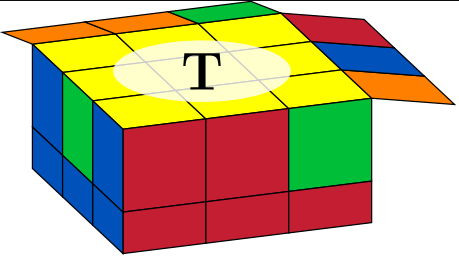
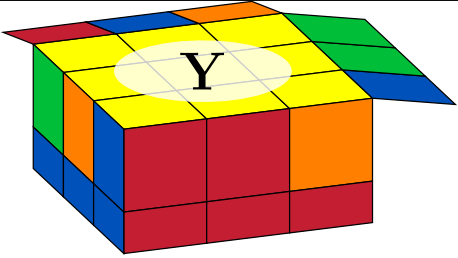
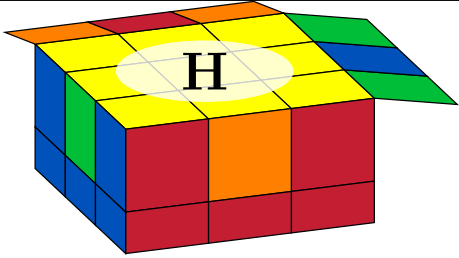
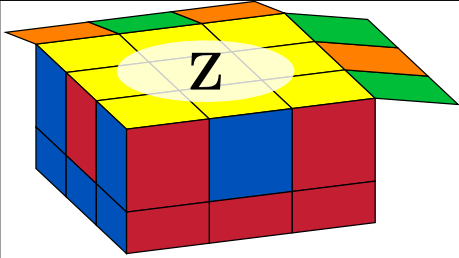
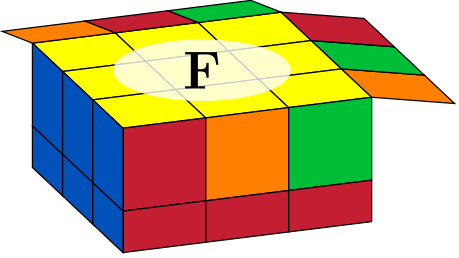
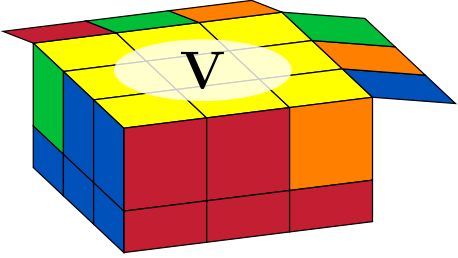
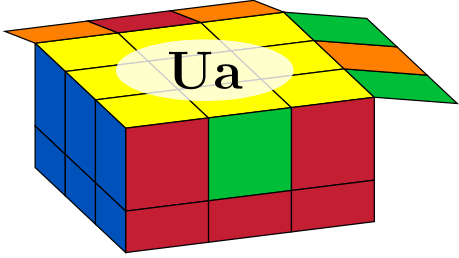
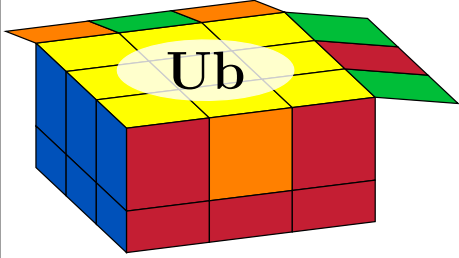
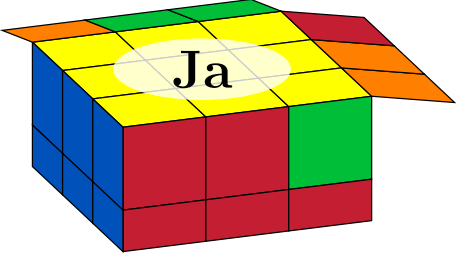
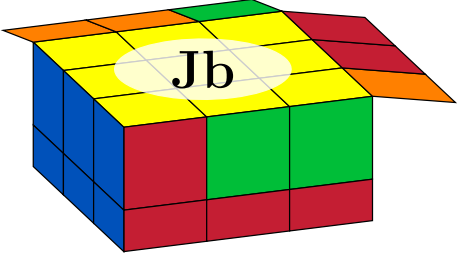
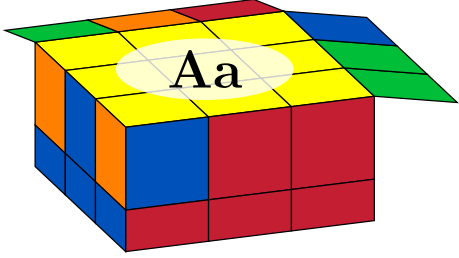
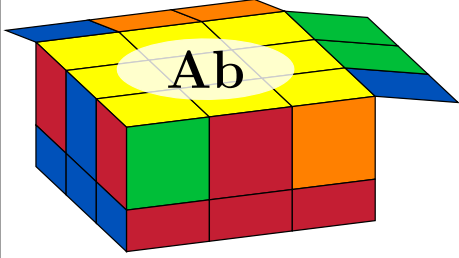
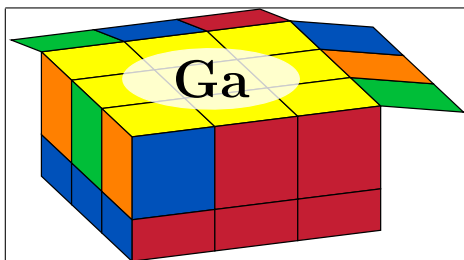


