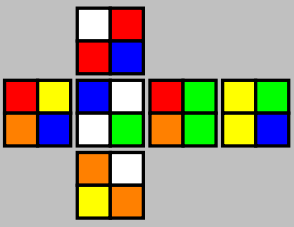
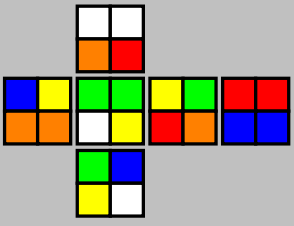
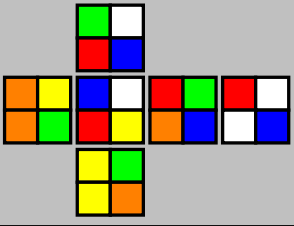
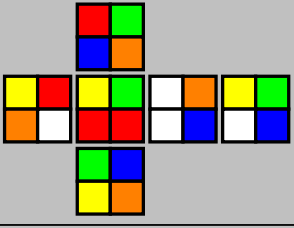
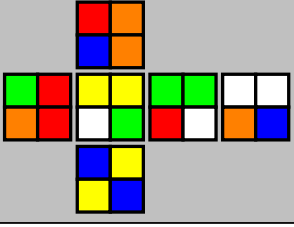
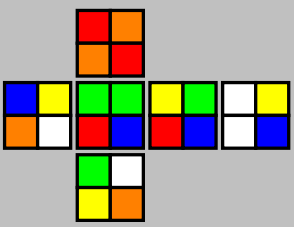
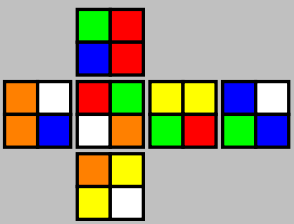
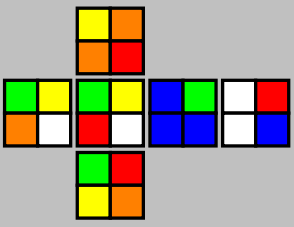
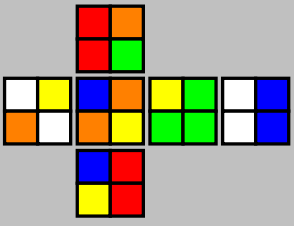
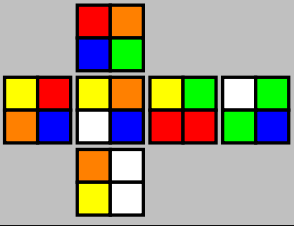
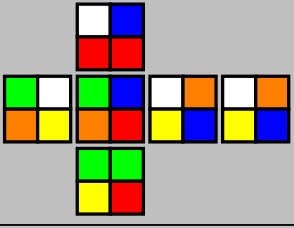
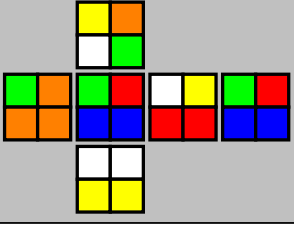
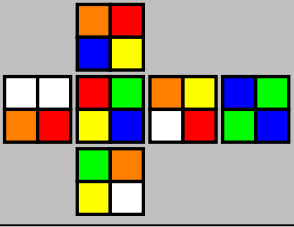
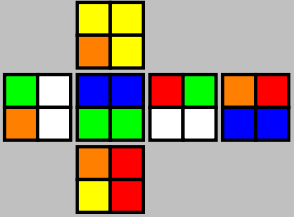
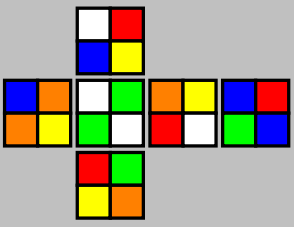
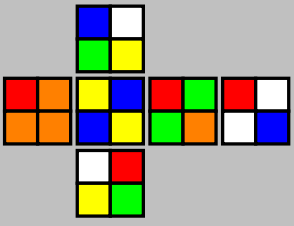
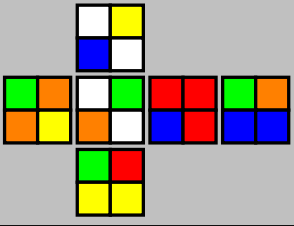
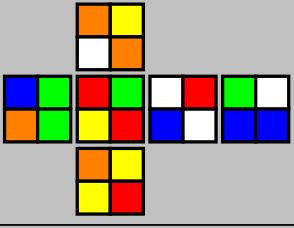
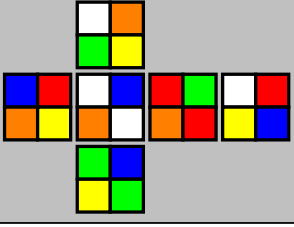
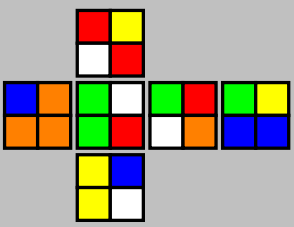
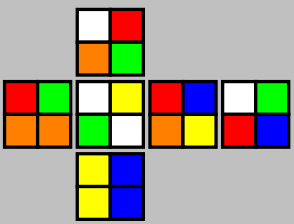
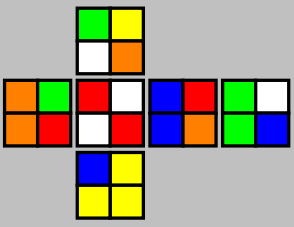
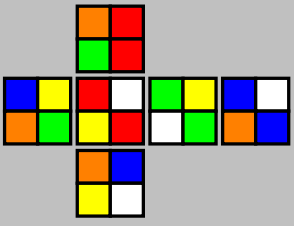
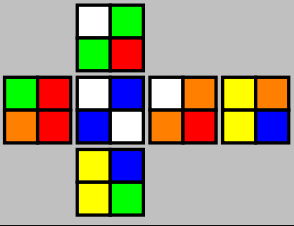
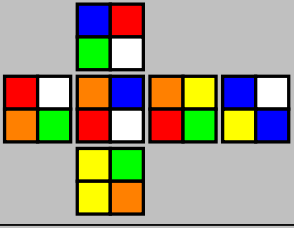
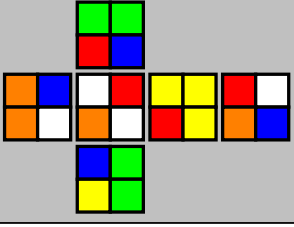
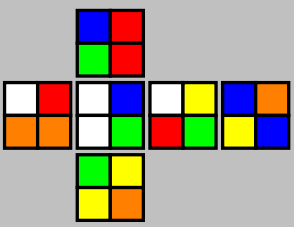
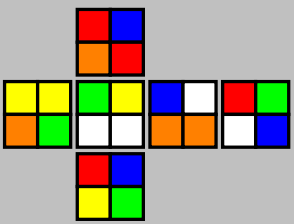
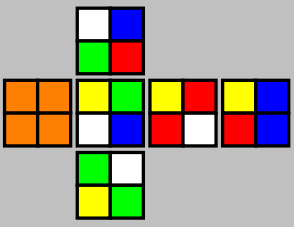
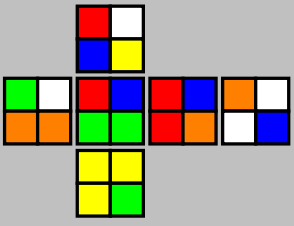
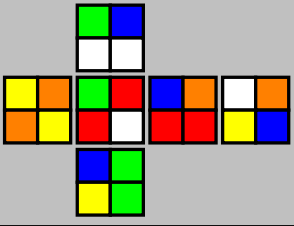
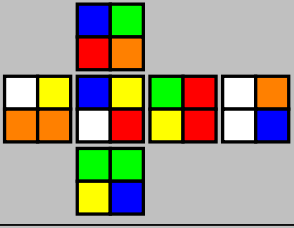
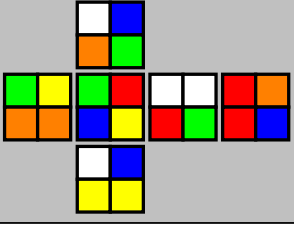
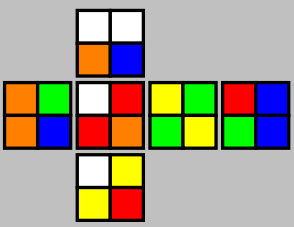
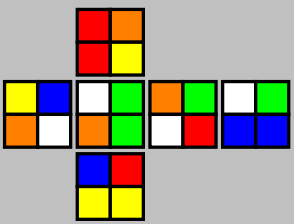


