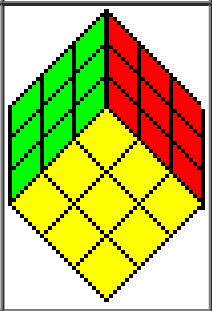
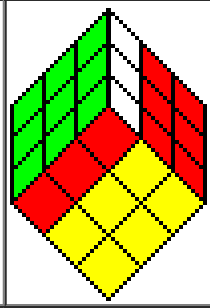
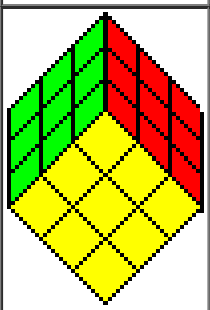
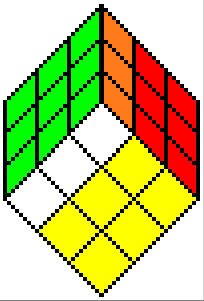
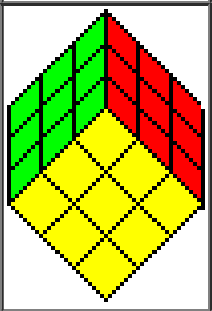
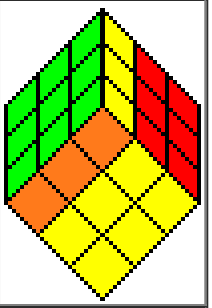
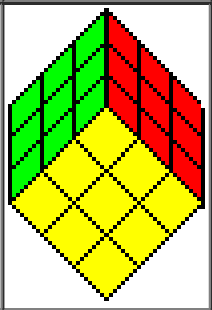
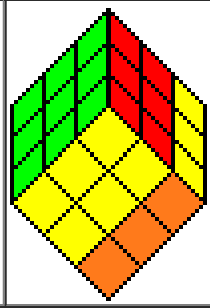
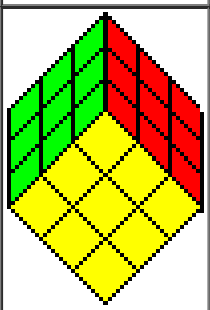
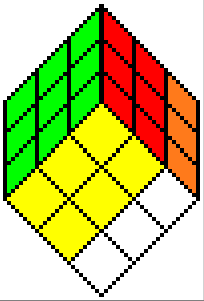
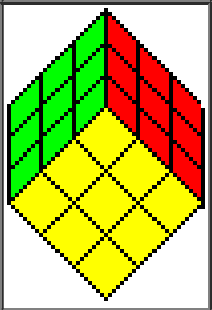
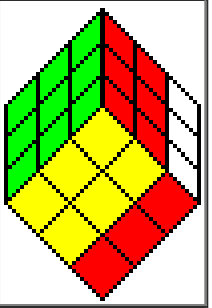
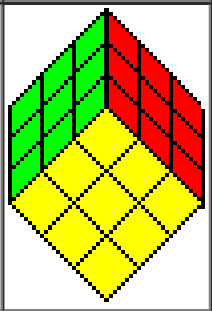
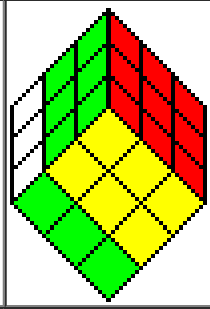
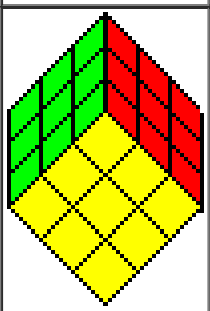
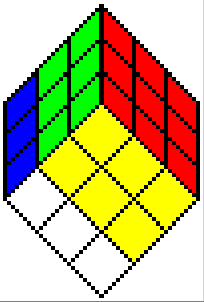
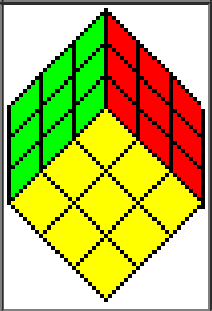
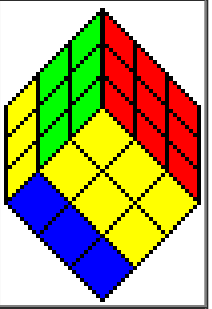
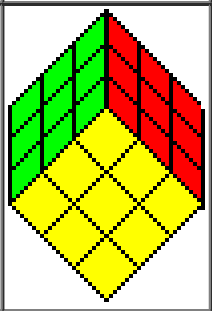
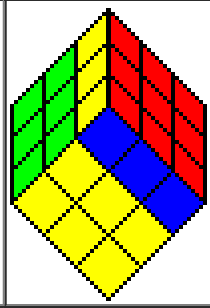
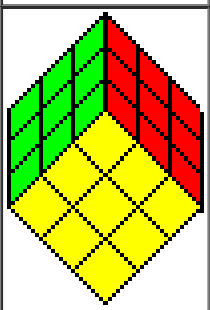
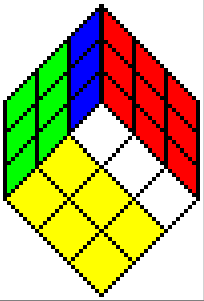
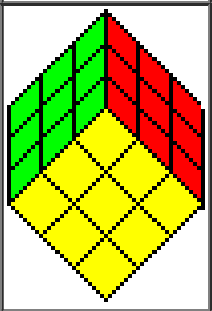
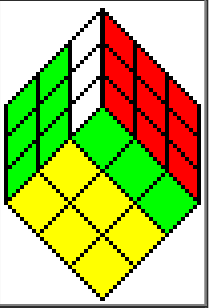
Overview of all moves and rotations on the cube, and their results

Green is **F** (front).