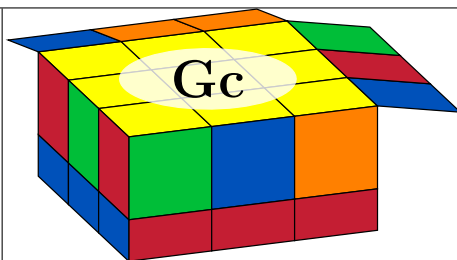
Table 1: PLL seen from front left. Headlights or solved side, if they exist, are placed on the left. All except Gc have a front sticker that stays in place for AUF reference; for Gc the right back sticker must be used.

 <p><b>T</b></p> <p>RUR'U' R'FR2U'R' U'RUR' F'</p>	 <p><b>Y</b></p> <p>F RU'R'U' RUR'F' RUR'U' R'FRF'</p>	 <p><b>H</b></p> <p>M2'U'M2' U2 M2'U'M2'</p>	 <p><b>Z</b></p> <p>M2'u'M2'u SM2'S'</p>
 <p><b>F</b></p> <p>R'FRf' R'FR2UR' U' R'F'R2UR' S</p>	 <p><b>V</b></p> <p>R'URU' R'f'U'R U2' R'U'RU' R'fR</p>	 <p><b>Ua</b></p> <p>R2U' S'U2'S U'R2</p>	 <p><b>Ub</b></p> <p>R2'U S'U2S UR2'</p>
 <p><b>Ja</b></p> <p>(M'R')FRF' RU2'r'U rU2'r'</p>	 <p><b>Jb</b></p> <p>r'FRF' rU2'R' URU2'R'</p>	 <p><b>Aa</b></p> <p>(rL) D2 L'U'L D2 L'Ur'</p>	 <p><b>Ab</b></p> <p>(r'L') D2 LUL' D2 LU'r</p>



