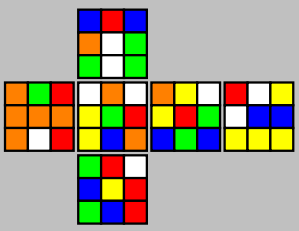
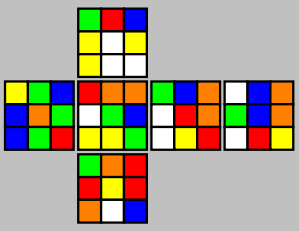
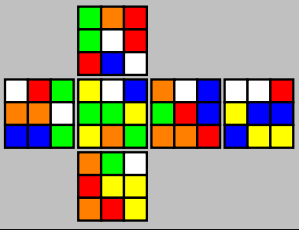
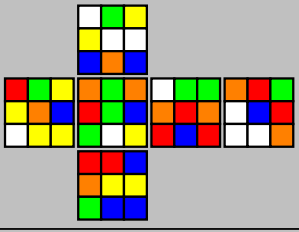
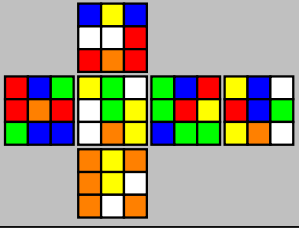
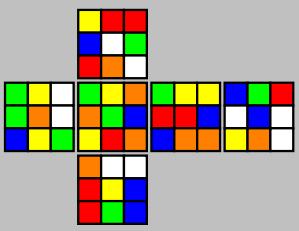
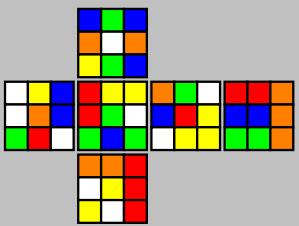
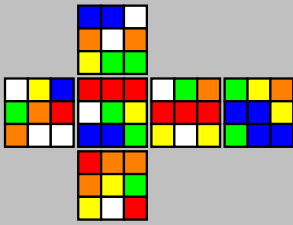
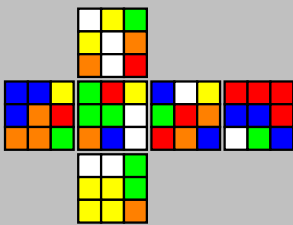
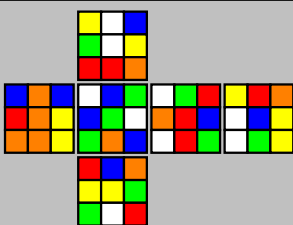
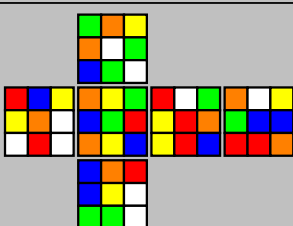
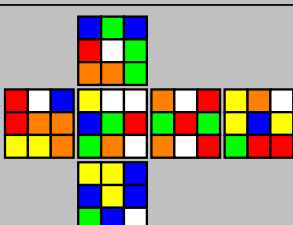
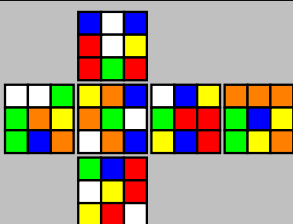
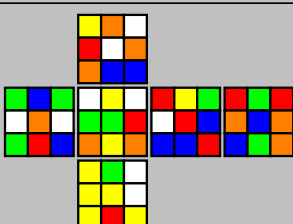
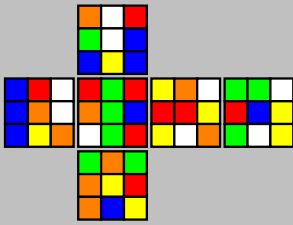
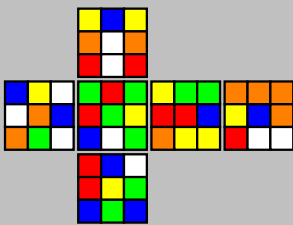
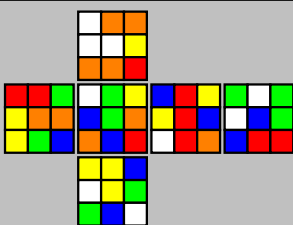
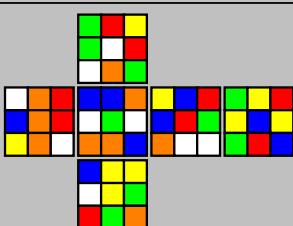
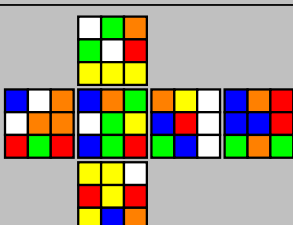
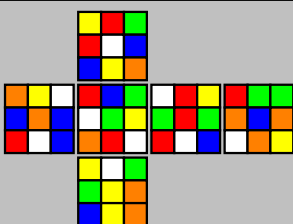
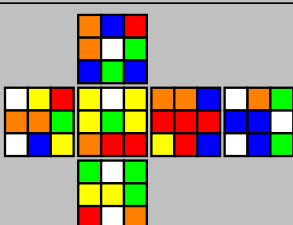
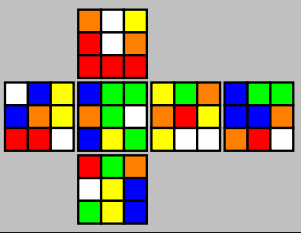
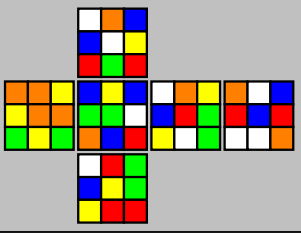
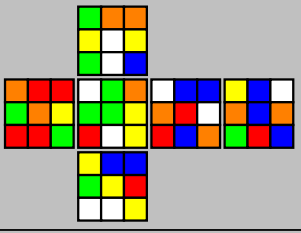
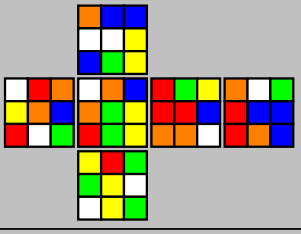
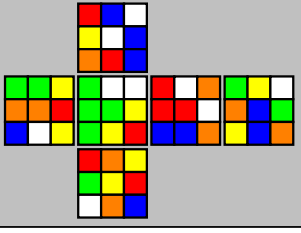
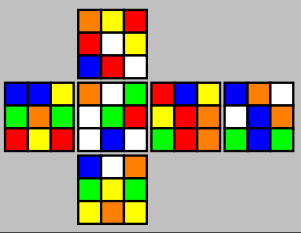
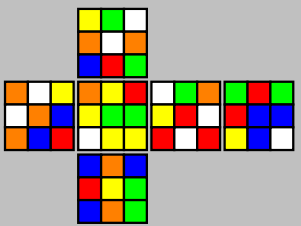
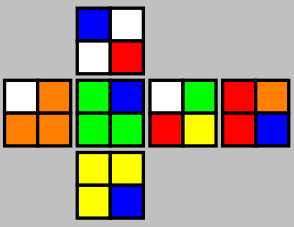
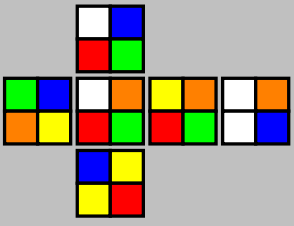
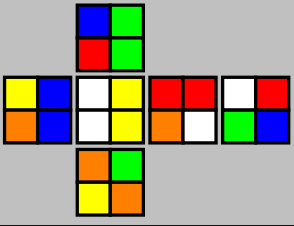
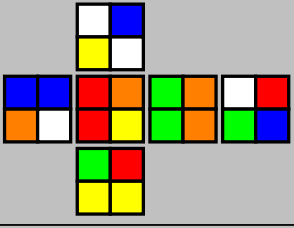
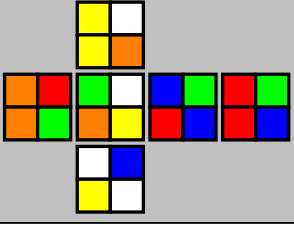
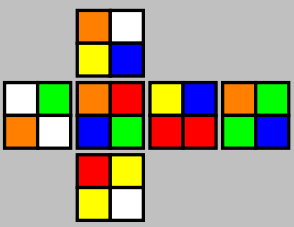
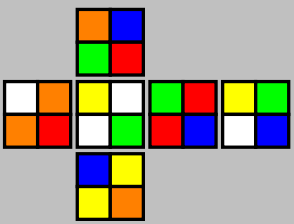


