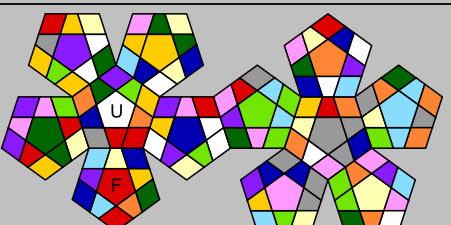
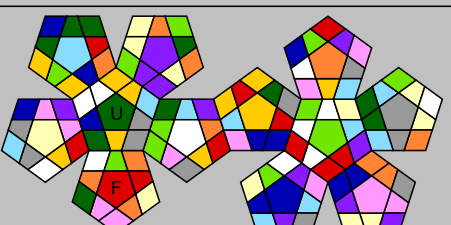
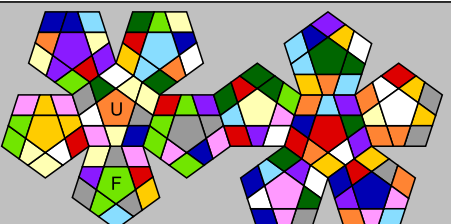
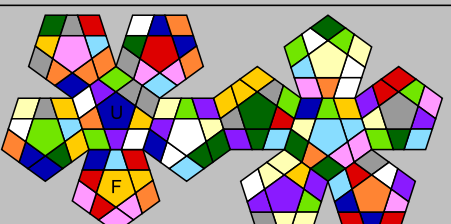
1.	<p>F2 D2 L2 R' D2 R' B2 F2 D2 U L R' U F D' B' F2 R B' F</p>	
2.	<p>R2 B' F2 R2 B2 F2 U L2 R' B' L2 F R' D' U2 R' U2</p>	
3.	<p>D2 L2 F U2 B2 R2 U2 B' R2 F2 U2 L U' L' R2 F2 D U' B R2</p>	
Extra scrambles		
E1.	<p>R2 U2 B D2 F D2 U2 B' R2 U R' F' R' B' L B' F2 D' U</p>	
E2.	<p>R2 U' F2 U F2 D L2 U'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

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

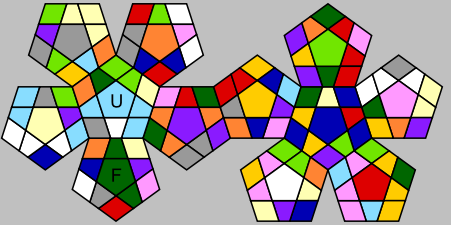
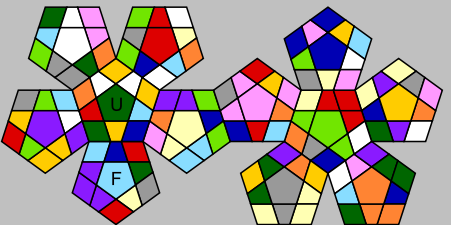
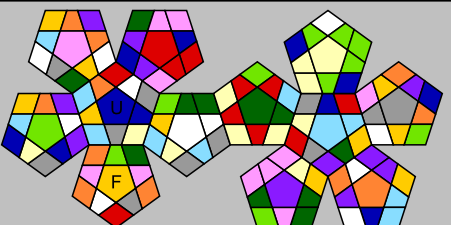
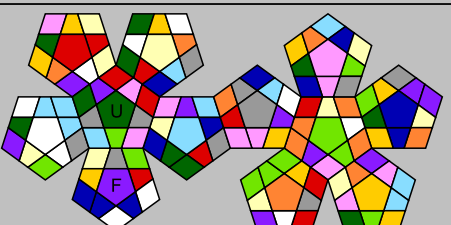
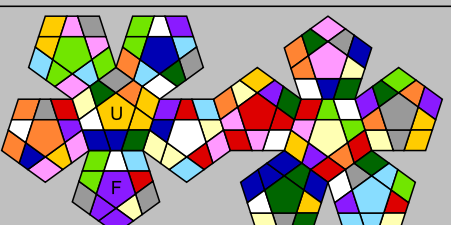
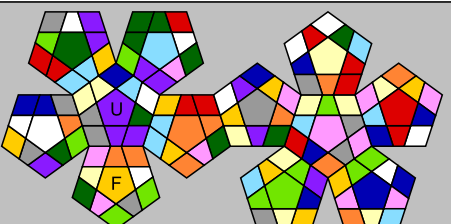
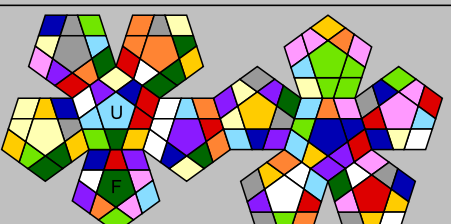
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2.	<p>R2 B2 F2 L' U2 L2 D2 B2 L U F R2 B' R2 U' R F L' U'</p>	
3.	<p>D2 L2 R D2 R2 F2 L B D U B2 L' F' U' L2 F R D' Rw' Uw'</p>	
Extra scrambles		
E1.	<p>U' B2 U2 L2 U2 L2 F2 R' B D2 L' U2 L' F2 U2 R U B2 U' Rw2 Uw2</p>	
E2.	<p>D F2 D F2 L2 U2 R2 B'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