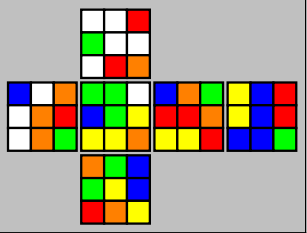
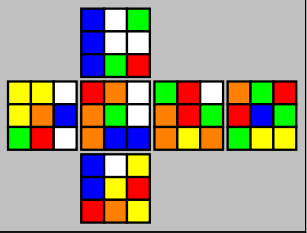
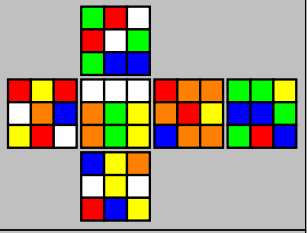
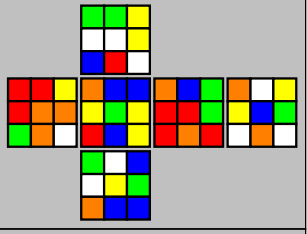
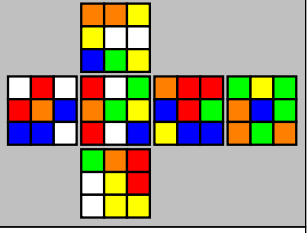
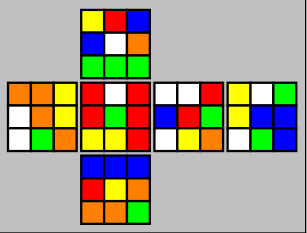
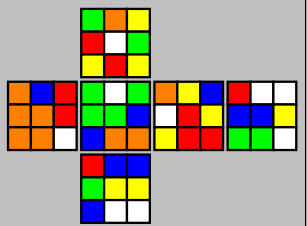
1.	$R^2 F' R^2 U' R U' R U' R^2 U' F'$	
2.	$R' F' R F R U' R' F U' R U$	
3.	$U' R U' F' U' R' U' R' F^2 U F$	
4.	$R U R F' R' U^2 R' U^2 F^2 R U'$	
5.	$U R U' R^2 U' F' R U' F' U^2 F$	
Extra scrambles		
E1.	$U R F' U' R' U R' U' R U' R$	
E2.	$U' R F U R U^2 R^2 U^2 F U' R$	

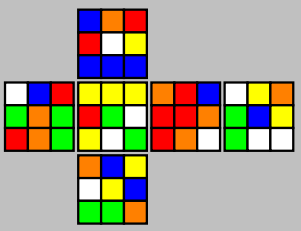
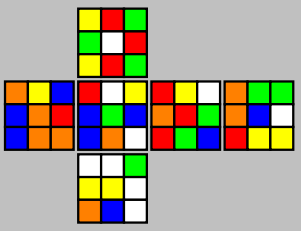
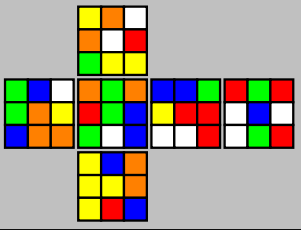
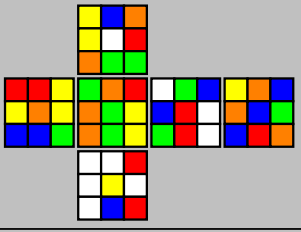
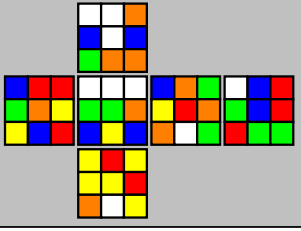
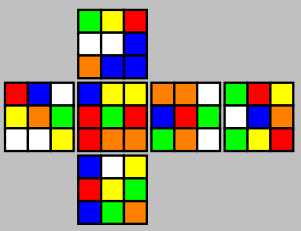
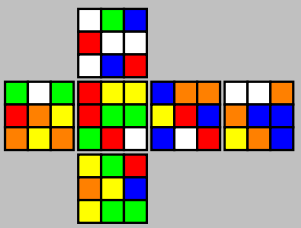
1.	$R' U F U' F R' U' F' R^2 F' R'$	
2.	$R' U' R^2 U R' U' F^2 U' R^2 U^2 F'$	
3.	$R U^2 R U^2 F' U' R' U' R U^2 R$	
4.	$R^2 U R U R' F U' R U^2 R F'$	
5.	$U' R' U' F^2 R^2 U^2 R' U^2 R U' R$	
Extra scrambles		
E1.	$U R' F U^2 R U' R F' R F' R'$	
E2.	$R' U' R^2 U' R' U F^2 U' R U^2 R'$	

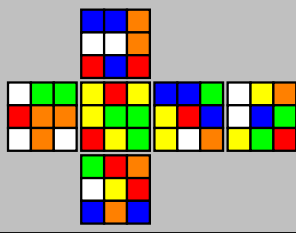
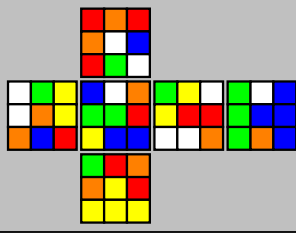
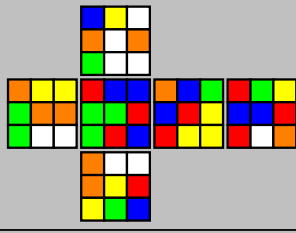
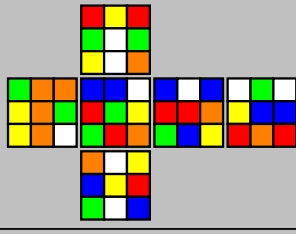
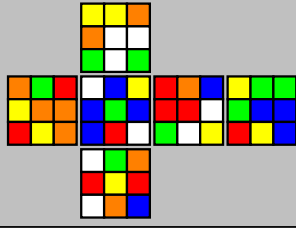
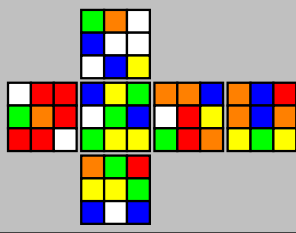
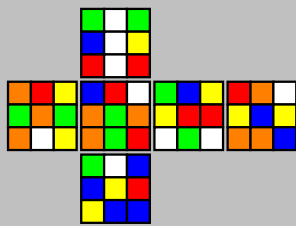
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2.	$U^2 F' R U R' U' F' U' R U^2 R$	
3.	$U' R' U^2 R' F R U' R U^2 R^2 F'$	
4.	$U R F' R' U R' U' F' U^2 F^2 R$	
5.	$U R' U F' R U^2 R' U^2 F U' F$	
Extra scrambles		
E1.	$R' U R' U^2 R^2 U' R^2 F R F' R$	
E2.	$R U^2 R' U' R' U' F' U' F U' R$	