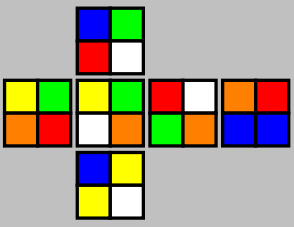
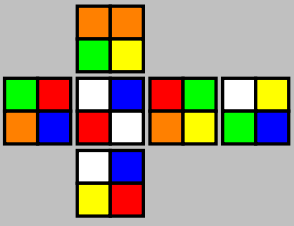
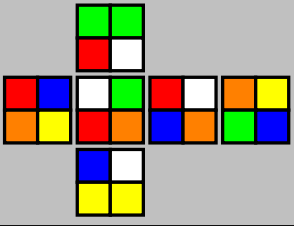
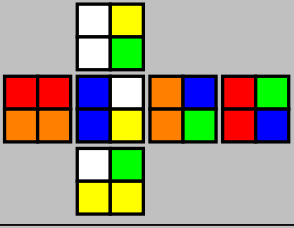
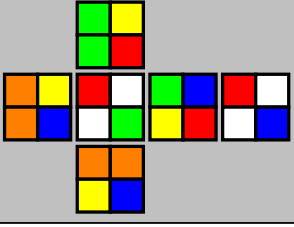
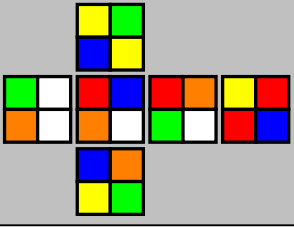
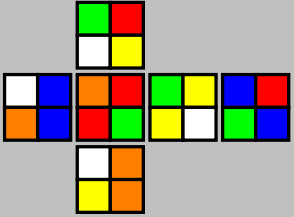
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2.	U2 B2 L R D2 F2 L2 R' F' U' F' L' D F D2 L D2 U2 L2	
3.	D2 L2 R2 F L2 B2 U2 B2 D2 F2 R' D B' L2 F' L2 U R' U R2	
4.	F2 L' D2 B L2 F2 B' R U' D' R2 F' B2 L2 F2	
5.	B2 L U2 B2 L U2 L D2 R B2 R2 U B' L2 R' B' U L2 B' D	
Extra scrambles		
E1.	F U L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