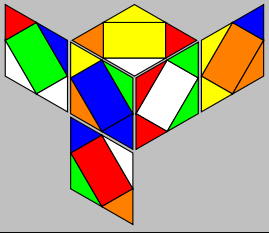
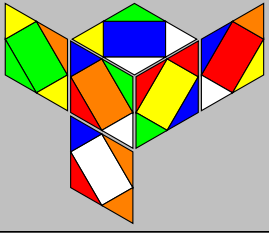
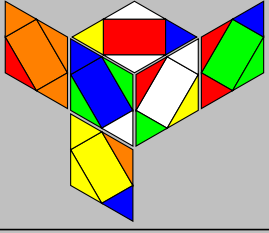
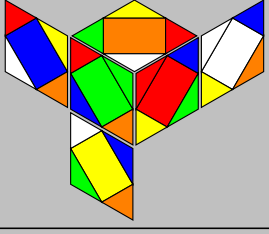
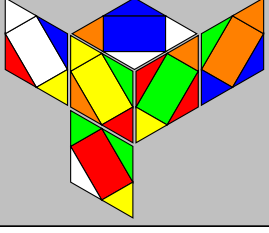
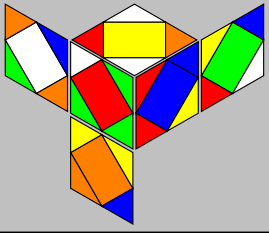
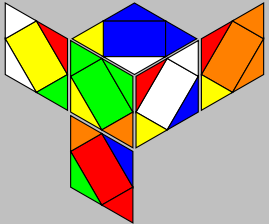
1.	<p>R2 B2 R' F2 D2 L2 D2 R U' L2 F2 U B2 D2 F R2 D U' F2 Rw2 Uw</p>	
2.	<p>U2 L' B2 L' R2 B2 D2 U2 L' D B D U2 B2 U' F2 R' U' F2 R2 Fw Uw2</p>	
3.	<p>D2 R2 B2 R' U2 B2 L F2 L B' U2 R' U' F2 U' R D' R' B' L2 Uw'</p>	
Extra scrambles		
E1.	<p>L R D2 F2 R2 F2 R' D2 B' U B2 R' B2 L2 F2 R' U F Rw' Uw2</p>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

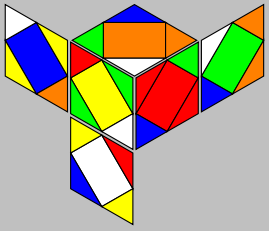
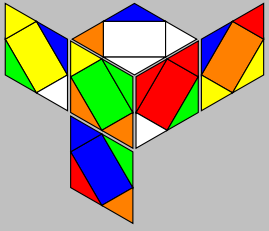
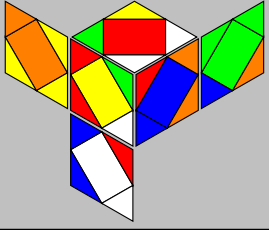
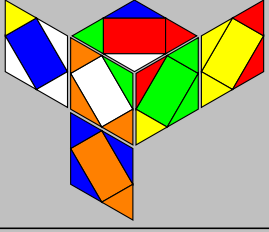
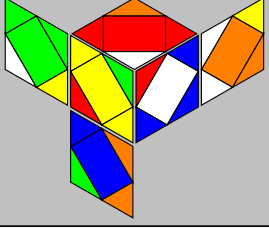
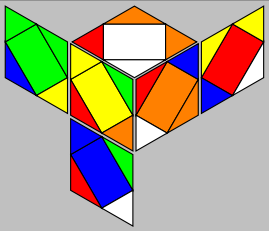
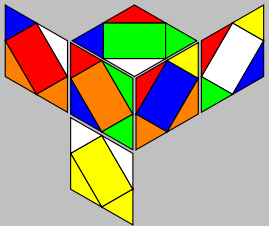
Megaminx Round 1 Group A
Scrambles for Sandnes Open 2016