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

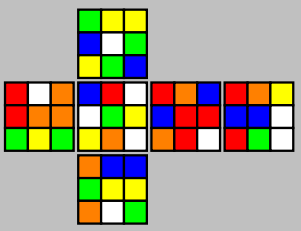
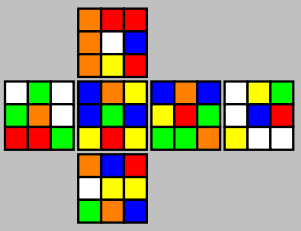
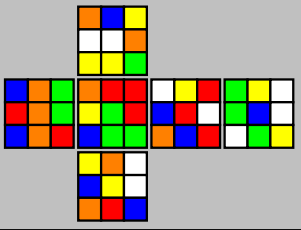
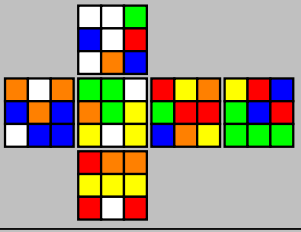
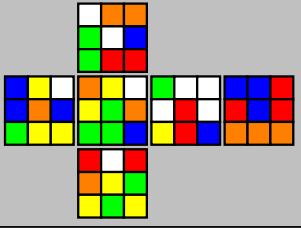
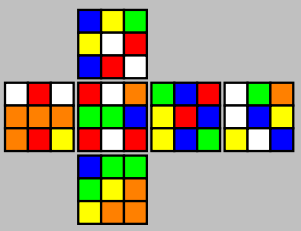
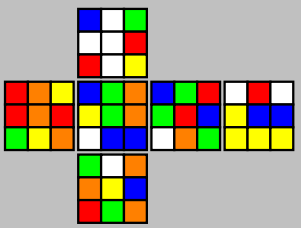
1.	$U^2 R' U^2 R' U^2 F U' F U' R^2 U^2$	
2.	$R^2 U' F' U^2 F U^2 R^2 U' R' U^2 R'$	
3.	$R' F' U' R U' R' U' F U^2 F U^2$	
4.	$U R' F^2 U^2 R U' R U' F' R^2 U'$	
5.	$R^2 F' R U' R' F R' F U' R' U^2$	
Extra scrambles		
E1.	$R' F U F' R^2 U' R^2 U' R^2 F R$	
E2.	$U R' U^2 F' R^2 F' R' U R' F^2 R$	

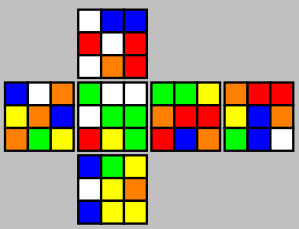
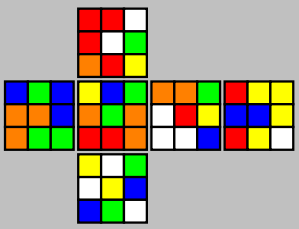
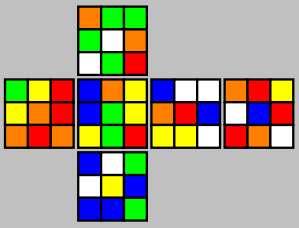
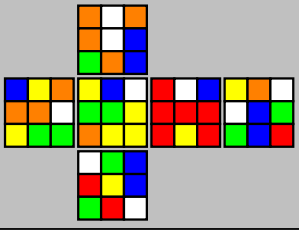
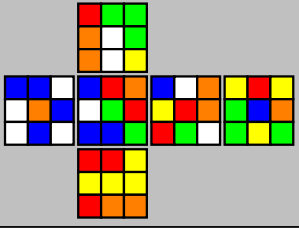
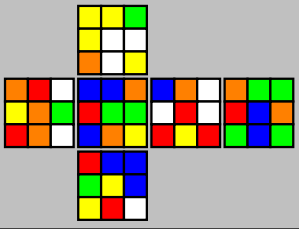
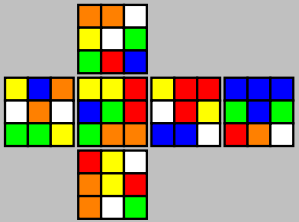
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2.	D2 R2 F L2 U2 F L2 B L D' R2 F2 D U' B' L' D2 B2 L'	
3.	F2 U' D2 L' U2 R U' F' B2 D' R2 B' L2 D2 L2 F R2 F2 R2 L2	
4.	L2 F' R2 B2 F' D2 L2 F' D2 F' R F2 D' R' D U R U' R'	
5.	L' D' B2 D B' U2 D2 L U' L' F R2 U2 F2 R2 F' R2 L2 F	
Extra scrambles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

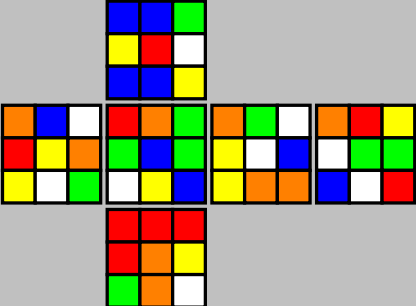
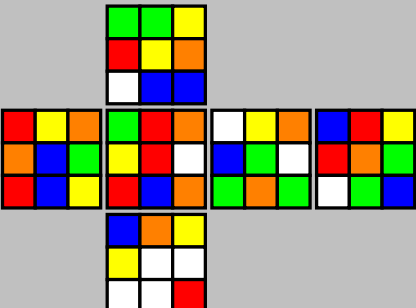
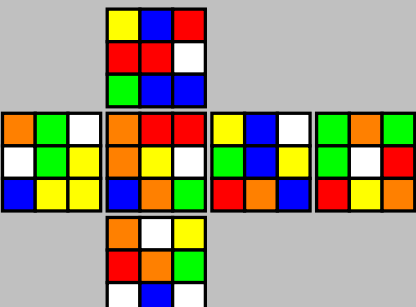
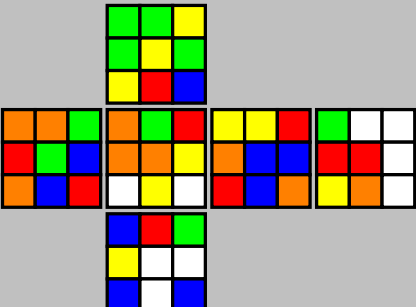
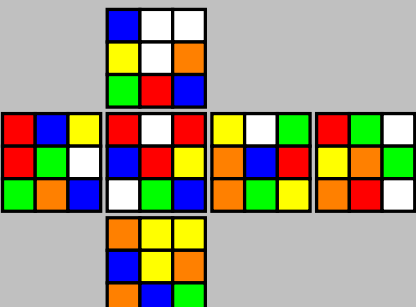
1.	R2 F U2 F' R2 B2 L2 U2 F R' B2 R D' L' R' B2 R2 U B	
2.	L2 B2 R U2 R' F2 D2 R U2 L B D F' R F' L2 U2 L' B D	
3.	B' U' D' F U2 F2 R2 U2 R' D L U2 L' B2 R2 L F2 B2 R D2	
4.	D2 R' D2 L' D2 L2 F2 R' U2 R' B L2 U2 B2 F' D F U' R U2	
5.	L2 D2 U' L2 R2 U' L2 F2 U2 F2 U B' D' L R2 B2 L2 B U2 L' D2	
Extra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