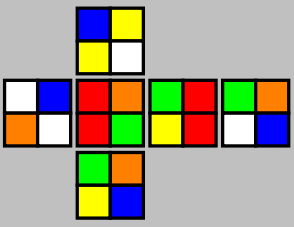
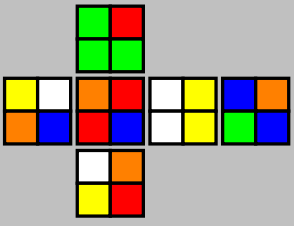
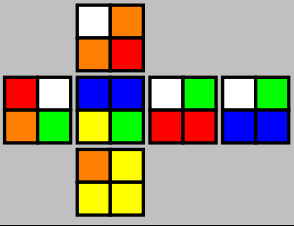
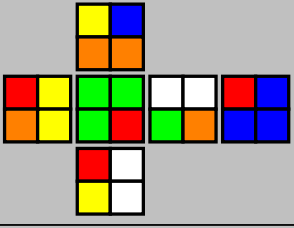
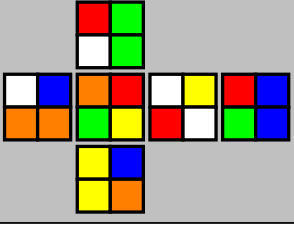
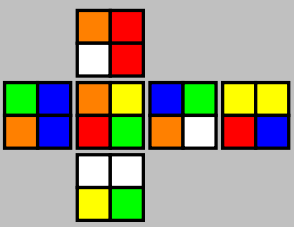
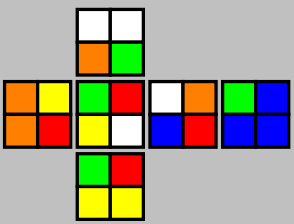
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2.	R2 U2 B' D F D F R D B' R2 D' B2 U2 L2 U' R2 D L2	
3.	F2 U2 R' U2 B2 R' B2 L F' D2 F' U' L' U' B2 U' F2 U'	
4.	U2 L D L' F2 R B' L' U F L2 F2 U2 R2 B2 U2 B2 L2 U2 R	
5.	R' U' L B U F D L' U D2 R' B D2 F' B D2 L2 F' R2 D2	
Extra scrambles		
E1.	L'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

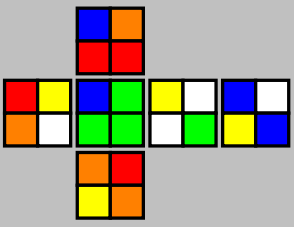
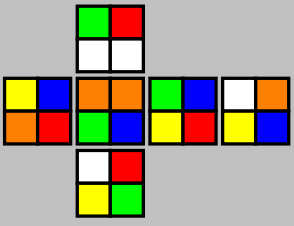
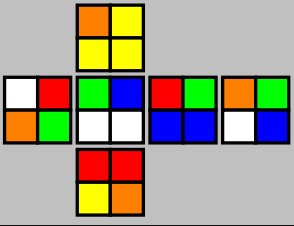
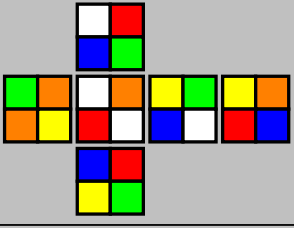
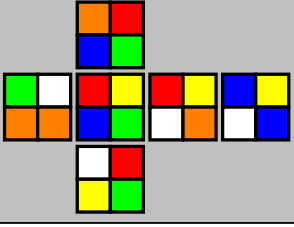
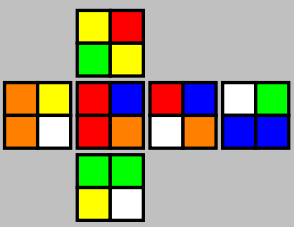
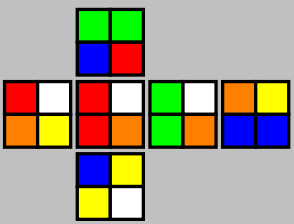
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2.	D2 U L2 U' R2 B2 D' F2 L2 B U2 L' D R B' L' U B D U2	
3.	U2 B2 R2 B2 U' R2 B2 R' F2 D U2 F2 U2 L2 B' R2 U2 B	
4.	B2 U2 B U' R L2 U D' R2 L U2 B2 U2 B2 D2 R2 B R2 B	
5.	D2 F2 L B' U D2 R' U2 B' D' F2 B2 R' U2 F2 R F2 D2	
Extra scrambles		
E1.	L B2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

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

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

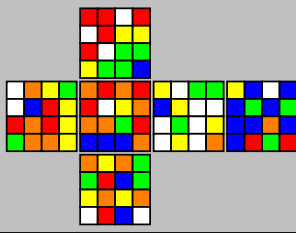
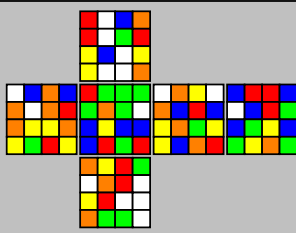
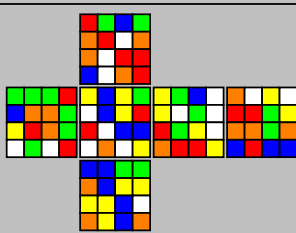
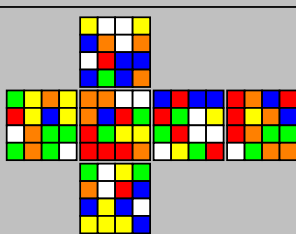
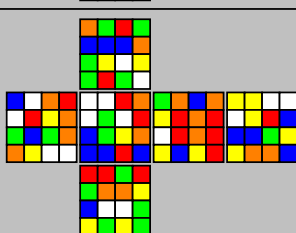
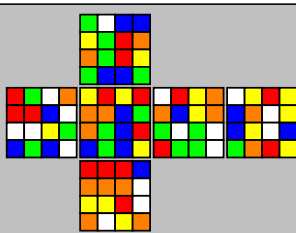
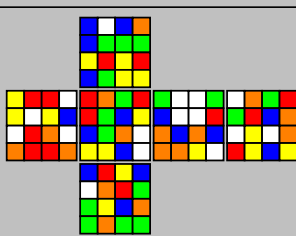
1.	U2 R U' R2 U R U2 F R U' R'	
2.	U R' U' R2 U' R2 U2 R' U' F U	
3.	U' R' F' U2 F R U2 F' R U' R	
4.	U' R' F U F' R2 F U' R' U' F	
5.	U2 R' U2 R2 U' F' U' R2 F' R2 U'	
Extra scrambles		
E1.	U R' U' R2 U R F U' F U' R2	
E2.	U2 R2 U2 R2 U' R2 U F U2 F' R2	

