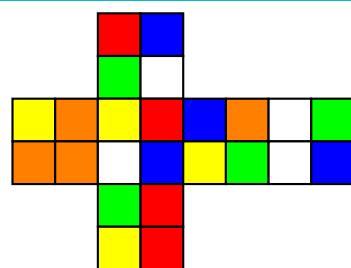
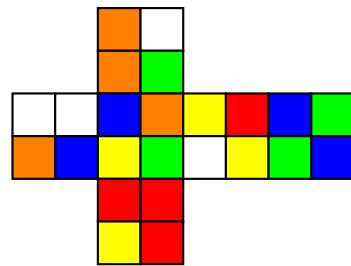


**2x2 Cube****Benchmark****Round 2x2x2**

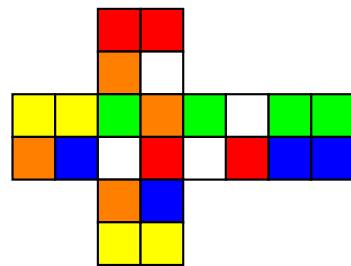
1. **R U F' U2 F' R U' F2 U'**



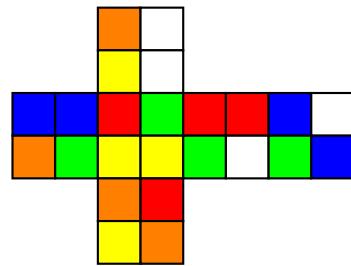
2. **F U F2 U F2 R U F R2**



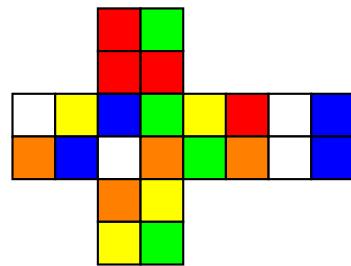
3. **R' U R' F' R2 F' U2**



4. **R2 F2 R' U F R2 U' R U2**



5. **U' F' R F' U2 R F2 U' R**



Scrambles generated at:

Sun Nov 27 2011 15:07:50 GMT-0800 (PST)

2x2 Cube Scrambler Version

November 23, 2011



Rubik's Cube	Benchmark	Round 3x3x3
1.	L2 U2 L2 U2 F2 D L2 U' R2 D B2 L2 U' F2 U R' B U2 F U' F U' D B	
2.	F2 U B2 U F2 D F2 U F2 R2 D2 L2 B' R' F' D2 R' F2 L2 B D'	
3.	U' L2 U' R2 U' B2 U R2 U' F2 L2 D' F2 U B' D2 F2 L' F' U2 B2 U' D'	
4.	D' R2 D R2 L2 F2 U' L2 U' L2 B2 L2 B2 R2 L' F' B U2 L' F2 B' U2	
5.	D L2 F2 U' B2 D2 L2 U R2 D F2 U' B2 R2 U2 F' U2 R B D' R2 L B2 U F'	

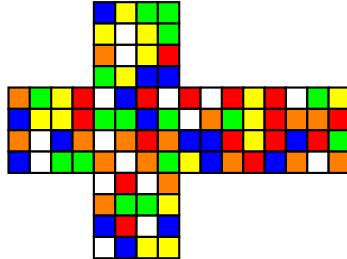
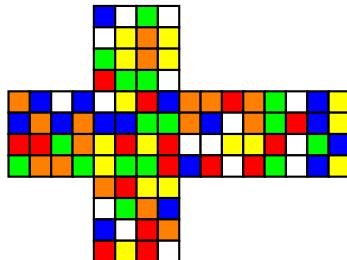
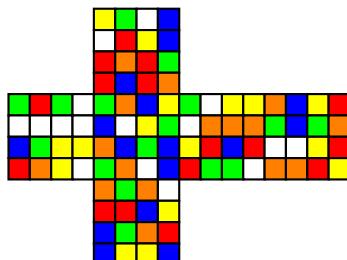
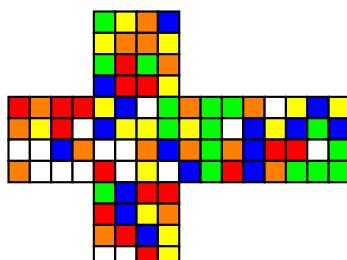
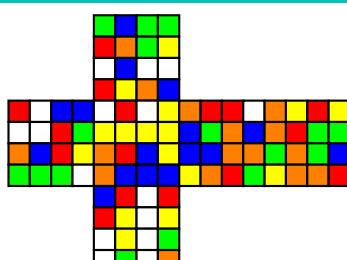
Scrambles generated at:

Sun Nov 27 2011 15:07:50 GMT-0800  
(PST)

Rubik's Cube Scrambler Version

November 22, 2011



	<b>4x4 Cube</b>	<b>Benchmark</b>	<b>Round 4x4x4</b>
1.	<b>B2 R w2 F L' R' B2 F' R w R' U w' F w' R w' D' U' R w U' L' R w' F D B U2 F2 L' F w2 F2 U2 F' D U w2 R2 F w' F2 R D U F w' R w2 F' U2</b>		
2.	<b>D' B' F w2 U B F w2 F R D' U2 L' U F w D U w2 L R' F2 R w' B R w2 F R w2 U2 B' L' D2 U w R' U w' F w' R w2 D2 F w U w' L' R2 F w' F' R2</b>		
3.	<b>F' R U' L2 R w B' F2 L F w R w B' L2 U R w2 U w2 U' R U2 F w U w L F w F' R' B2 R w' B R w2 B D2 R w' F' D' L U' R w' F' L R w' R2</b>		
4.	<b>U2 F' U R w B2 U2 F2 U w' R w' U w' U2 F w' L2 U w L' U w' U' R2 F2 D' R w2 F w' R w' U w' R D2 F U w U R w2 R U w' R w' D2 U w R w2 R2 F w2 R w'</b>		
5.	<b>R2 B2 U w' U2 B' L2 U w2 R w2 B U w2 R w2 D L2 B F' R' D' F w U w B2 U R w2 U w2 R w2 F w R2 B' F U w2 F w' L' U R w2 U' B' U2 R B2 F2 R</b>		

Scrambles generated at:

Sun Nov 27 2011 15:08:00 GMT-0800 (PST)

4x4 Cube Scrambler Version

November 24, 2011



	<b>5x5 Cube</b>	<b>Benchmark</b>	<b>Round 5x5x5</b>
<b>1.</b>	B' Fw' F U' L2 Lw2 Fw2 Uw L B2 Bw D2 Dw2 Fw Dw B2 Fw Uw' U2 Lw Rw R' Dw Bw U2 B2 Bw Fw' Dw' Bw' Uw2 R' Bw' F2 U Lw R2 B F2 Uw' U Lw' Bw' F' D Rw' U2 Lw B2 L' R Dw' Rw2 Fw' F Uw2 Lw' B Uw2 U2		
<b>2.</b>	U' Fw' F L F' R2 Uw L D' Uw' Rw2 R2 D2 R2 Fw' L Lw2 Dw2 U' R U' B F2 Uw2 Fw' Rw U B Bw2 Dw2 Lw' R F R F' Dw2 Lw' Rw2 Uw B' Bw2 R2 Dw2 B' Fw2 Rw D L Fw2 Lw R D' L' Rw' B Bw' Fw2 Uw' Rw Uw2		
<b>3.</b>	Uw2 F' D B Fw' L2 Rw' Uw' B2 D Dw' F' Lw2 B' Uw2 L D2 Rw Fw2 Lw U2 Lw' B Dw' U' Fw L2 B2 Rw2 Uw' Bw2 Rw2 B Fw' F R' Dw R2 D U2 Fw' Dw2 Bw' L' Lw R2 Dw' Fw F2 Dw' Uw' L F2 U B L' Lw Bw' R Fw'		
<b>4.</b>	Lw' Fw Uw' B Rw2 R2 Fw Uw' B' Bw2 Dw2 L Dw2 Uw B' U Fw L' Bw Lw' Uw' L Rw U' L2 D Lw Rw' R2 Dw2 L D' U' Lw U2 Lw' B Lw B2 Bw' Fw' Rw F' R Dw U' B2 Dw Fw2 Lw' Rw' Dw' Uw Rw D' Uw U' B' D Uw		
<b>5.</b>	L B' L2 D L2 Uw' Bw2 Fw Dw2 U' Lw B2 D2 Uw' Rw' U F Lw Bw D' Uw2 Lw R' F' Uw2 L Lw Fw U2 F' Uw' Rw' R Dw2 Lw2 U' L U Bw' Fw U R Fw2 F2 L2 F D' R' Fw Uw Fw R B D' L' Rw2 Fw L2 Rw2 B		