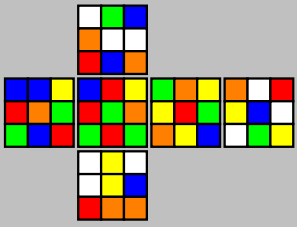
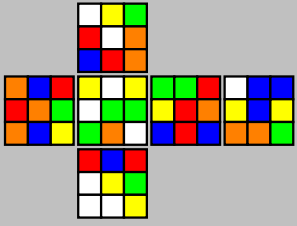
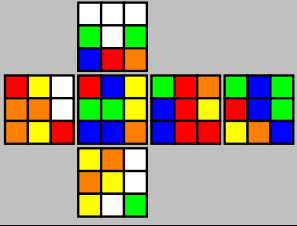
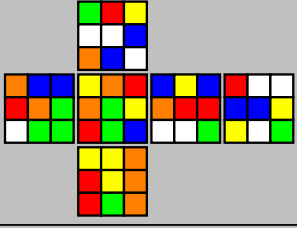
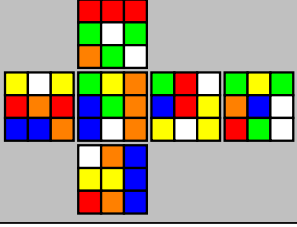
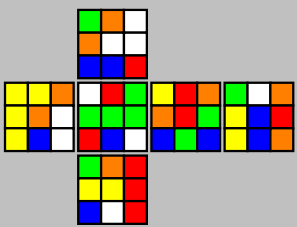
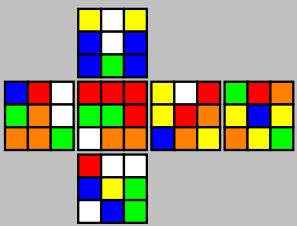
1.	F L2 B2 F' R2 F' U2 F D L F' D U2 B F L B D' U	
2.	B2 L' F2 D2 R2 B2 U2 R' F2 R F L B2 D' B R2 U B2 F' R'	
3.	B2 D L F' L' B U' L2 D' R' U' R2 L2 F2 U B2 U F2 D	
4.	F2 L2 U' L2 B2 D2 F2 D' R2 B2 U' B D2 R' B2 U2 R' D' B2 L'	
5.	F' U R F2 R' B' L' B U' F L' U2 R' D2 B2 R' L2 B2 L2 B2	
Extra scrambles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

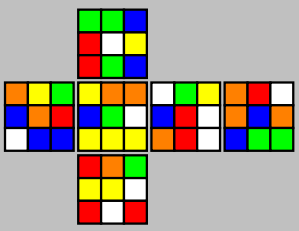
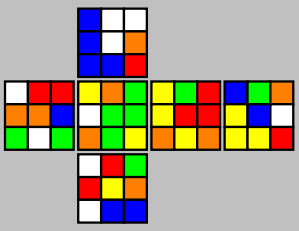
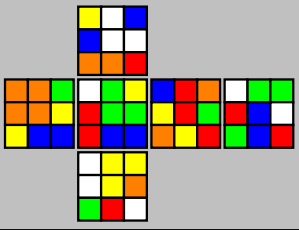
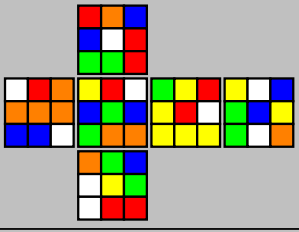
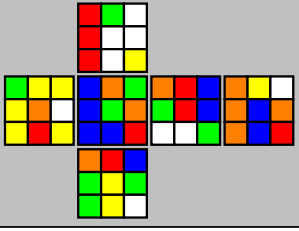
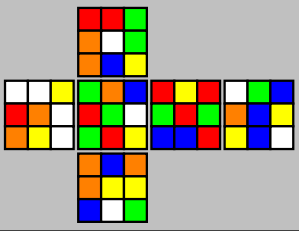
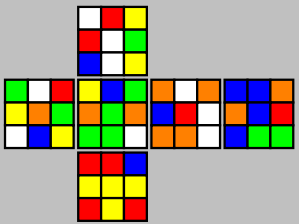


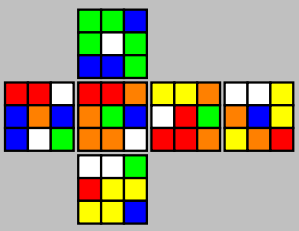
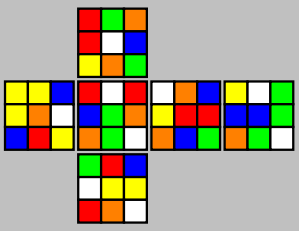
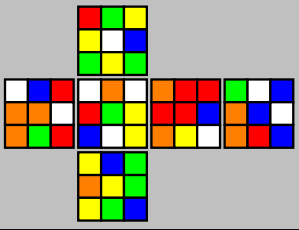
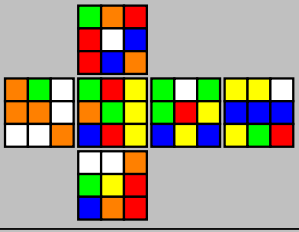
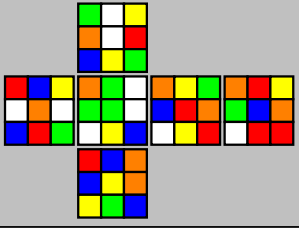
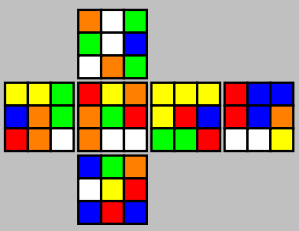
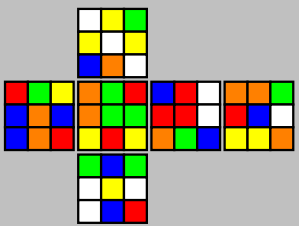
1.	B U2 B' D2 F U2 B2 D2 F' R D' F' L2 F U2 R' B U2 B L'	
2.	D' R2 U2 B2 L2 F2 U2 B2 D' F2 L B' U R' B2 U' F2 D' R2 B'	
3.	D2 F' L2 B' R2 U2 F R2 D2 F L' D' F2 L' R B' L2 U B' R'	
4.	F' L2 R2 F' D2 R2 B' L2 B R' B U' L B2 D F2 D2 R B2 F'	
5.	F2 R' B2 U2 B2 F2 R D2 R' F U' B' L R' F' L2 R D F R2	
Extra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

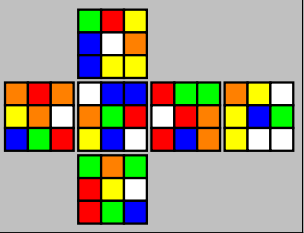
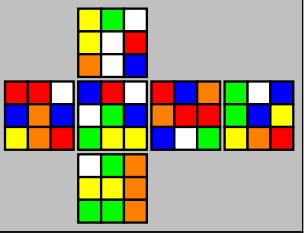
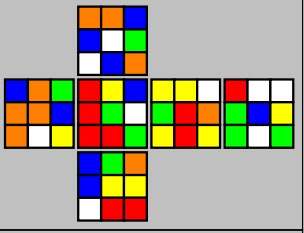
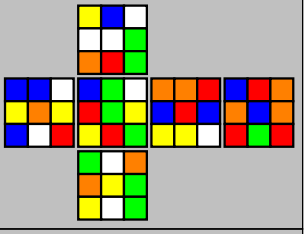
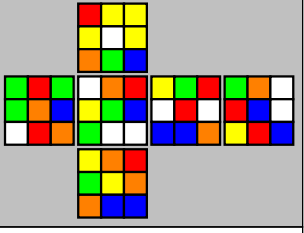
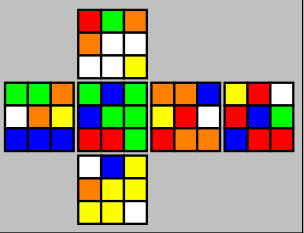
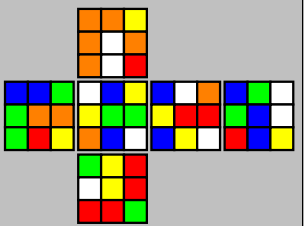
1.	R' F2 R' F2 R D2 B2 R D2 L R B D' F L' R2 B' D R2 B'	
2.	U2 F2 D' R2 U B2 D B2 R2 D2 B L D L' U2 L' D2 R B' L	
3.	F2 L' B2 D2 F2 L' F2 L' D2 F R' D' F2 U2 L F R' U'	
4.	R2 B' U2 R2 D R' F R2 D2 L' F R2 B2 R2 L2 B' L2 F2 D2 F2	
5.	U2 B2 F L2 B' U2 B2 D2 B' F2 D' F2 D R B2 U R' D B F' U'	
Extra scrambles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