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

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

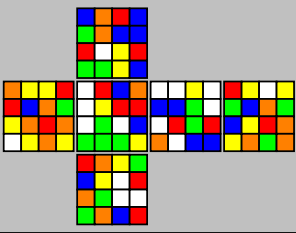
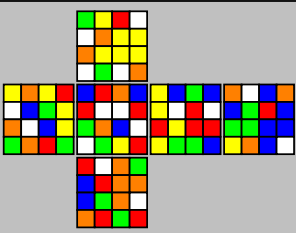
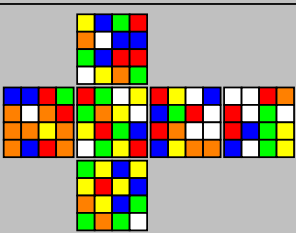
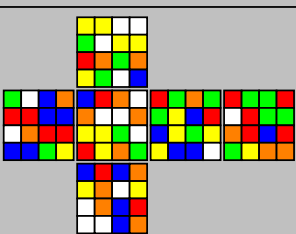
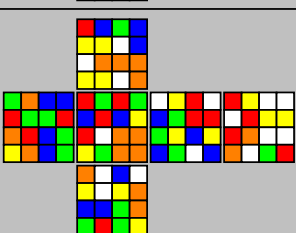
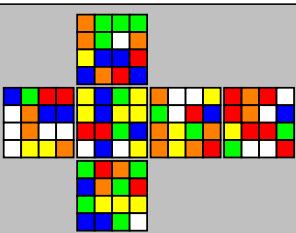
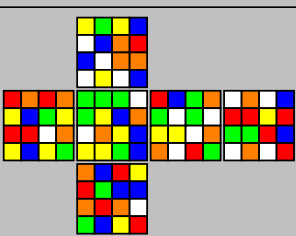
2015/07/21

4x4x4 Cube Round 1 Group A
Scrambles for Bergen Open 2015

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

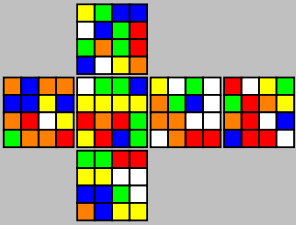
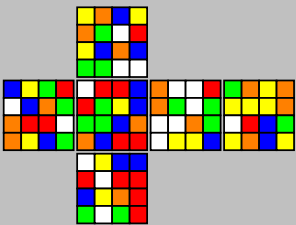
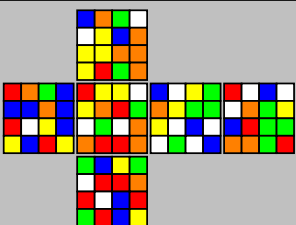
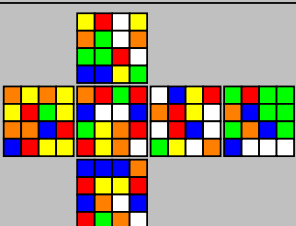
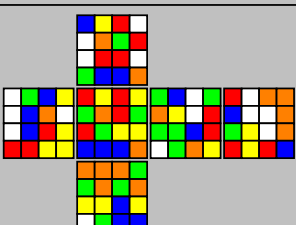
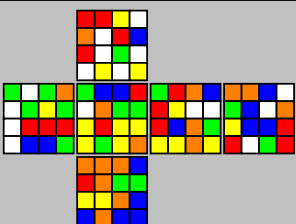
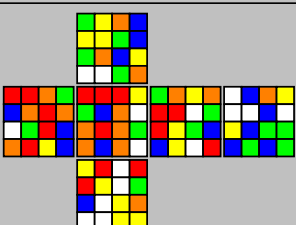
2015/07/21

4x4x4 Cube Round 1 Group B
Scrambles for Bergen Open 2015

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

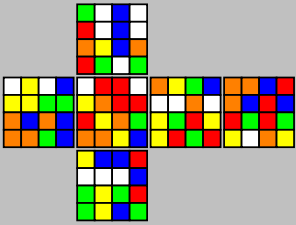
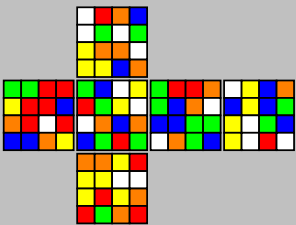
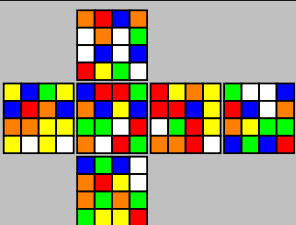
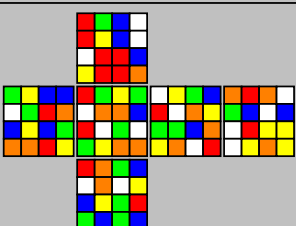
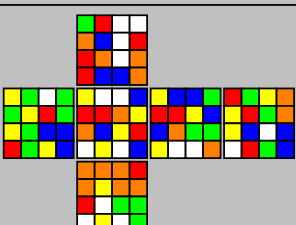
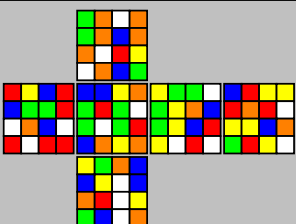
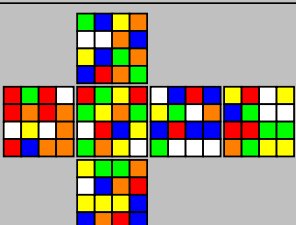
2015/07/21