Scrambles generated at:

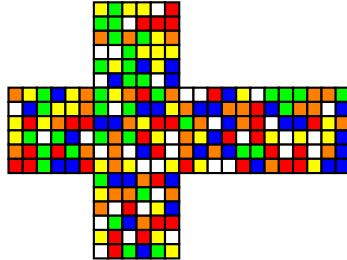
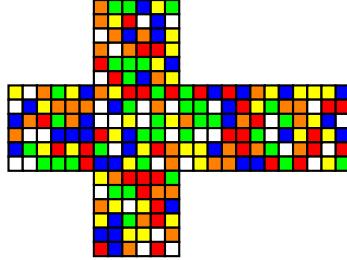
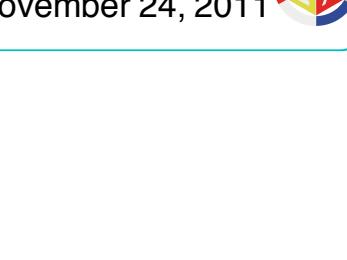
Sun Nov 27 2011 15:08:00 GMT-0800 (PST)

5x5 Cube Scrambler Version

November 24, 2011



**6x6 Cube****Benchmark****Round 6x6x6**

1.	<b>Scramble:</b> 3F 2D' 3R' 2F2 3R2 U2 2R B2 2R' R 2B' 3F U' B L' 2B' 2F' 2R B' 2B2 F2 D F 3U L2 3F D' U 2F' L 3U' 2B 2R 2U2 L 2D2 2U' R 2F' 2R R F R' 2B 3R' 2D2 3U 2U U2 B2 2B' 2D L' 2D' L 2D U2 2L' 3R' D 3F 2F' 2R2 F' 2L2 R' 3U 2U B2 D'	
2.	<b>Scramble:</b> 2R' 2D 3U' 2B2 F' 3R B 2F' F' 3R' 3F' 2F' 2L' 2F2 L 3R' 2U2 2R2 U L' 3F 2R 3F2 L' B U' 3F 2R B 2B2 3F L' 3F2 2F2 2R 2F 2U2 F2 2L R' 3F2 2D2 2L R' D U2 B 2B R2 D 2D 3U2 2U' U 2L' 2F 2U' L' 2L2 2R R2 2D 2U B' D 3U' F2 3R' 2U 3R'	
3.	<b>Scramble:</b> R' D' L 3F 2D 3F 3R2 R' D' 2F2 2R2 3F 3U' 3F' 2F' F2 U' R' 2U2 R2 F' 3U 3F D2 L' 2R 3F D2 2D U2 3F 3R D 3R2 2F 3U U2 2B 2F2 3U2 3F' 2F 2R2 2B' F' L 2B' 2F2 3U B' 2B2 3U R 2F' U 2B L 2B2 2D' 2R2 2D B 3F2 L R' 3F2 3U' B' 2B2 3F2	

Scrambles generated at:

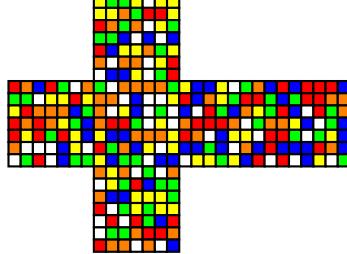
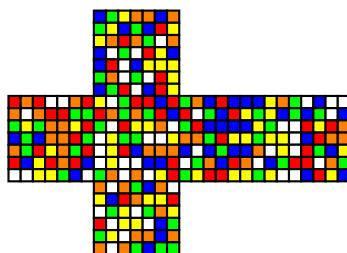
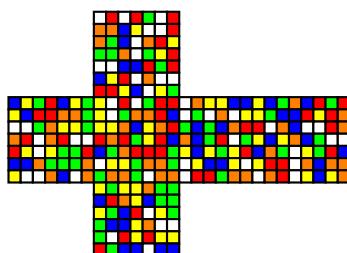
Sun Nov 27 2011 15:08:00 GMT-0800 (PST)

6x6 Cube Scrambler Version

November 24, 2011



**7x7 Cube****Benchmark****Round 7x7x7**

1.	2D2 U' B 3D' 3B2 D 2D F' 3D' 3U' U 2L 2F2 3L 3U2 2F2 2R 3D' B2 3L2 3D U' 3R' R2 2U 3B' 3F2 3L 3U B2 F2 2L 2R2 2F D' 2L' 2D 2L2 3L2 U2 R 2B' 2L' B' L 3B' L2 2L 3F2 L' R 2D 2R 3U' U' 2L R 2B F' 2L 2F2 3L' F 2R2 U2 2F2 3D2 2U 2R2 R' 2B' 3B2 3F2 2D' 2L' D 2B 2L2 2D 3F' 2L' 3B2 R 2D' 3R' 3D' 3U' U' F2 2L' 2U2 2L2 2R 3F 2L' 3L' 3D' 2B' D2 3L'	
2.	3R' R2 B D' U2 L2 2F' 2U' 2F' D' 2D' 2F D2 F' 3D' 3B' F' 3L D' 2D' B U 3B2 2F 3R2 3B2 F U 2F2 U2 3B 3L' 2U2 3R B F' R' B2 2B' L' 2L' 3L' 3R2 B 2D 2F2 3U2 2B2 L2 2F D' 3U' 2U 3F 2F' D 3U 2R2 B' 2B 3F' 2F' 2D2 2L2 3L 3D' 3F F 3L' 2D' F U' L U2 3L2 2R2 2F 3D F 3D L R' 2U' 3F' 3R' D 2B' 3U' R 2F' U 3L2 U2 3B2 2R' R2 D B2 2R 3F	
3.	2D 2F 2L F' 3D2 3F2 D2 2D' 3D 2F2 3L D2 3B 2L' 3F2 2F' 3R' R' 2B2 3U' 2B 2L' 3L' 3R2 2R' F 3L2 B' 2B' 2L' 3B U2 3F F U' L 2D 3F2 2U' 2R F' 2L' 2B 2F2 F2 2U' U2 B 2D 3B 2R' B2 2U B2 L2 3L' 2R' 3F' R B2 L 3F2 F D 3D2 B R2 2B' 3U2 R U2 L2 3R2 3D' 3L D' 3D 3U' 2L' D U2 F 2R2 2B' L 2B2 3F U' 2B 3B2 3F L2 3L' R' B2 F' 3R' 2B' F D	

Scrambles generated at:

Sun Nov 27 2011 15:08:00 GMT-0800 (PST)