Red is **R** (right).
Blue is **B** (back).
Orange is **L** (left).
White is **U** (upper).
Yellow is **D** (down).

Move	Start position	Result	Move	Start position	Result	Move	Start position	Result
F			F2			F'		
B			B2			B'		
L			L2			L'		
R			R2			R'		
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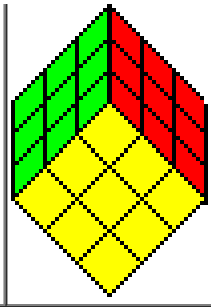
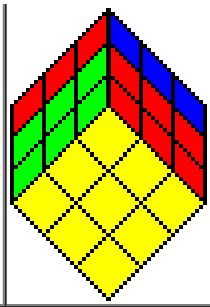
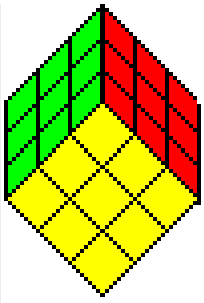
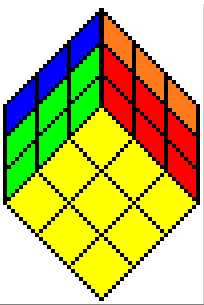
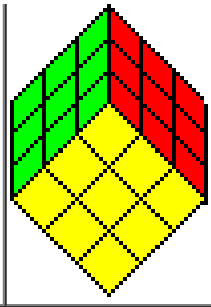
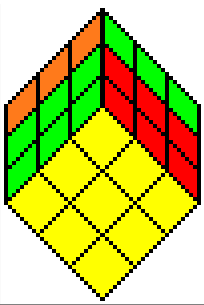
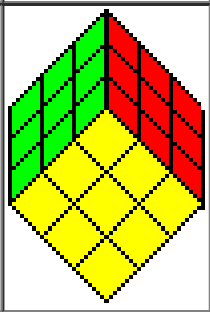
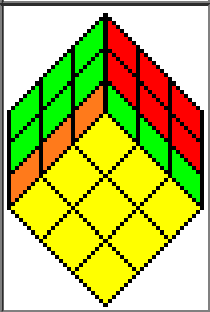
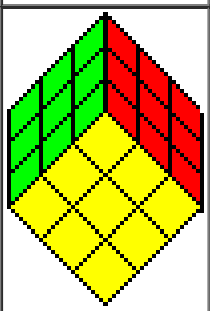
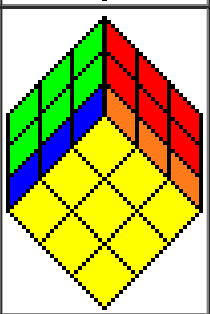
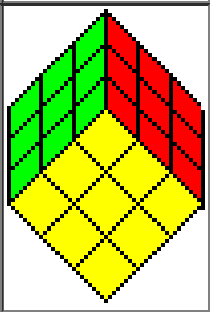
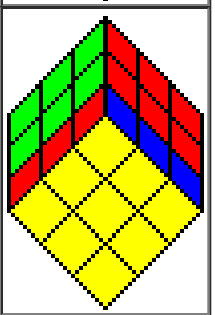