4x4x4 Cube Round 2 Group A
Scrambles for Bergen Open 2015

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

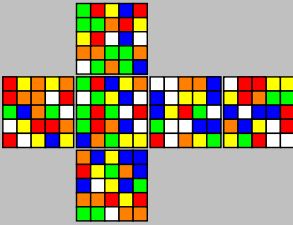
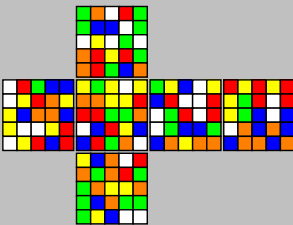
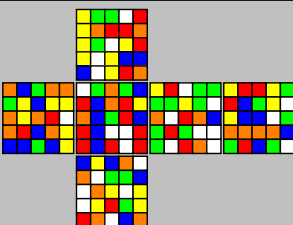
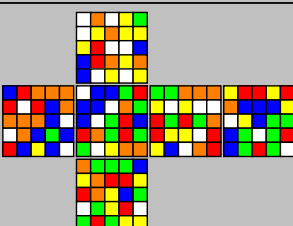
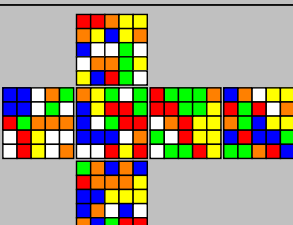
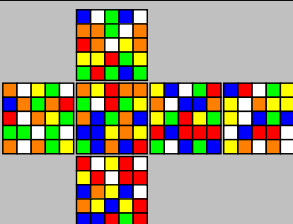
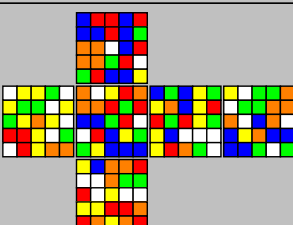
2015/07/21

4x4x4 Cube Round 2 Group B
Scrambles for Bergen Open 2015

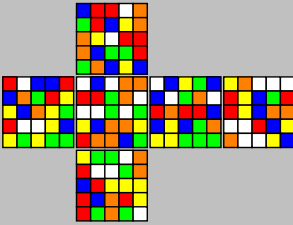
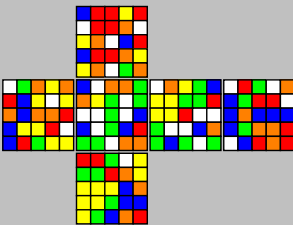
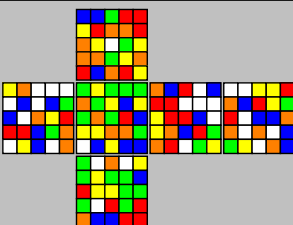
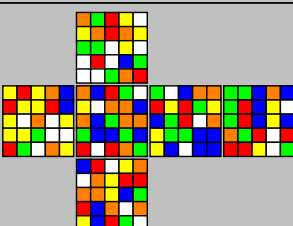
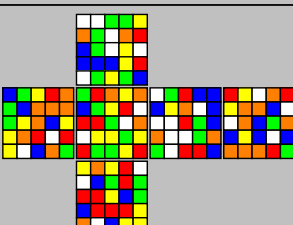
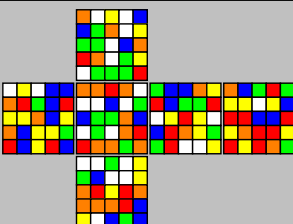
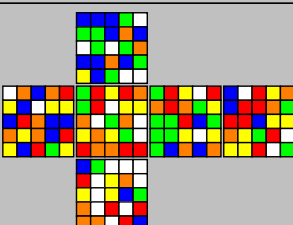
1.	U2 R2 B2 U2 L' B2 L B2 R2 F2 B L F' R U' D L B L' R2 Fw2 Rw2 F Rw2 R2 B' L F' B L' Fw2 L' D2 Uw' B2 Uw2 F2 R2 Fw Rw L' R' Fw2 Rw Fw'	
2.	B U2 F D R2 F' U2 R B D' R2 L2 F2 D2 L2 D B2 L2 D F2 Uw2 F Uw2 Fw2 D L2 U' Rw2 Uw2 Fw2 B' F2 D' Rw' D2 Rw U' Fw' D' Rw' U Fw Rw2 R2 U2	
3.	U' R2 B2 F2 U2 B2 L2 B2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

2015/07/21

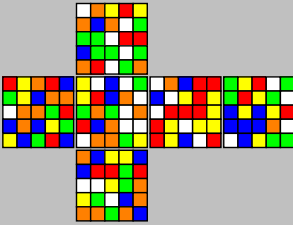
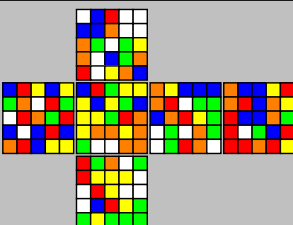
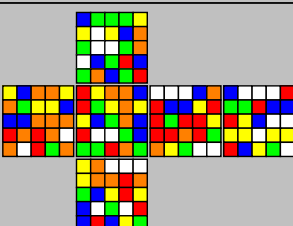
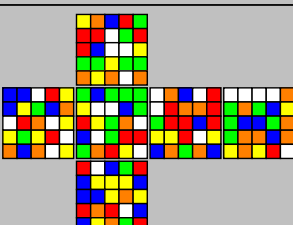
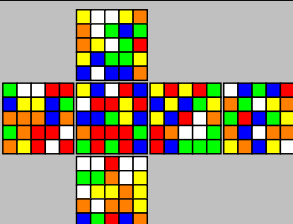
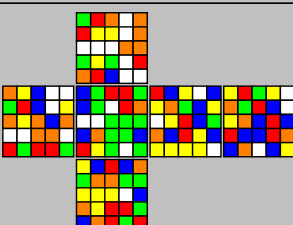
5x5x5 Cube Round 1 Group A
Scrambles for Bergen Open 2015