7x7 Cube Scrambler Version

November 24, 2011



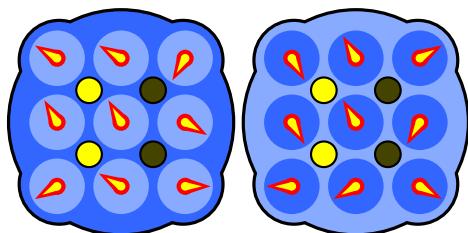
# Rubik's Clock

# Benchmark

# Round Clock

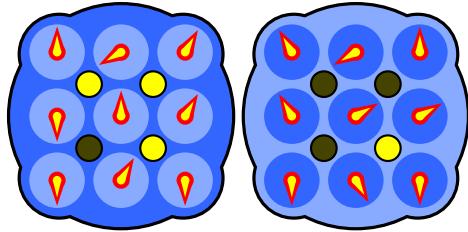
**1.**

UU U	dU	dd U	ud U5'	dU U5	ud U3
dd	dU d6	UU d3'	ud d4'	UU	UU
UU U2'	UU U2'	UU U2'	dd d2	ud	
ud	dU	UU	dd	ud	



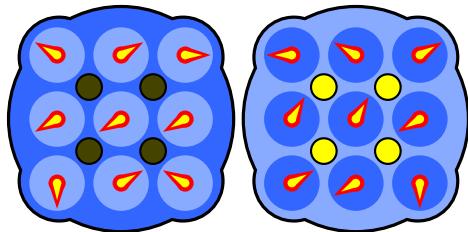
**2.**

UU U'	dU U6	dd U4	ud U'	dU U6	ud U3
dd d6	dU d3'	UU d3	ud	UU	UU
UU U6	UU U4'	UU U5	dd d4	UU	
ud	dU	UU	dd	dU	



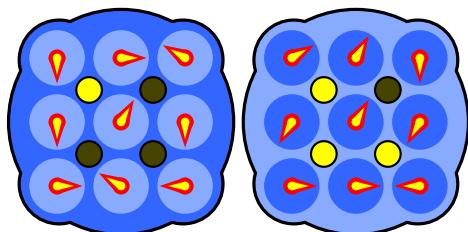
**3.**

UU U6	dU	dd U6	ud	dU U'	ud U
dd d3	dU	UU d5	ud d5	UU	UU
UU U4'	UU U5	UU U5'	dd	dd	
ud	dU	UU	dd	dd	



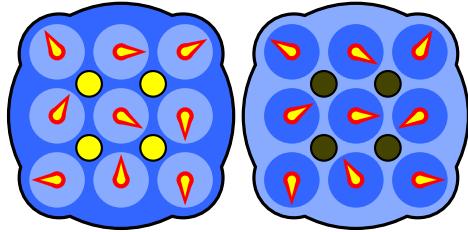
**4.**

UU U3	dU U5'	dd U2'	ud U5'	dU U5'	ud U3
dd	dU d6	UU d2	ud d6	UU	UU
UU U3'	UU U3	UU	dd d3	ud	
ud	dU	UU	dd	dd	



**5.**

UU U4	dU U3	dd U	ud U2'	dU U4	ud
dd d	dU d'	UU d4	ud d5	UU	UU
UU U2'	UU U4'	UU	dd d4	UU	
ud	dU	UU	dd	UU	



Scrambles generated at:

Sun Nov 27 2011 15:08:00 GMT-0800  
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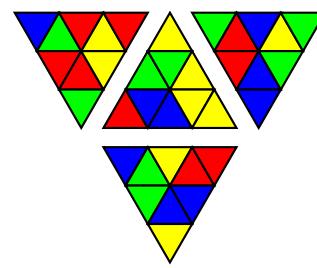
Rubik's Clock Scrambler