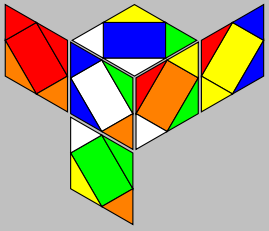
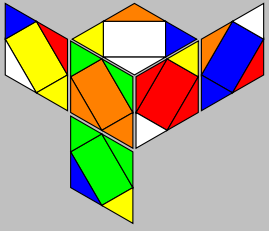
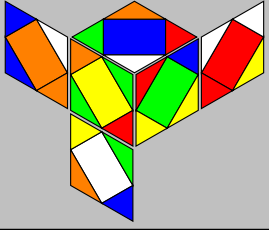
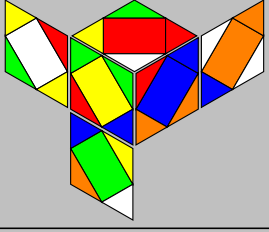
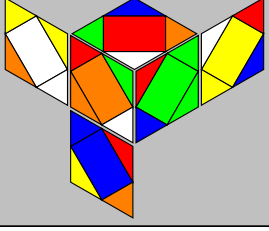
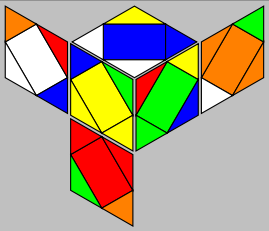
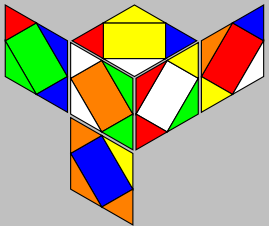
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2.	<p>R++ D-- R++ D++ R++ D++ R++ D-- R-- D-- U' R++ D-- R++ D-- R++ D++ R-- D++ R-- D-- U' R-- D-- R-- D++ R-- D++ R-- D-- R-- D++ U R++ D-- R++ D-- R++ D-- R++ D-- R-- D-- U' R++ D-- R++ D-- R-- D++ R-- D++ R++ D++ U R++ D-- R++ D++ R-- D++ R++ D-- 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++ R-- D-- U' R++ D-- R++ D++ R++ D++ R-- D++ R-- D++ U R++ D-- 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>	

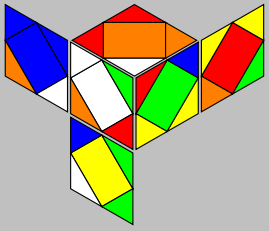
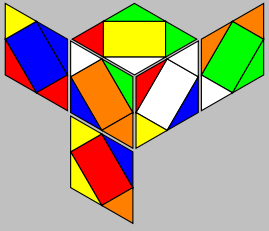
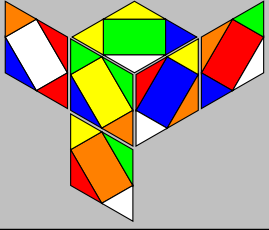
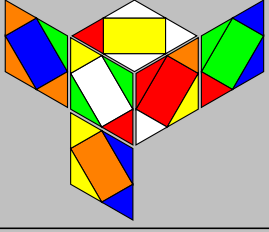
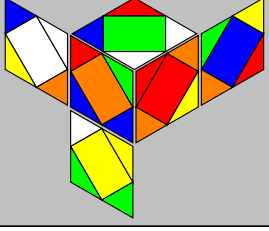
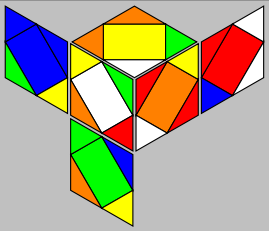
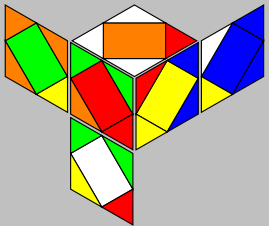
Megaminx Round 1 Group B
Scrambles for Sandnes Open 2016

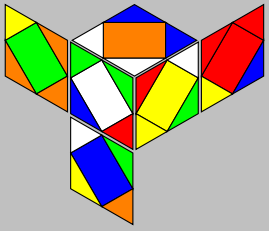
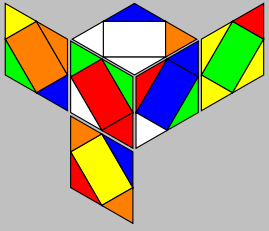
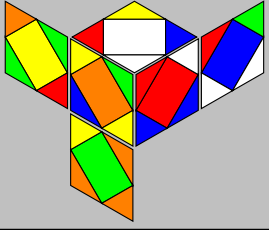
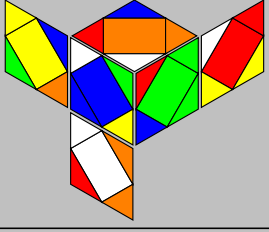
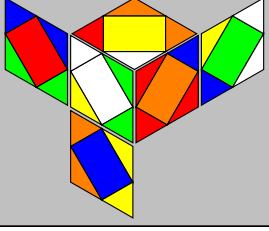
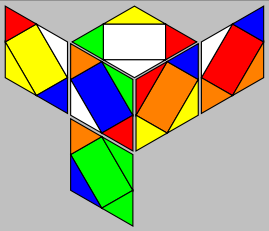
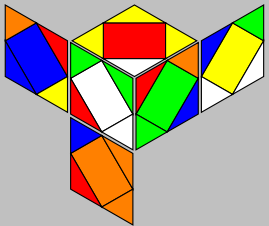
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2.	<p>R-- D-- R++ D++ R-- D-- R-- D++ R-- D++ U R++ D-- R++ D-- R-- D++ R-- D++ R-- D++ U R-- D++ R++ D-- R++ D++ R-- D-- R-- D++ U R-- D-- R-- D-- R-- D++ R++ D++ R-- D++ U R-- D-- R++ D-- R-- D++ R++ D-- R++ D-- U' R-- D++ R++ D-- R-- D++ R++ D++ 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>	