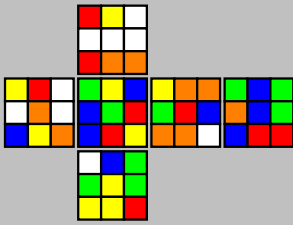
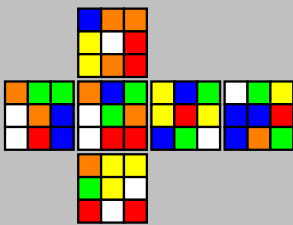
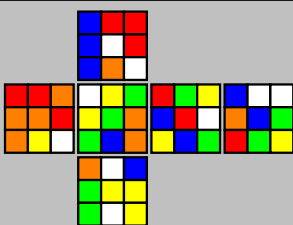
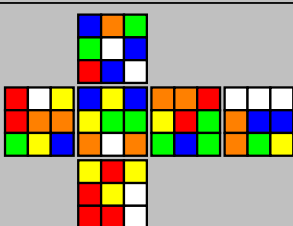
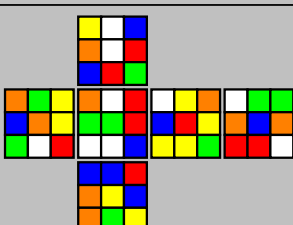
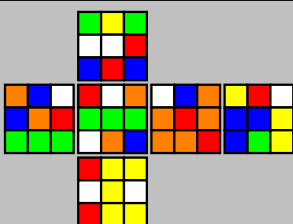
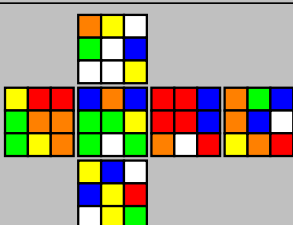
1.	<p>F' D2 F' D2 F' D2                      B2 R2 D2 L2 R F2                      L B L2 F' L' U'                      L2 R' Fw' Uw2</p>	
2.	<p>R2 F2 L2 F' R2 D2                      U2 B' D2 L2 U2 R                      B2 F' L D B2 D                      U2 B2 F' Rw2 Uw</p>	
3.	<p>R2 U2 L2 U2 F' R2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

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

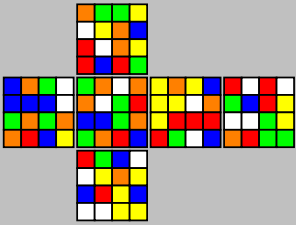
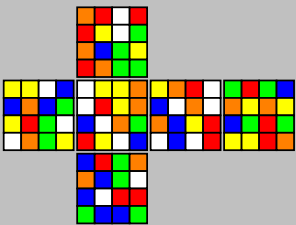
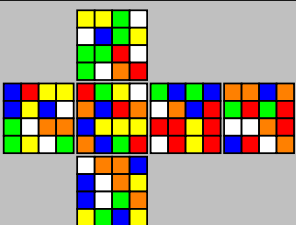
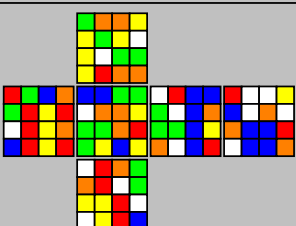
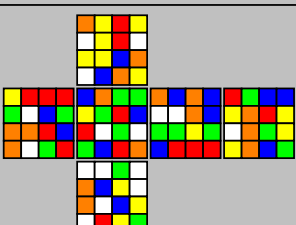
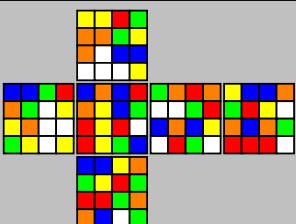
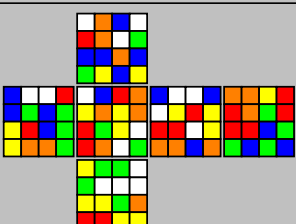
1.	L2 U2 F2 U2 R D2 L' D2 R2 D' L' F2 L U2 B D2 U'	
2.	B2 D U' F2 R2 D2 L2 D' R D L F L' B D2 U L' R' B'	
3.	L B2 F2 L B2 D2 U2 R2 U2 B2 D F U L' B' L' D' L2 U'	
4.	D2 R2 L U2 R' D2 L F L F' B U R2 B2 D2 R2 D' R2 L2	
5.	L2 F2 R2 F2 U2 F2 U' F2 R2 D R' U2 B D' R' F' L2 U' R2	
Extra scrambles		
E1.	B2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

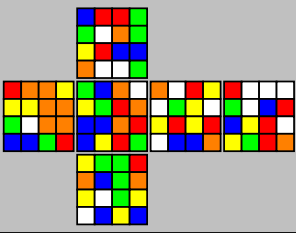
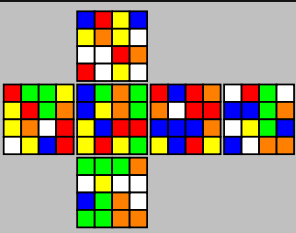
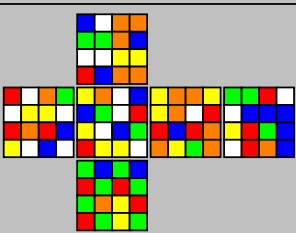
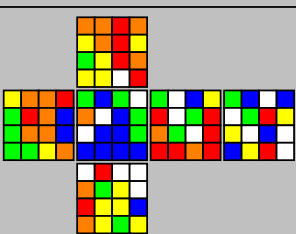
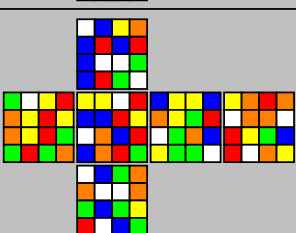
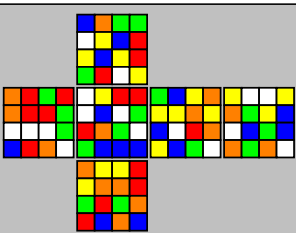
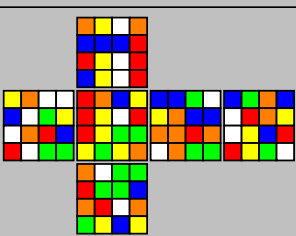
1.	R F2 R' B2 L' U2 B2 L2 U L' B R B' U' F' R D' U' R	
2.	U R2 D2 F2 U B2 D F R D2 B D2 U2 L B R2 B2 L'	
3.	L2 B2 D2 L2 F2 L' U2 L B2 D R2 U F' L' F2 D U F L R'	
4.	B' U' R' D2 F U L D B' L U F2 U2 R2 D' L2 U' F2 U' L2	
5.	R D2 B2 U' F' B2 L2 U R F' U' R2 U' F2 U' F2 U2 L2 U' L2	
Extra scrambles		
E1.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