Version 

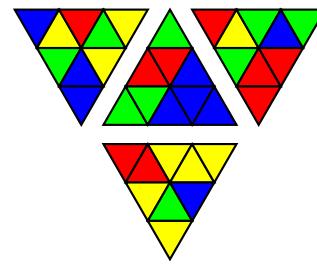
November 24, 2011

**Pyraminx****Benchmark****Round Pyraminx**

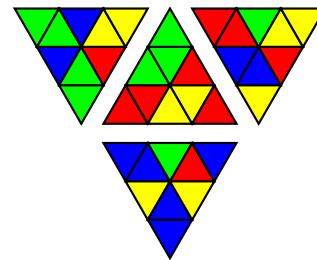
1. **B L U' B' L' R' L' I b' u'**



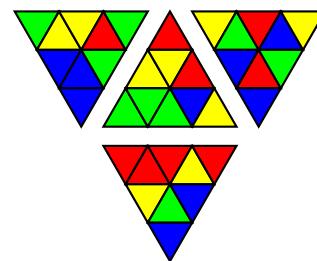
2. **L' U L' R' B' R' U' B' b u'**



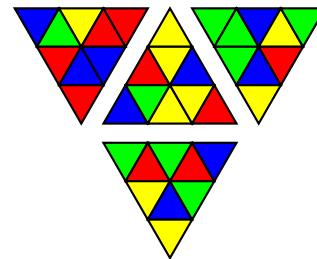
3. **R' U L' B U L B' r**



4. **U' R U B' R' L U B' R r b'  
u'**



5. **L R L' R U' L U' I r b'**



Scrambles generated at:

Sun Nov 27 2011 15:08:01 GMT-0800 (PST)

Pyraminx Scrambler Version

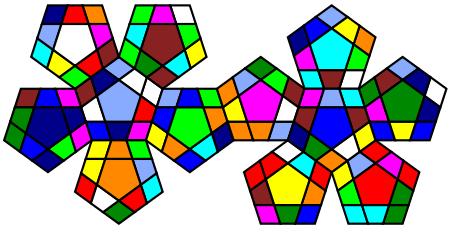
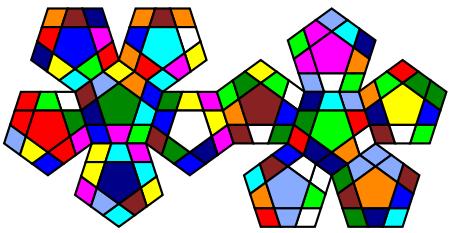
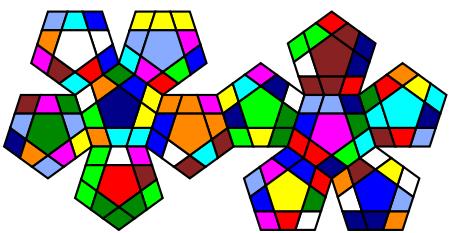
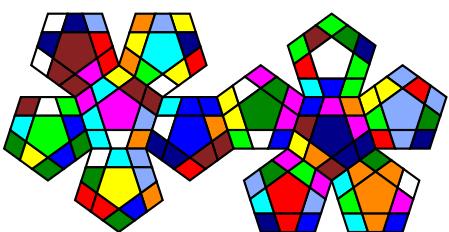
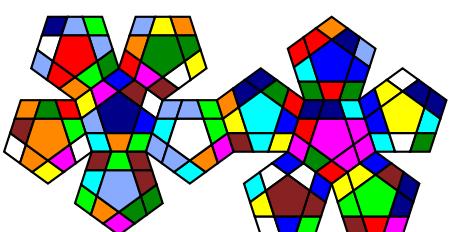
November 24, 2011