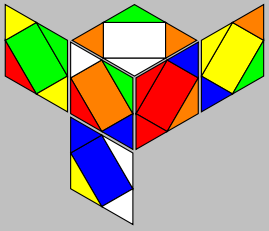
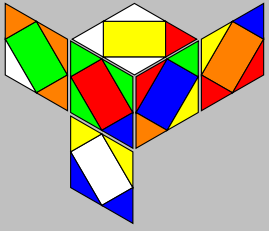
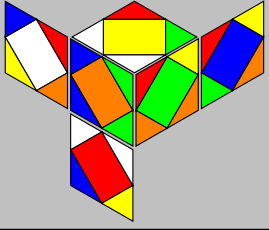
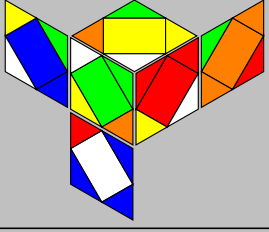
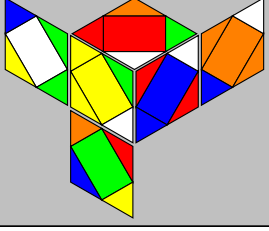
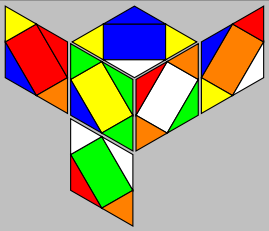
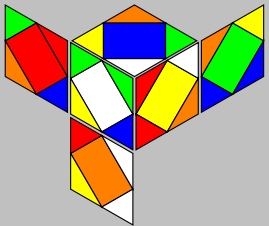
1.	R L B L B U R U R' B' L	
2.	R B L U L U' L U' B' U B'	
3.	R U' L' U L' R U' L R' U L	
4.	B L R L' R' L U L' U' L U	
5.	R L R' L' B R' B U R U B	
Extra scrambles		
E1.	U L U B R U L B' U L U'	
E2.	R L U' B' U B R' B U' L' B'	

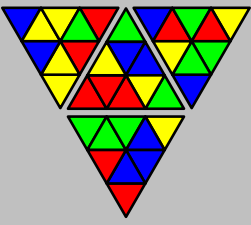
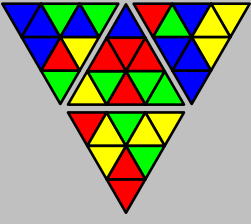
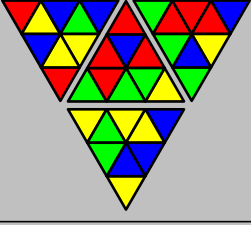
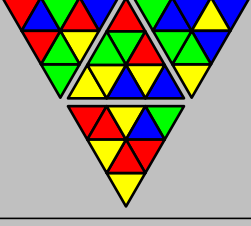
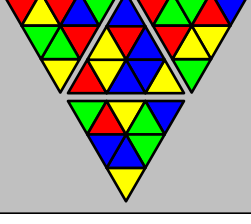
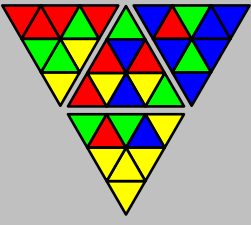
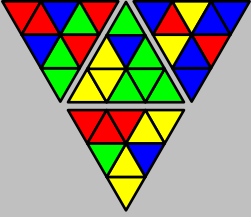
1.	U L U' L B L U B L' U B	
2.	B L R L R B L U' B' R' U	
3.	L B R' L B' L' B' U' R' U R'	
4.	U L B' R' B R' L' R' B L' U	
5.	L B L' R U' L B L' R U' L'	
Extra scrambles		
E1.	B U L U' R' L' B L U' R' L'	
E2.	U B R B L U B L B U' R	

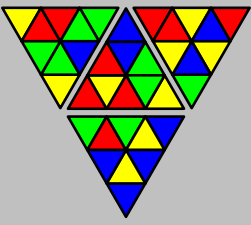
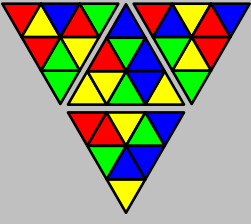
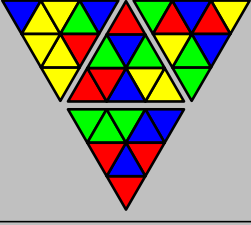
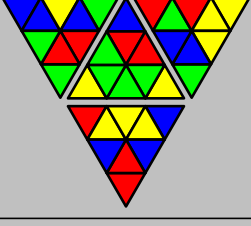
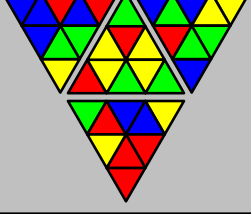
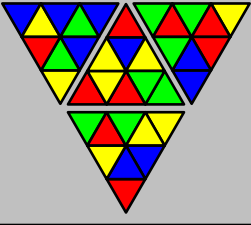
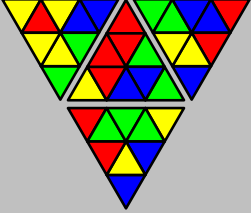
1.	R B L R' B' L R' U B L' U	
2.	B R B R B' L' B U R' U' B	
3.	L U R U L U L' U L U L	
4.	U B R' L' U' B U' L' U' R' L'	
5.	U L U' R' U' L' U R B L' U'	
Extra scrambles		
E1.	R L R L' B' U' L B' L B L	
E2.	R U L' R' U' R' U L R' B L'	