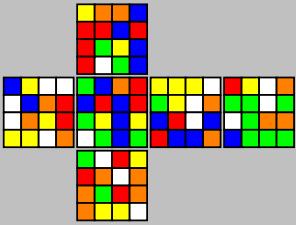
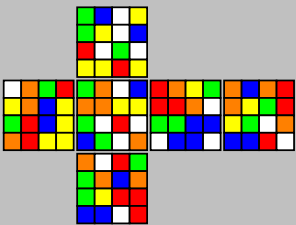
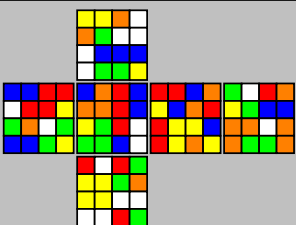
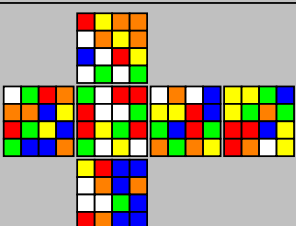
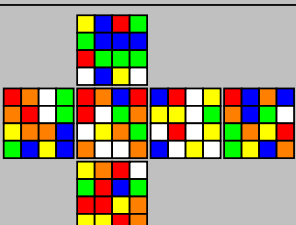
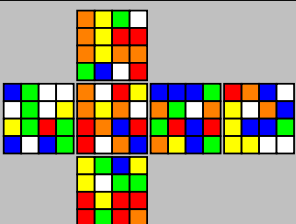
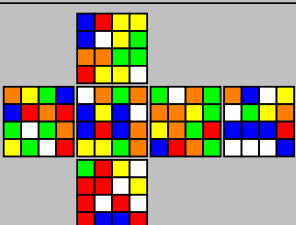
1.	F2 U' L2 D L2 U2 R2 U L2 B2 U2 B' R D R U' R' F' U2	
2.	F' L2 D2 B' D2 B' D2 R2 F2 D2 L2 D F2 D' R F2 U' L' B' D' B2	
3.	U2 R2 F' R' L U L2 F2 U2 B' L' D' B2 U' B2 R2 D B2 U' R2	
4.	F2 D F2 L2 D2 U' L2 U' F2 R2 B F R B R B2 L2 D R' B	
5.	R U2 R' D2 R' B2 L F2 U R D' F2 D F D R' F2 L	
Extra scrambles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

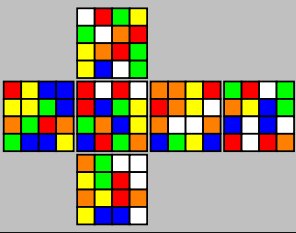
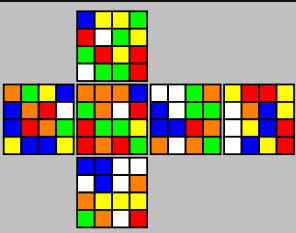
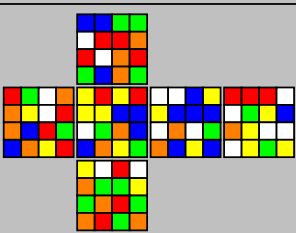
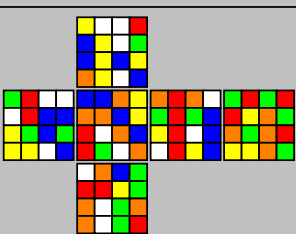
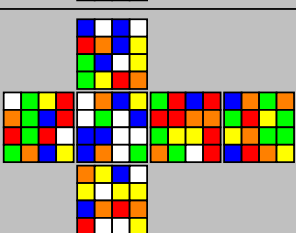
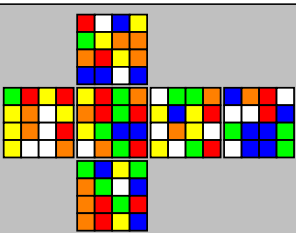
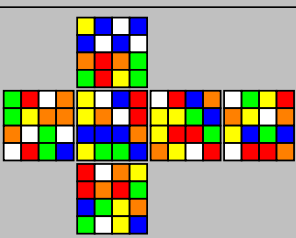
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2.	<p>D2 U2 L2 B' L2 D' B2 U R U2                      R B F' D' B L2</p>	
3.	<p>F B2 L F2 R L2 D R2 D L2                      U' D2 L2 D2 B' D2 F D2 B2</p>	
4.	<p>B2 L' R' F2 D2 R F2 R2 U' B                      R' F2 L D2 B F2 L2 U2 F'</p>	
5.	<p>L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

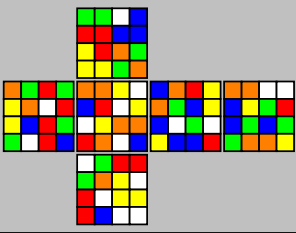
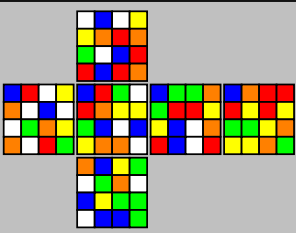
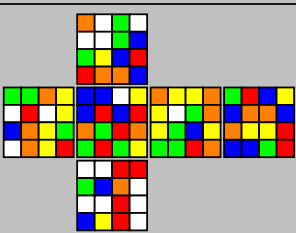
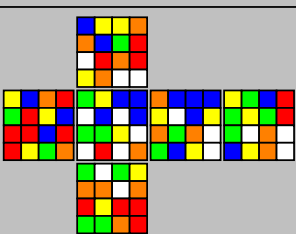
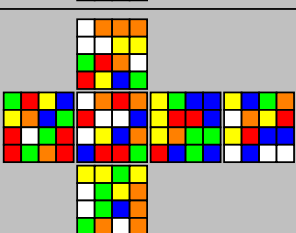
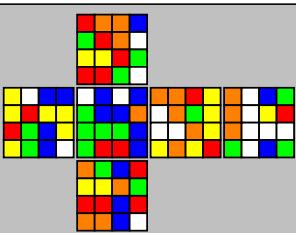
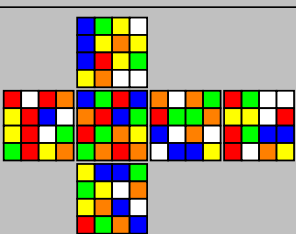


1.	<p>B' L2 U2 B2 F2 R2 U2 D2 B' D2                      L D' B2 R2 L2 U' F U' F U                      Rw2 Uw2 U' Fw2 R' U2 B2 R2 D2 R'                      Uw2 Rw2 Fw' L2 Fw B' L F2 Rw U                      Fw F' Rw Uw2 D'</p>	
2.	<p>U2 F' D2 B U2 B U2 R2 B2 R'                      U2 F U2 B2 D R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

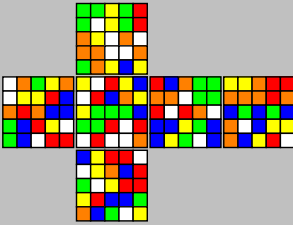
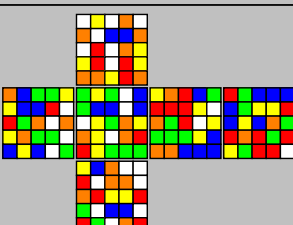
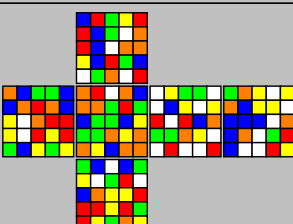
1.	<p>F2 D2 U B2 L' U2 B2 U' F D'                      L2 F2 D B2 D' L2 U2 B2 D U2                      Fw2 Rw2 F' L Fw2 U2 B L' R2 Fw2                      Uw2 B Uw' R B2 L D2 R Fw U'                      Fw2 Rw' F2 R' L2</p>	
2.	<p>U2 L' F2 R U2 R' D2 F2 R2 F2                      D' F2 D B2 F' U2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