# Megaminx

# Benchmark

# Round Megaminx

1.	R++ D-- R++ D-- R-- D++ R-- D++ R++ D-- U' R-- D-- R++ D++ R++ D-- R-- D++ R++ D-- U' R++ D-- R-- D++ R++ D-- R++ D-- R++ D-- U' R-- D-- R-- D++ R-- D-- R-- D-- R++ D-- U' R++ D++ R-- D-- R++ D-- R-- D++ R-- D-- U' R-- D-- R-- D-- R++ D++ R-- D++ R-- D++ U R++ D-- R-- D++ R-- D++ R-- D++ R++ D-- U'	
2.	R-- D++ R++ D-- R++ D-- R-- D++ R-- D-- U' R++ D-- R++ D++ R-- D-- R++ D-- R-- D++ U R++ D++ R-- D-- R-- D++ R++ D++ R++ D++ U R++ D-- R++ D-- R-- D++ R++ D-- R-- D++ U R-- D-- R++ D++ R-- D++ R-- D++ R-- D-- U' R++ D++ R++ D++ R-- D++ R++ D++ R-- D-- U' R-- D-- R++ D++ R-- D-- R++ D++ R++ D++ U	
3.	R++ D-- R-- D++ R-- D-- R++ D++ R++ D-- U' R-- D-- R++ D-- R-- D-- R++ D-- R-- D-- U' R++ D-- R++ D-- R-- D++ R-- D-- R++ D++ U R-- D-- R-- D-- R++ D-- R-- D++ R-- D++ U R-- D++ R-- D++ R++ D++ R++ D++ R-- D-- U' R++ D++ R-- D++ R++ D-- R-- D++ R-- D++ U R-- D++ R-- D-- R-- D-- R++ R-- D-- U'	
4.	R-- D++ R++ D++ R-- D-- R-- D-- R-- D-- U' R-- D++ R-- D++ R++ D++ R++ D-- R++ D-- U' R-- D++ R++ D-- R-- D-- R++ D++ R-- D-- U' R++ D++ R++ D++ R-- D-- R-- D++ R++ D++ U R-- D++ R-- D-- R-- D++ R++ D++ R++ D-- U' R++ D++ R++ D-- R-- D-- R++ D++ R++ D++ U R++ D++ R-- D-- R++ D++ R-- D++ R++ D-- U'	
5.	R-- D-- R-- D-- R-- D-- R++ D++ R++ D++ U R-- D++ R-- D-- R++ D-- R-- D++ R++ D-- U' R++ D-- R++ D-- R++ D-- R++ D-- R-- D-- U' R++ D++ R-- D++ R++ D-- R++ D-- R-- D++ U R-- D++ R-- D++ R++ D++ R-- D-- R++ D-- U' R-- D++ R++ D++ R++ D-- R-- D-- R++ D-- U' R-- D-- R-- D-- R-- D++ R-- D++ R-- D++ U	

Scrambles generated at:

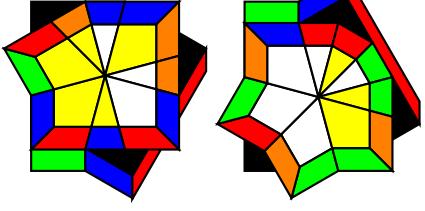
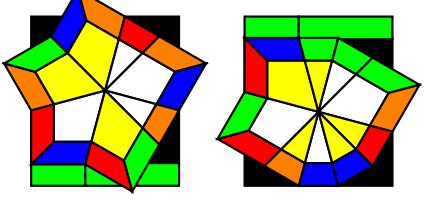
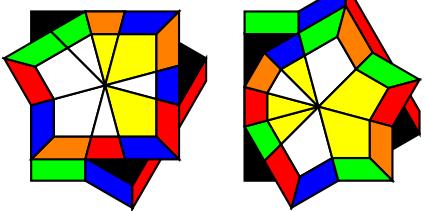
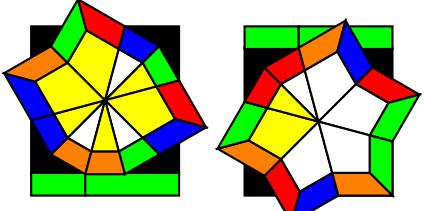
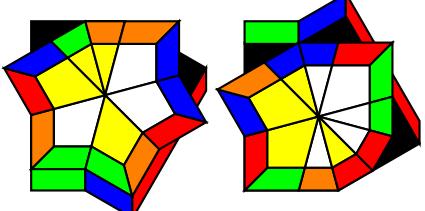
Sun Nov 27 2011 15:08:01 GMT-0800 (PST)