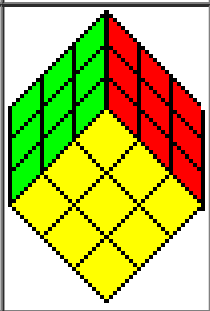
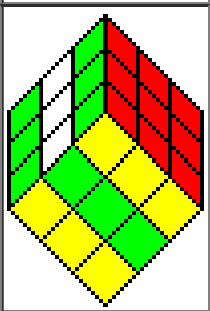
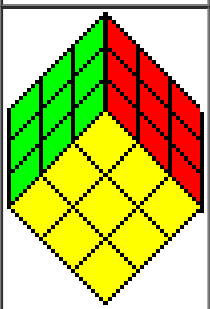
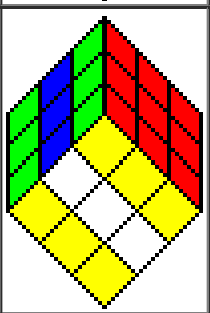
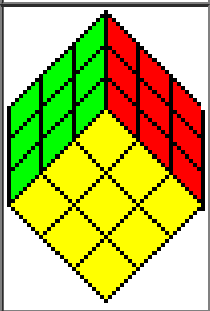
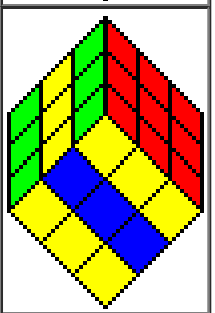
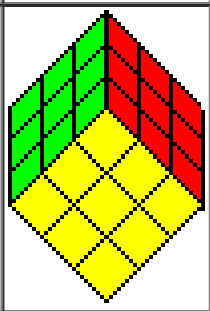
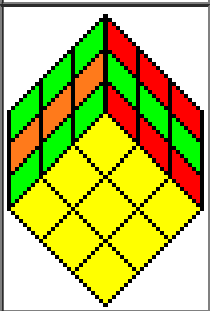
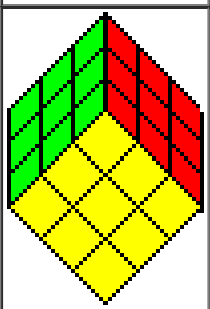
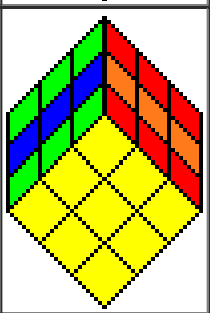
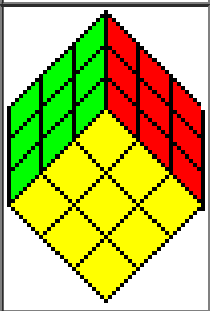
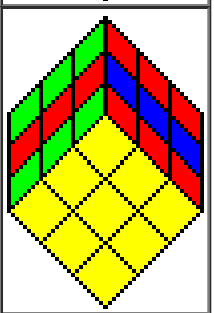
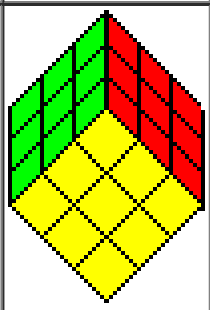
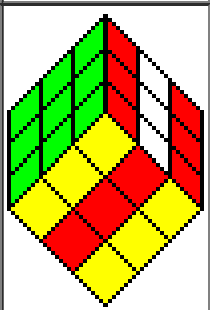
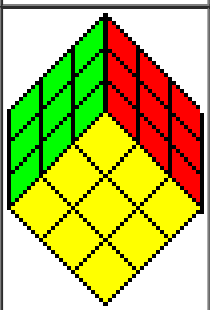
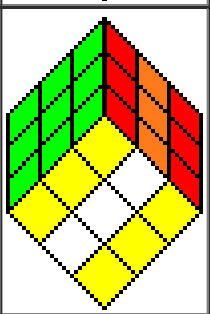
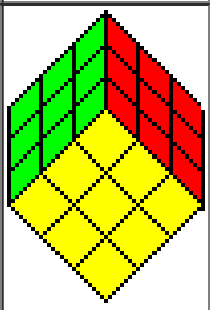
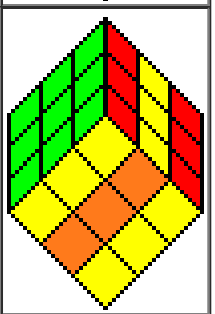
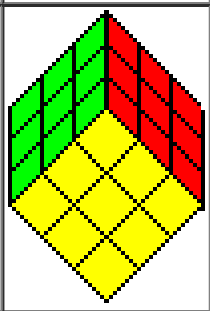
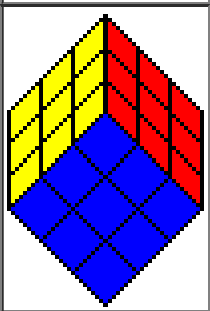