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

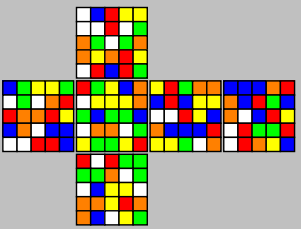
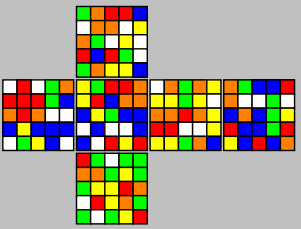
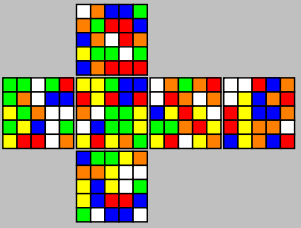
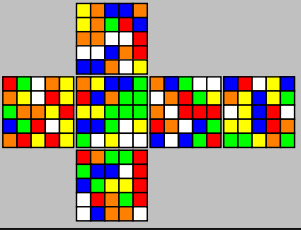
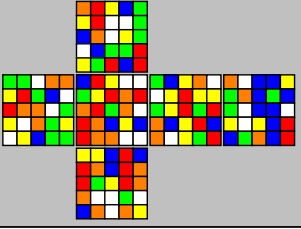
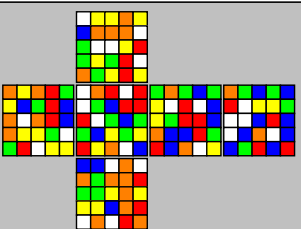
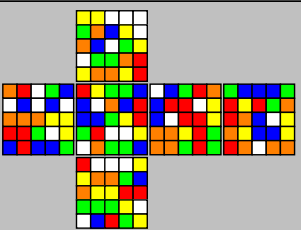
1.	U2 R2 U F2 D' B2 R2 U L2 R2 B' D B' R B R D2 F' R Rw2 B Uw2 D2 Fw2 Rw2 U Rw2 L2 D F U Rw' F' Uw2 R' F2 R U2 Uw B' Rw Fw' L' B	
2.	L D2 U2 F2 R' F2 L' B2 U2 F2 B' U F2 L' R2 D R' U F' D Uw2 B' L' Uw2 Fw2 D2 B Rw2 Fw2 F L' Uw' R L F U2 R Fw' Rw' Fw' B' D2 R2 F	
3.	D2 B D2 B D2 B' L2 D2 F2 R' F2 U' L'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

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

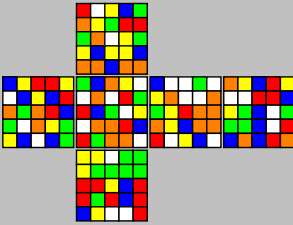
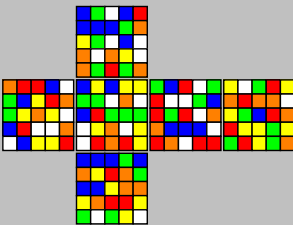
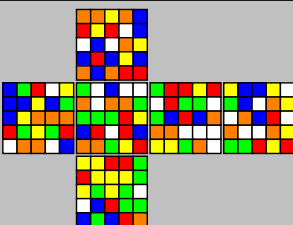
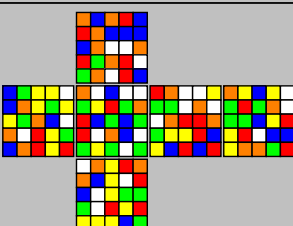
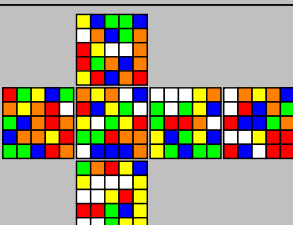
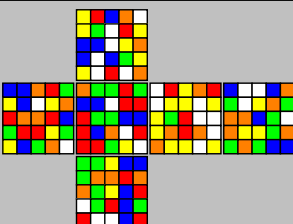
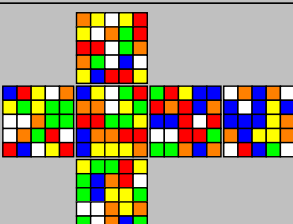
5x5x5 Cube Round 1 Scramble Set A  
Scrambles for Bartebyen 2018

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

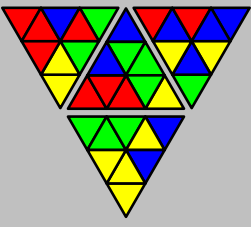
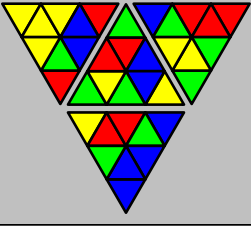
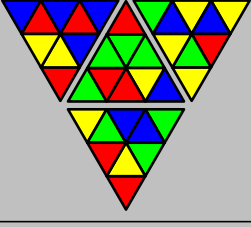
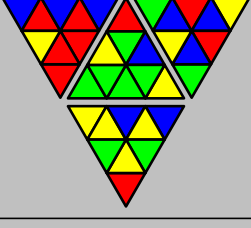
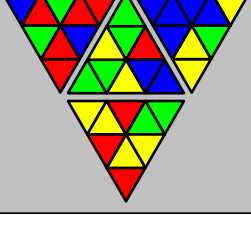
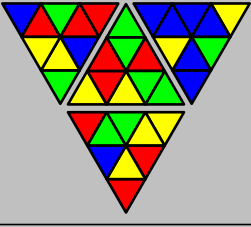
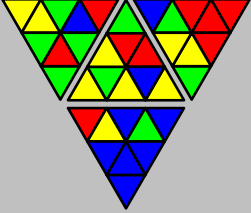
5x5x5 Cube Round 1 Scramble Set B  
Scrambles for Bartebyen 2018

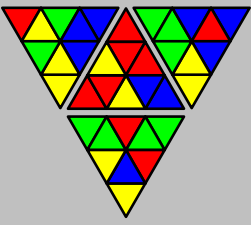
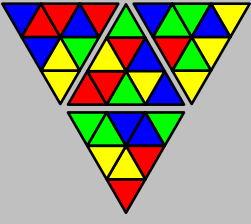
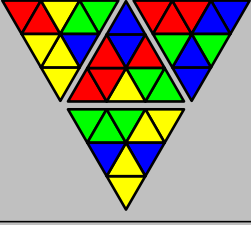
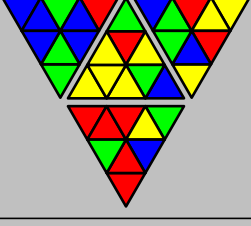
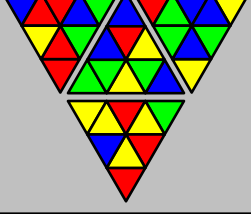
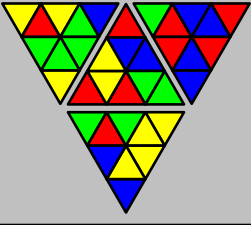
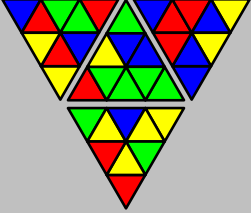
1.	<p>B' R Lw' Bw U2 Lw2 U Dw' Lw' Bw2 R' Dw2                      Fw B' Bw' R U Dw' Fw2 Lw D2 Uw2 Fw Bw'                      Uw2 D' Dw' U' Lw2 Bw2 Dw Uw' D B' D' Uw                      Bw' F2 U2 F Uw Rw2 F2 Uw Dw2 Bw D2 F                      U2 Fw Dw D2 L Fw R' D' B' Bw Uw2 R</p>	
2.	<p>U Dw' B2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