Megaminx Scrambler Version

November 24, 2011



**Square-1****Benchmark****Round Square-1**

1.	$(1, 0) / (-4, -1) / (-3, 0) / (-2, 1) / (5, -1) / (1, -2) / (0, 3) / (5, -4) / (-3, 1) / (0, -3) / (-2, 5) / (0, 4) / (-1, 0) / (6, 4)$	
2.	$(-5, 0) / (6, 0) / (6, 3) / (-1, 5) / (3, 0) / (4, 1) / (-3, 3) / (0, -3) / (5, -1) / (0, 1) / (0, -3) / (-2, 0) / (-1, 0) / (4, 0) / (-2, -5)$	
3.	$(6, -4) / (6, 0) / (6, -3) / (-5, 1) / (-1, 2) / (3, 0) / (-2, 1) / (-1, 2) / (6, 1) / (0, -3) / (-2, 5) / (0, 4) / (-1, 0) / (6, 0)$	
4.	$(-5, 3) / (6, 0) / (-1, -1) / (0, 3) / (-3, 0) / (3, 0) / (0, -3) / (-2, 1) / (5, 0) / (3, 3) / (-5, 0) / (0, 4) / (0, 2)$	
5.	$(6, 5) / (6, 0) / (-5, -2) / (-1, 2) / (1, -5) / (-1, -4) / (-3, 0) / (1, -2) / (-3, 0) / (-1, 3) / (-3, -3) / (0, -5) / (4, 0) / (-4, 5)$	

Scrambles generated at:

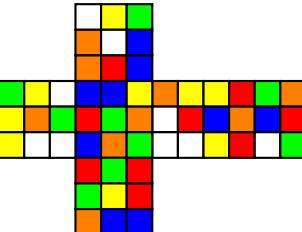
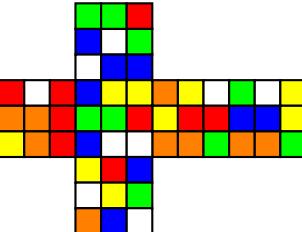
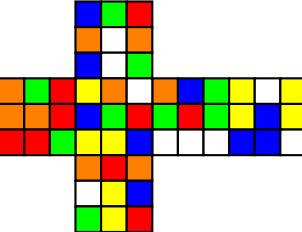
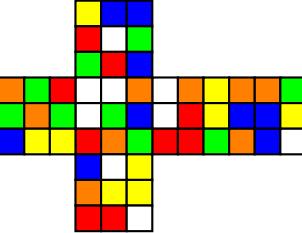
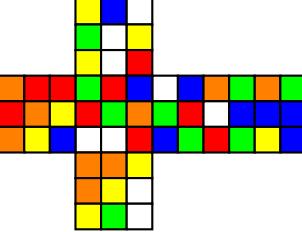
Sun Nov 27 2011 15:08:01 GMT-0800 (PST)

Square-1 Scrambler Version

November 22, 2011



# Rubik's Cube Benchmark Round 3x3x3 Again

	<b>F2 D' L2 U F2 U B2 L2 B2 U2 F2</b>	
1.	<b>D' F2 L2 F' U' R D' B' R2 L' U' B U'</b>	
2.	<b>F2 U R2 D R2 B2 D F2 D' R2 U' L2 U' B2 U' R' D F L' F R2 U2 F' L' U2</b>	
3.	<b>U R2 U B2 D L2 F2 U' L2 D' F2 U B2 F' L' D B U2 F' U' R B</b>	
4.	<b>U' R2 U B2 U2 R2 B2 U F2 D F2 U F2 U2 F' U' R' F' R D2 B L' U'</b>	
5.	<b>L2 D2 R2 U F2 U2 L2 D' R2 D' B2 L2 U2 F' U L U' F B D L' B U</b>	

Scrambles generated at:

Sun Nov 27 2011 15:08:06 GMT-0800  
(PST)

Rubik's Cube Scrambler Version

November 22, 2011