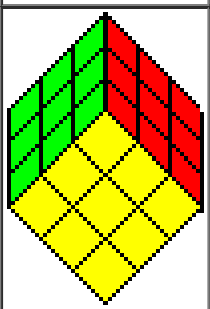
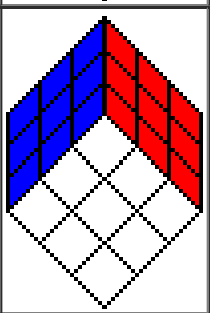
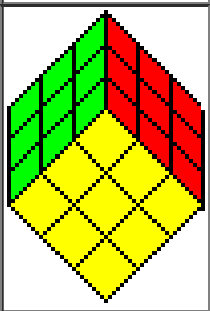
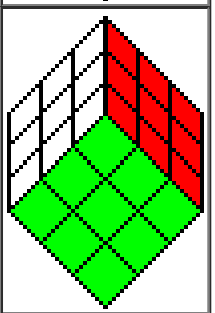
								
D			D2			D'		
M			M2			M'		
E			E2			E'		
S			S2			S'		
x			x2			x'		
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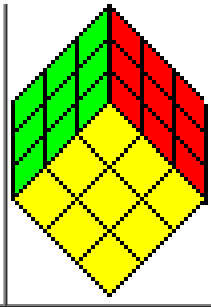
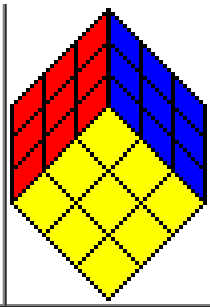
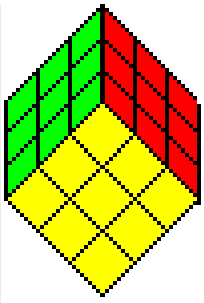
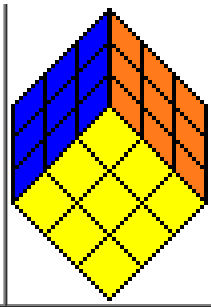
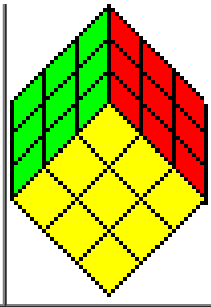
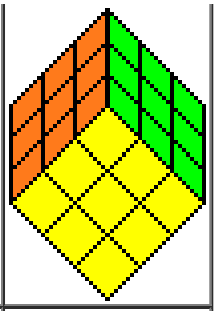
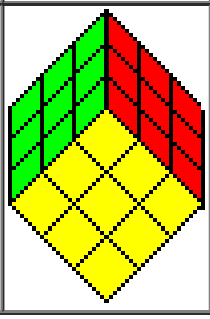
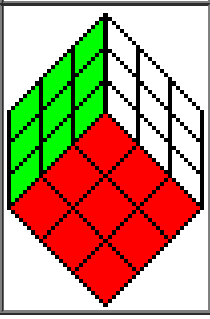
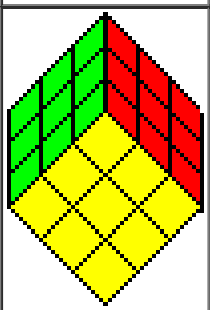
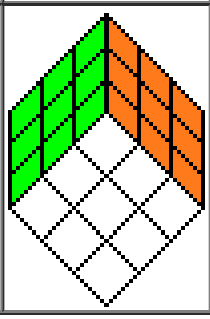
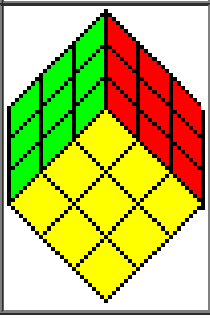
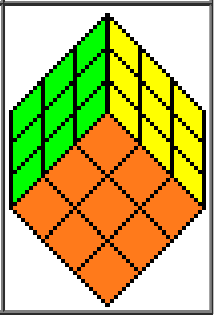
											
z			z2			z'