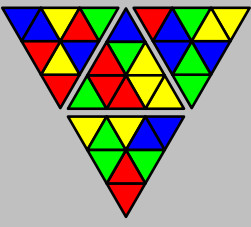
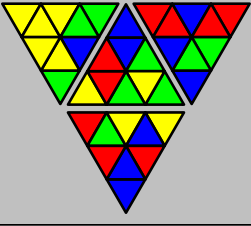
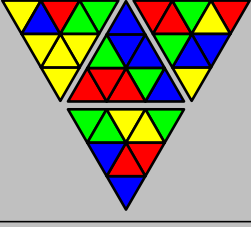
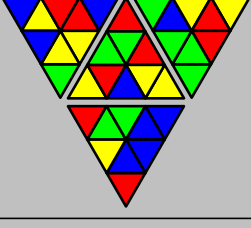
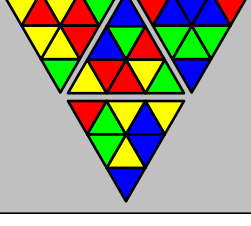
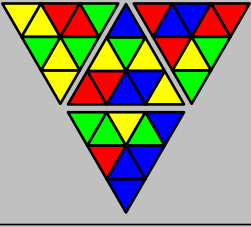
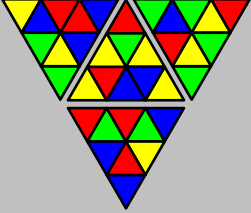
1.	B L B R' L' B L' B L U L	
2.	R U R U R' B L' B U' L U	
3.	U B R B' U R L' B R' U B	
4.	R U' L R L' B' R' B' U' B' U'	
5.	L R' L U L' R U B' U R' B'	
Extra scrambles		
E1.	B L R L R L' U L R' U' B'	
E2.	R B U B' U' R B' R L' B L	

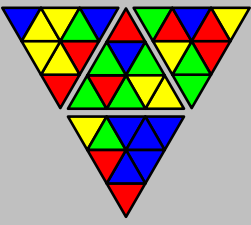
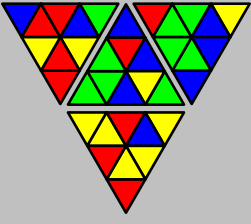
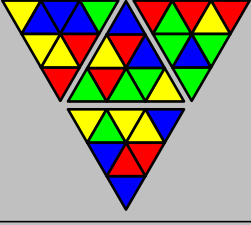
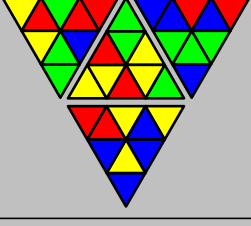
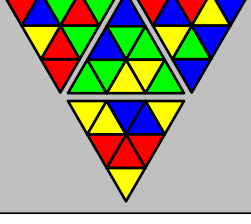
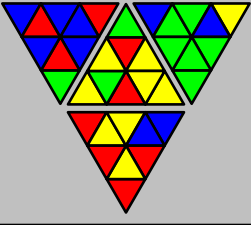
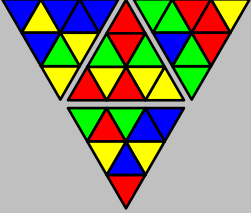
1.	L U B L' B' L' U R B' L B'	
2.	R B U L R B' R B L' U' R'	
3.	U B R B' L B' R' B U B' L'	
4.	U R U R' B' L B R' B U' L'	
5.	L R B R L' R' B U L B R	
Extra scrambles		
E1.	B R' L' U' L U B' L' R B R	
E2.	B U B L R U' B' L' U L B	

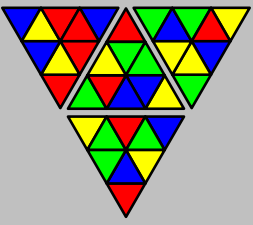
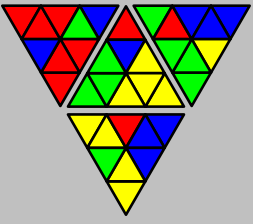
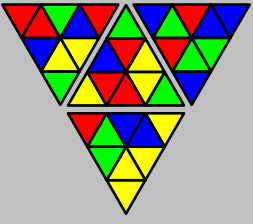
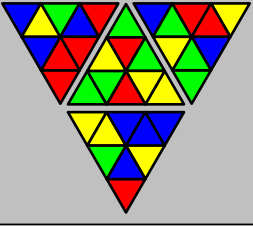
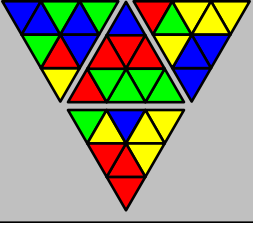
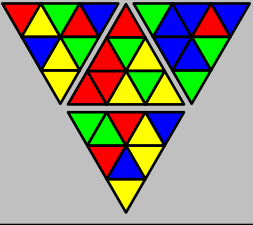
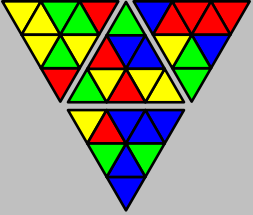
1.	L R B U R' U' B' U' B U' B	
2.	R U B R U' B' L' R L U' L'	
3.	U B R' L' R L' B U' B' R' L'	
4.	R B U R B' L' B L' U' B R	
5.	R B U' B' R' U L' U B U B'	
Extra scrambles		
E1.	L R U' R L' U' L R L' B U'	
E2.	R B L U B' R' U R B' U L'	