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

5x5x5 Cube Round 1 Group B
Scrambles for Bergen Open 2015

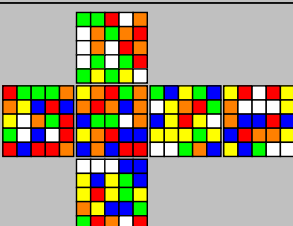
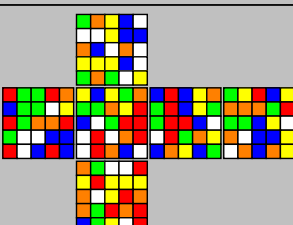
1.	<p>Rw Fw' F' D' B2 U2 F' B2 Fw' R Rw' U2 B F Bw2 L2 F B' D2 F' Rw2 Uw L2 Rw2 D2 Rw2 L2 Fw D' B Dw2 L' Bw2 R2 Dw2 Rw' F2 Lw D Lw Fw2 D2 Lw' Fw2 U R2 Bw' Lw2 B2 Uw R Dw' Uw' Bw2 B U B2 Lw2 Bw2 Dw'</p>	
2.	<p>B' Rw2 Lw2 Bw' B Uw Lw2 R Fw' F2 Rw2 U2 Bw' L' Fw Uw' Fw' Lw' B2 R Bw' Lw2 F' Dw' U2 L' Bw L2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

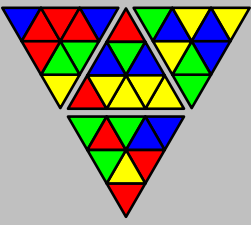
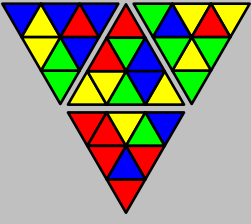
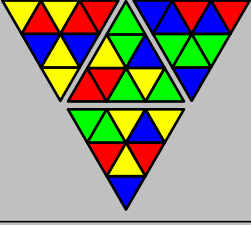
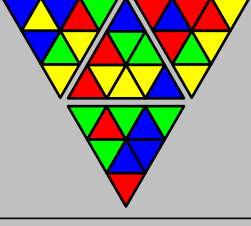
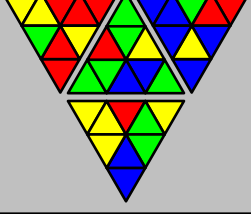
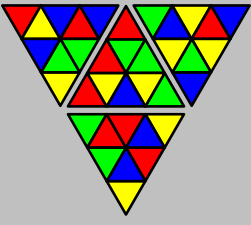
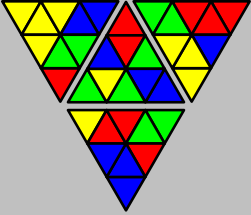
5x5x5 Cube Round 2 Group A
Scrambles for Bergen Open 2015

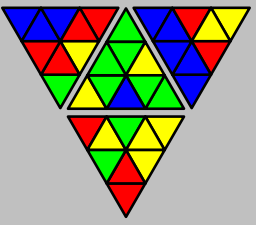
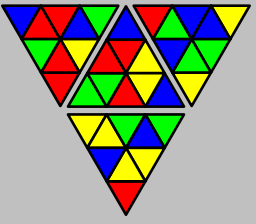
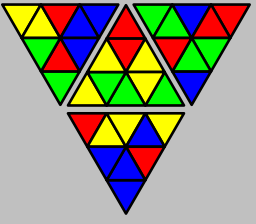
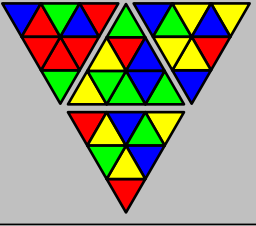
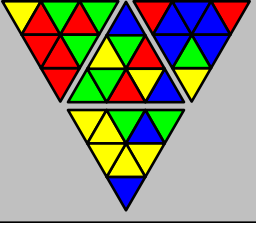
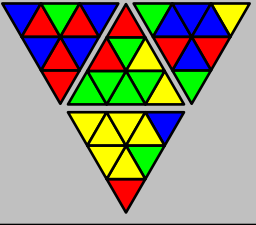
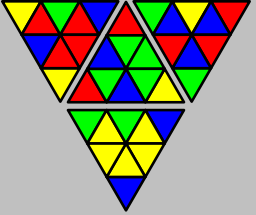
1.	<p>F2 Bw2 D U' Uw B2 Fw' Lw2 D Bw' Fw L Uw Dw2 Bw' Rw' B2 L2 B Bw' F2 Uw2 Bw B Uw' U Lw2 Dw U D' Uw' Lw' R2 Rw U2 Bw2 D Dw' Uw' Bw2 Dw Bw U2 D Dw2 B2 Uw2 L F2 Dw' Bw Rw2 Lw' B F' Bw2 U Bw R' L2</p>	
2.	<p>U2 Fw U2 Fw2 Rw R2 L B2 D' R2 B2 Bw2 Rw2 Lw2 Fw2 Rw2 D Rw U' D' Lw' Dw' Fw2 R' Dw2 R Lw2 D' L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