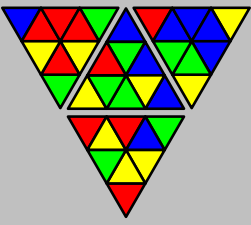
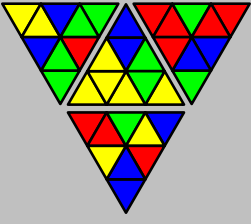
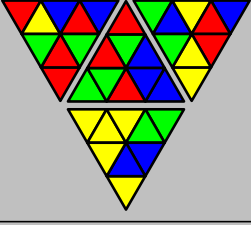
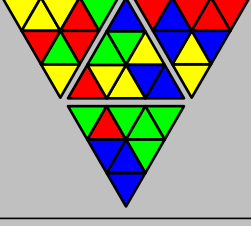
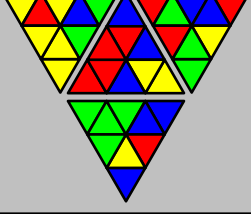
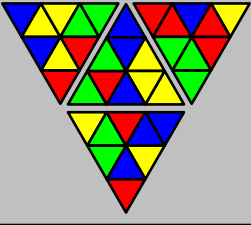
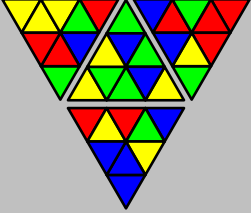
5x5x5 Cube Round 2 Scramble Set A  
Scrambles for Bartebyen 2018

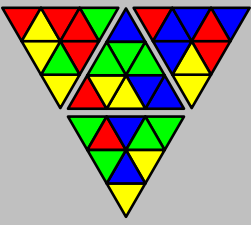
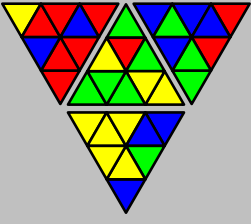
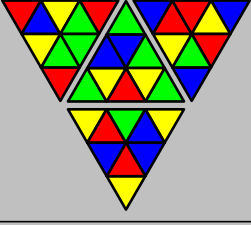
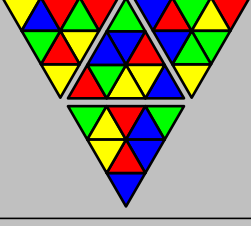
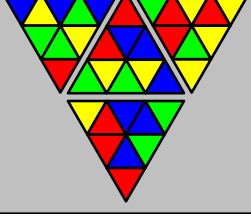
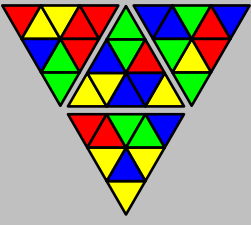
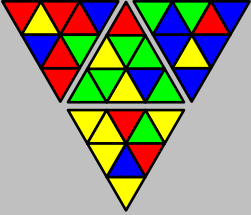
1.	<p>L' Fw' Dw' Uw' D L2 U Uw L Uw' L Lw'  D' Rw' Dw2 U2 L2 Uw2 Bw2 U2 D2 L2 F L  R2 Lw B L2 Rw2 R D F2 Fw' R Bw2 Lw2  Bw U' Lw' Bw Lw2 D Rw' U2 R' D' F2 U2  Bw2 F2 Fw Rw' Fw L' B' Uw2 Fw' Uw B' Uw</p>	
2.	<p>Rw Bw2 U2 Uw Rw' Uw2 Bw L' B Bw2 F' R  Rw D' R2 Bw2 Rw2 D2 L2 Rw B2 Dw' Lw2 L'  Uw' L2 U Dw'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

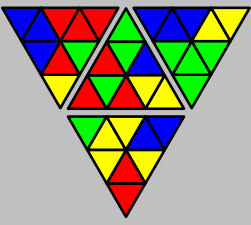
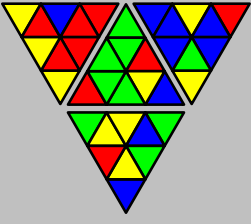
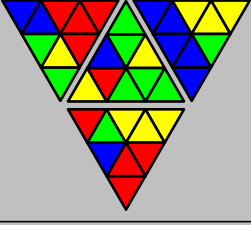
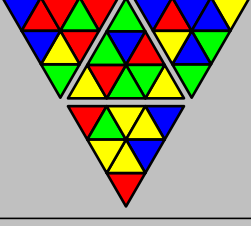
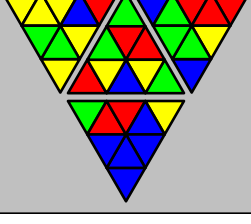
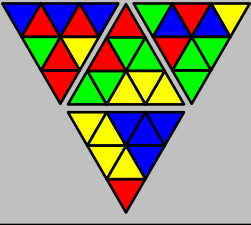
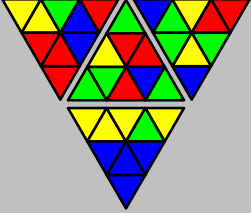





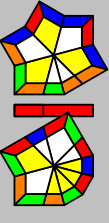
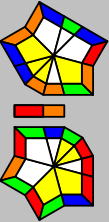

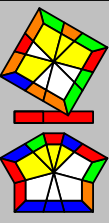
1.	L B R' U' B L' B' L R B' U u r	
2.	B U L U B L R' B R B' R' u l r'	
3.	B R' U R' B U L' B' L' U B' u' l' r b	
4.	L' R' L' U R' U B' L' B R' U u' r b	
5.	L' R U' L' R B L' B U' B U' b	
Extra scrambles		
E1.	U B U' L' U R L' U R' U B' l b	
E2.	L' U L U R L' R L U B' U' u l' r'	


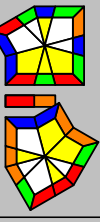


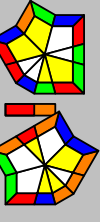
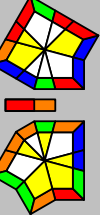
1.	R U' B U' B' R' B' U R L R b	
2.	U' R' L' R B' L R' L B' R' B' u r b	
3.	B U' R L R L U B' R L' U	
4.	B' R B' L U L' R' U' L U' L u r'	
5.	B' U B L' R' L' B U B' L' R u' r' b	
Extra scrambles		
E1.	B' L' R B L' R' L' U' L U' L u l' b'	
E2.	L' R U B U' L R U' B' R U' u' l b	

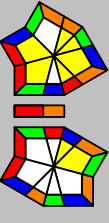

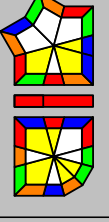
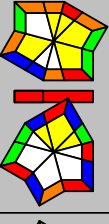
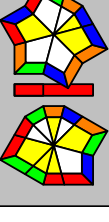
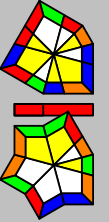
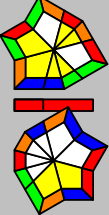
1.	$B' U' R' B' L U' L B' R' L U' u \mathbb{1}' r b$	
2.	$U' B' R' U B' U' L R L U' B r$	
3.	$L R L B' U' B' L U' B R U' u' b$	
4.	$R' L R' L U L R U' B L' B u \mathbb{1}'$	
5.	$L B U B' U' R' U L R' L' U u' b'$	
Extra scrambles		
E1.	$B' L' R L' B' L B R' L' U R \mathbb{1}' b'$	
E2.	$B' U B R' L' R' U L R B' U' u' \mathbb{1}' r'$	

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

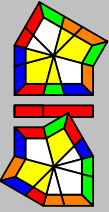
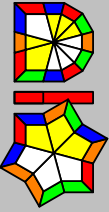

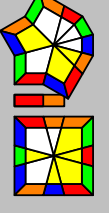
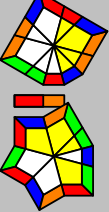

1.	L' U B' R U L B U R B R' l	
2.	B' U' B' U' B' L' B R L U' B' l r b'	
3.	U' L B' R B' U L' U' R' U L l	
4.	B' R L B' R' U' L' B L U' B u' l r b	
5.	U R' L R' U B' U' B' L B U u l' r'	
Extra scrambles		
E1.	L' U' B' L U' R' L' R' L B U' u' b	
E2.	L U R' B U B R U L' U' R' u r	

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

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

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



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