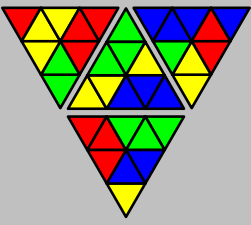
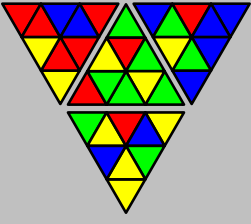
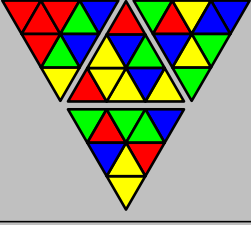
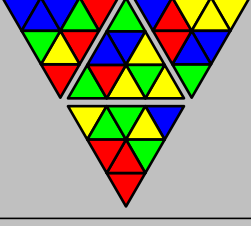
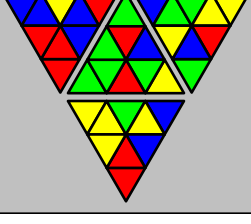
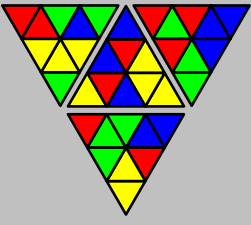
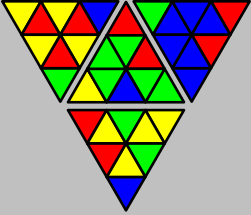
1.	U' R B' U B' L B' U L B' L' u' r' b'	
2.	L' U' R L U' B' L' U B' R' L u' l'	
3.	U L B U' L' B L' B L' B' U u l' r b	
4.	R B R B L U L' R' U' L' B' u' r b'	
5.	U' L' U' B R' L B R U R' L' u' l' r' b	
Extra scrambles		
E1.	B' R B L U' R' L' R' U' R' L' u' l' r'	
E2.	U L B L R' U L' B' U' L R u'	

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

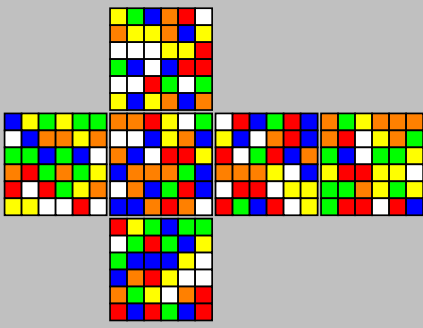
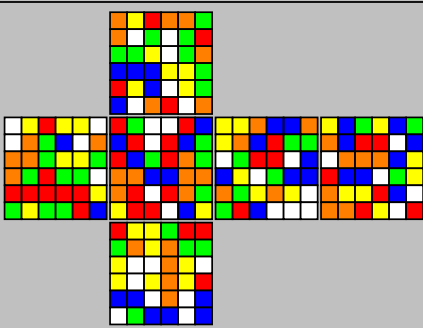
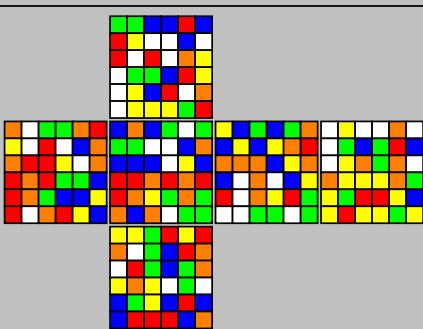
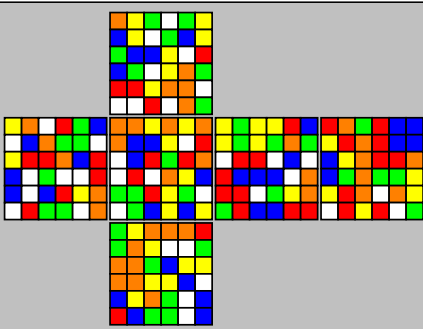
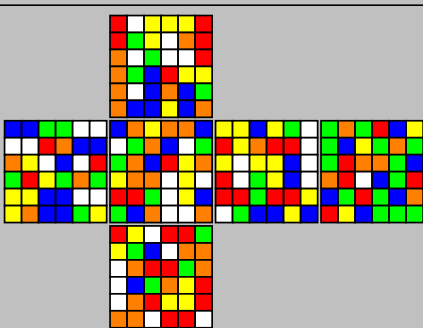
1.	L U' R' L U R' U L B L U' u l'	
2.	U L R L' U B' R' L' U' L' R l r'	
3.	R U' L' U B' U' R' U B' L' U r' b	
4.	L' B' L' B R' B' L B' R' B L' u' l b'	
5.	U' R B' R U' B L' R U' R L' u l r' b'	
Extra scrambles		
E1.	L B L' B' L B' R' L' R L R' u r'	
E2.	U L' U' R L U B' L U' B' R u' l r' b	