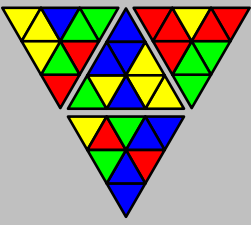
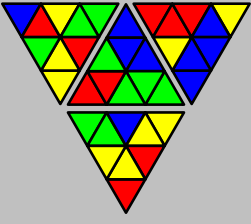
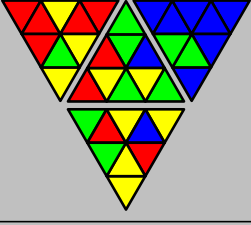
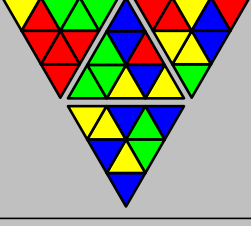
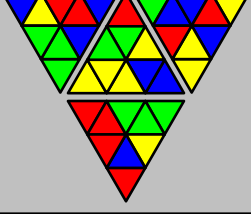
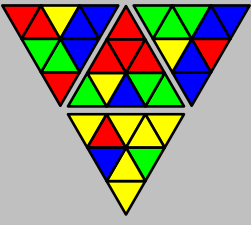
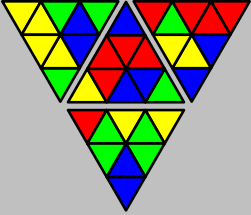
2015/07/21

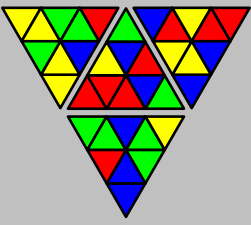
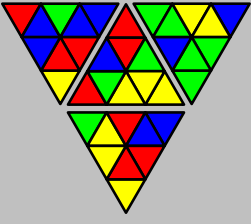
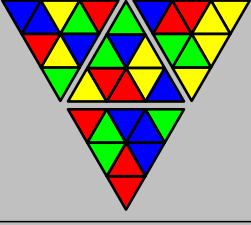
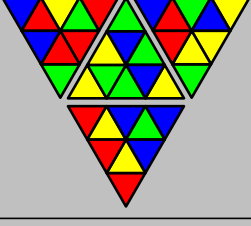
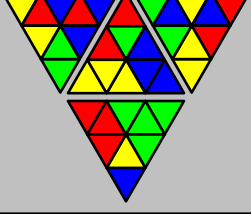
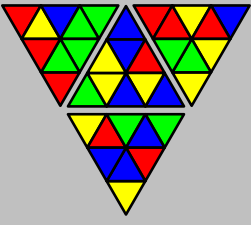
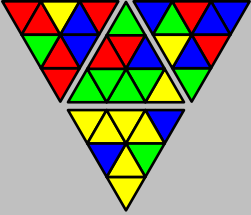
5x5x5 Cube Round 2 Group B
Scrambles for Bergen Open 2015

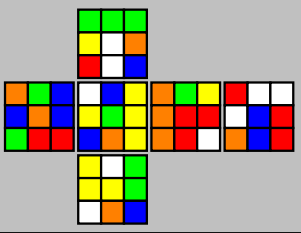
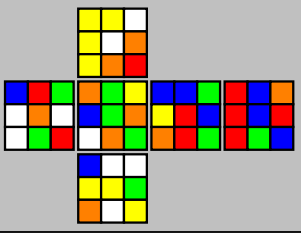
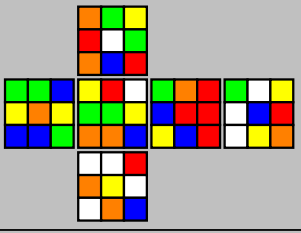
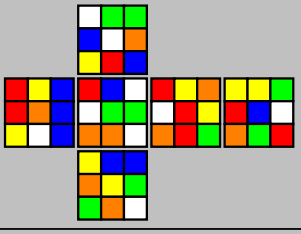
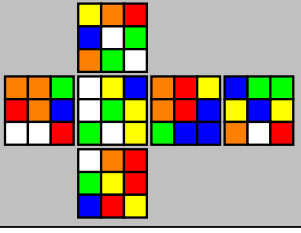
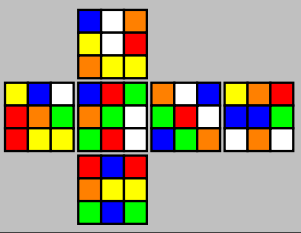
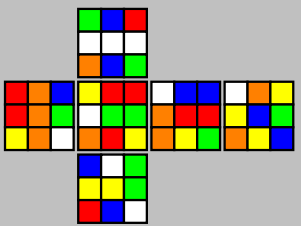
1.	<p>Uw2 D2 U B' F2 R' B Rw2 R' B2 D2 Uw' Dw' L2 Rw' B' R2 L B2 U' D B2 L' Bw2 Lw2 Bw' Dw' D2 U' Fw Bw' L2 Lw2 F2 R L2 B' Lw Uw' Bw2 Fw2 Dw' Fw2 F' Lw Dw B' Rw2 B2 R' U2 Lw D' U' Rw Bw' R Lw' Uw2 B2</p>	
2.	<p>B2 R' B2 Uw Rw' U2 Fw2 Uw2 Bw' L2 R' Bw' Dw' R Fw2 Dw' D2 Rw B U' Rw' L Fw U' Uw' Rw2 U2 Fw2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