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

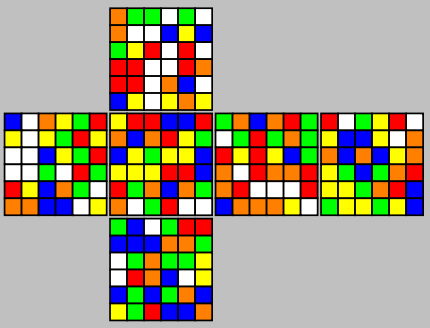
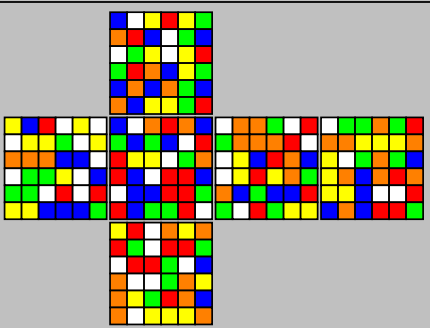
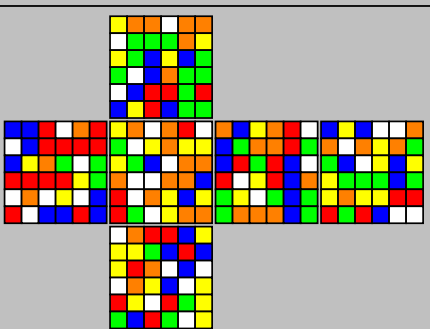
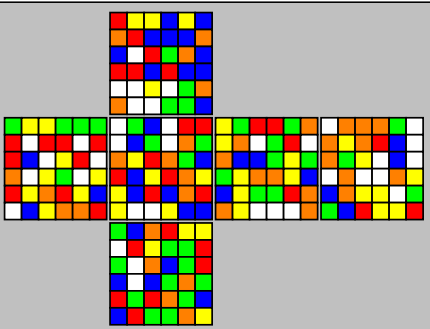
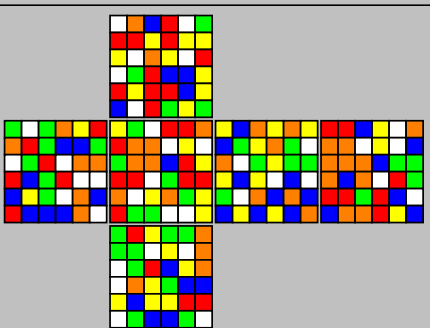
1.	U R L' U B R B L' B' U B u' l' r' b'	
2.	B R' L' U L' R' L' U B U' B u	
3.	R L U' L B' U L' R U' B R' u l r'	
4.	L U R U' L' R B' L R' L' U' u b'	
5.	L R' U' B' U L R' L U' R' B' u' l	
Extra scrambles		
E1.	U B L' B' U L R' U L B' R u' r b	
E2.	L R' L U L' B U' L U R' B u' l	

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

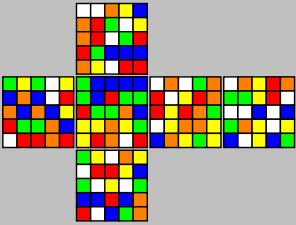
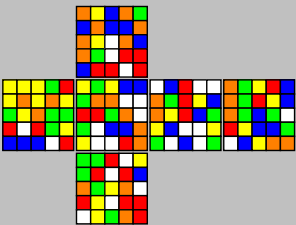
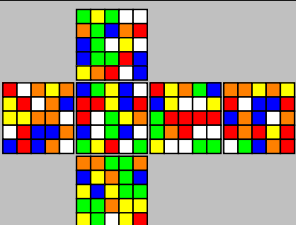
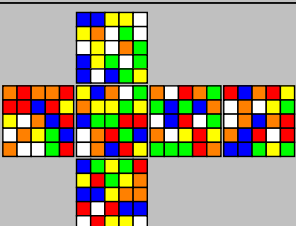
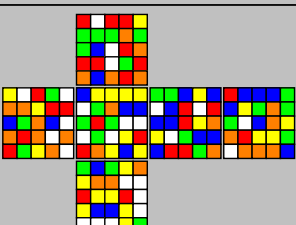
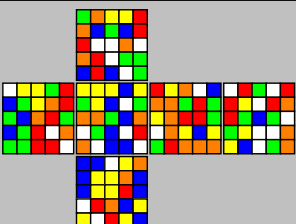
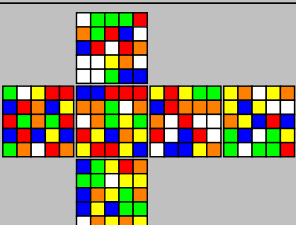
6x6x6 Cube Round 1 Group A
Scrambles for Sandnes Open 2016