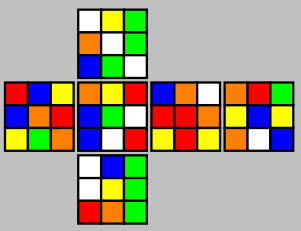
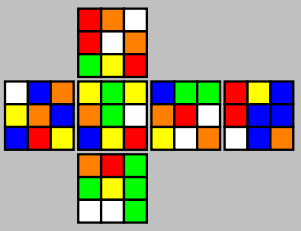
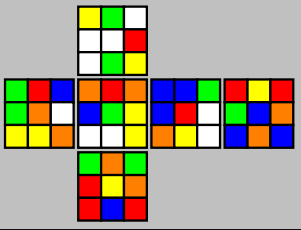
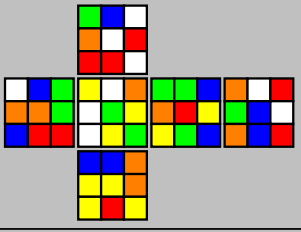
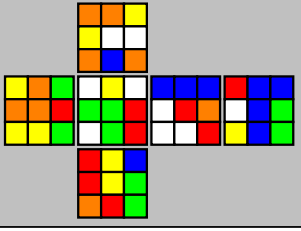
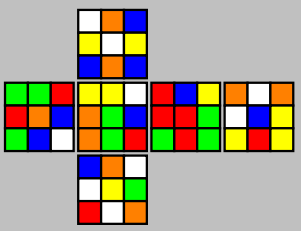
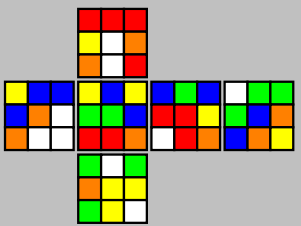
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2.	R B' U' B' U' B' R U L' U B' u' r' b'	
3.	R' L U B U L R B' U R L' r' b'	
4.	R' B R B U R' U R' U' L' U' u l' r b'	
5.	B U' L' U B R' B L' B L' B r	
Extra scrambles		
E1.	B U' R' U' B U' L' B R B' R u' l' r' b	
E2.	U' B L' B L' B L R' L' B' L l	

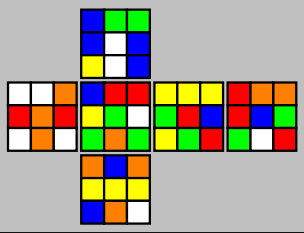
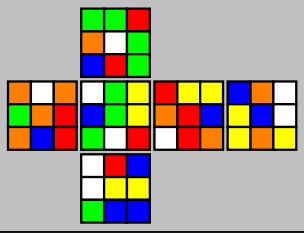
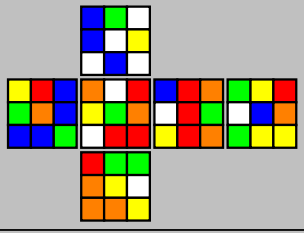
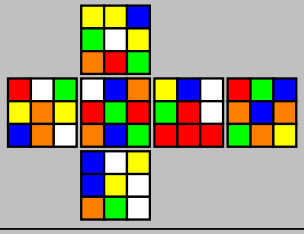
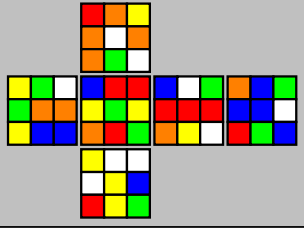
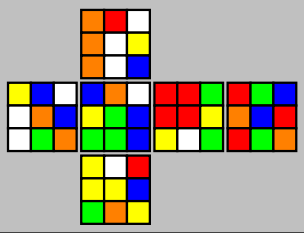
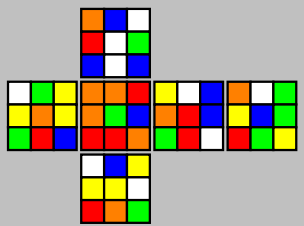
1.	L U R U B' R' B L U B L l'	
2.	B R U B R U R' B' R' B' R u' r b	
3.	U R' B' L U B R' U L' U' B' l' r'	
4.	L R L B L' R B L' B' U' B' u l' r b	
5.	L' U' L' B R' L U' B' L U' R' u r b'	
Extra scrambles		
E1.	L R' L' U R L' B' L' U' B L' u' r b	
E2.	R L B L U' R B' R L' U L' u' l r b'	

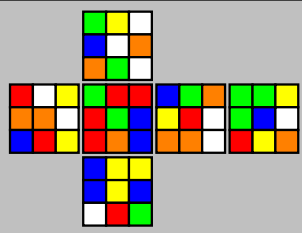
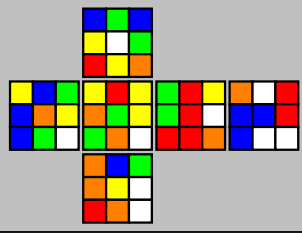
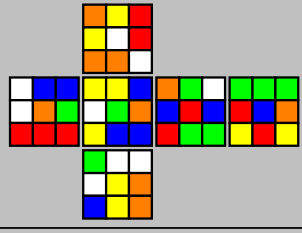
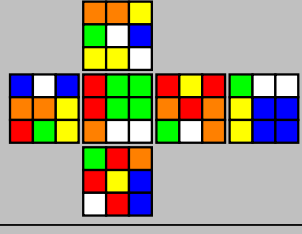
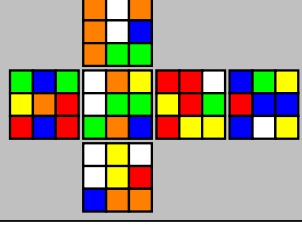
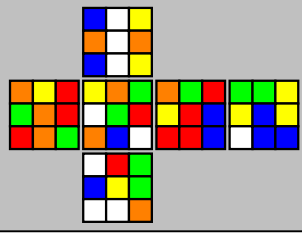
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2.	U B R' U B' U B L B' U R b	
3.	B L' R U' L' R' U B L B R l' r'	
4.	B U' L U' B' R L' R' L' R' L r' b'	
5.	B R' L U R B R U R L U u' b'	
Extra scrambles		
E1.	L U L' R' L U' B' L U' R B l	
E2.	R U R' L B U B' R' U B' U' u' l r	

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

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

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

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

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