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

6x6x6 Cube Round 1 Group B
Scrambles for Sandnes Open 2016

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

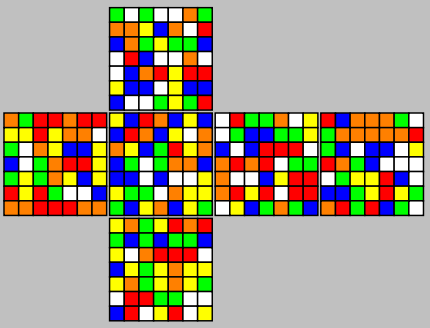
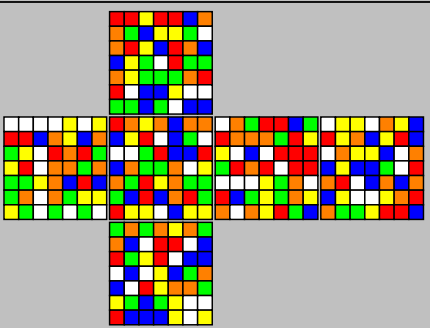
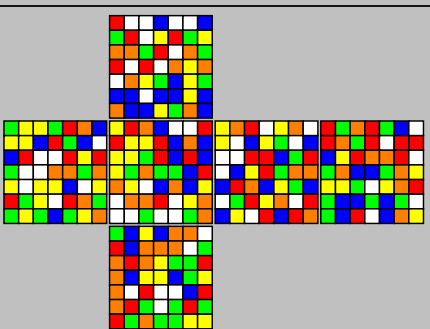
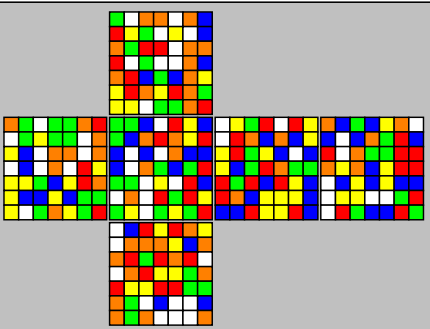
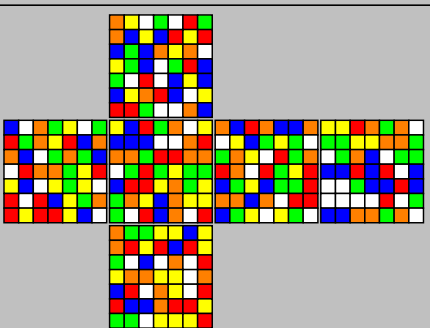
5x5x5 Cube Round 1 Group A
Scrambles for Sandnes Open 2016

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

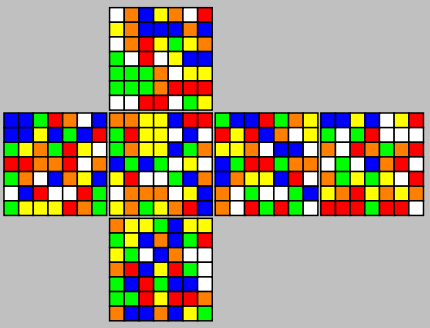
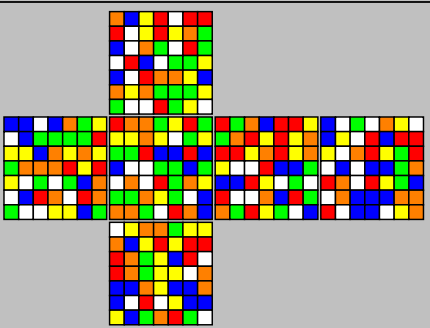
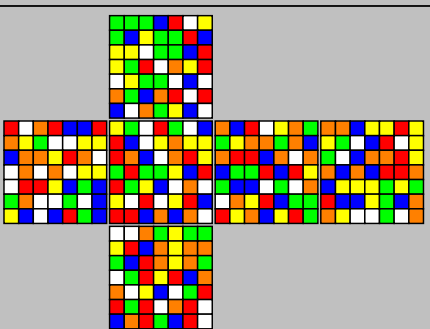
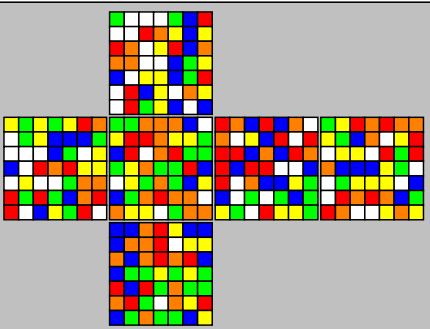
5x5x5 Cube Round 1 Group B
Scrambles for Sandnes Open 2016

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

7x7x7 Cube Round 1 Group A
Scrambles for Sandnes Open 2016

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

7x7x7 Cube Round 1 Group B
Scrambles for Sandnes Open 2016

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