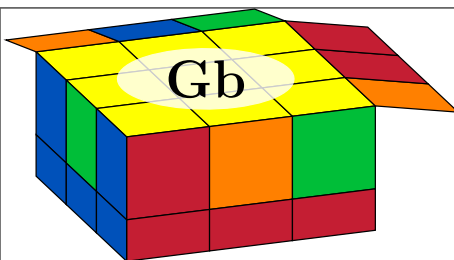
Ga

$R2uR'U R'U'Ru' R2 F'UF$



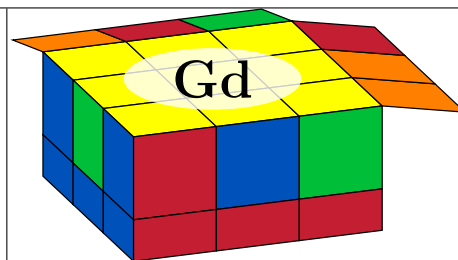
Gc

$R2'u'RU' RUR'u R2 fR'f'$



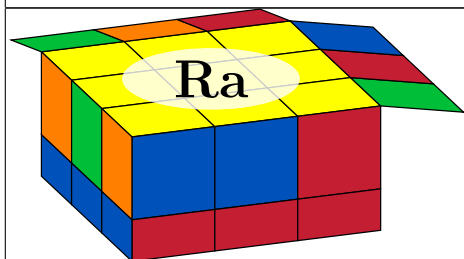
Gb

$D R'U'RU D' R2UR'U$   
 $RU'RU' R2'$



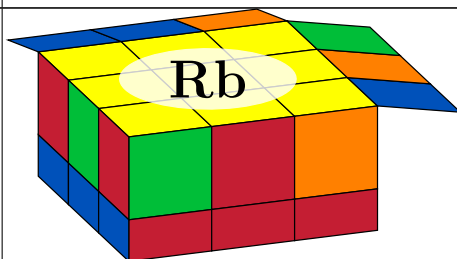
Gd

$D' RUR'U' D R2U'RU'$   
 $R'UR'U R2$



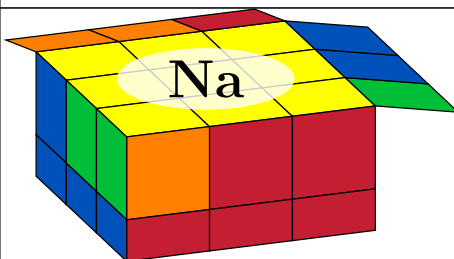
Ra

$RUR'F' RU2'R'U2 R'FRU$   
 $RU2'R'$



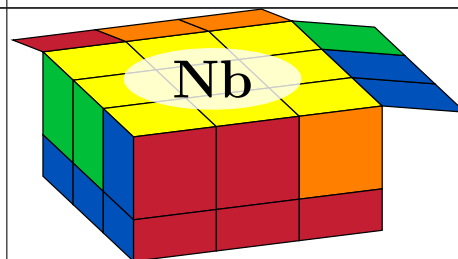
Rb

$R2'FRU RU'R'F'$   
 $RU2'R'U2 R$



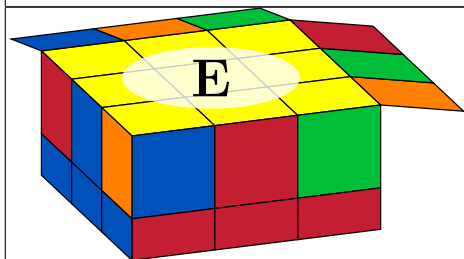
Na

$RUR'U r'FRF' rU2'R'$   
 $URU2'R' U'RU'R'$



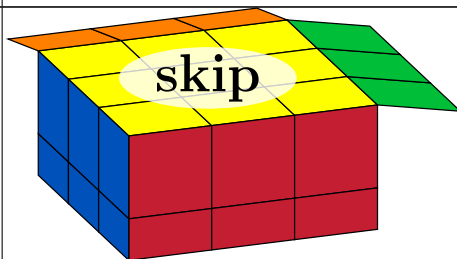
Nb

$L'U'LU (M'R')FRF'$   
 $RU2'r'U rU2'r' U'L'UL$



E

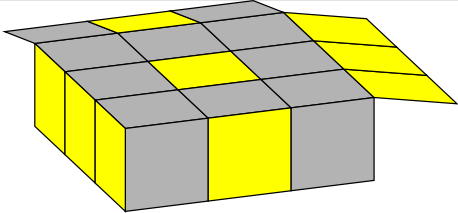
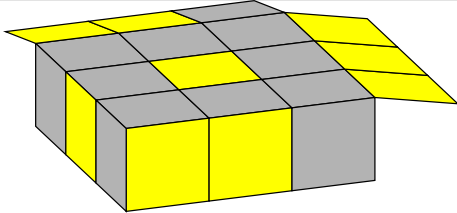
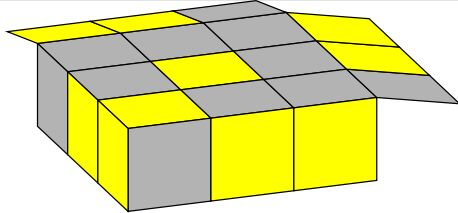
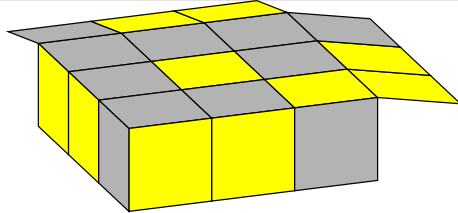
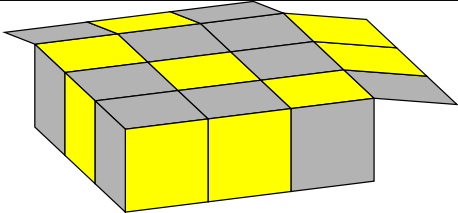
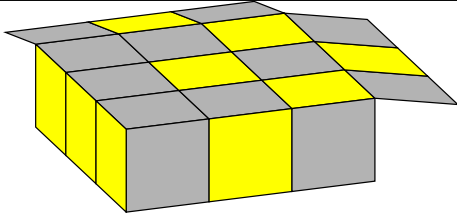
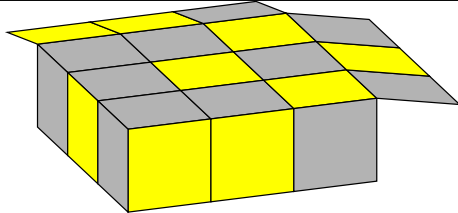
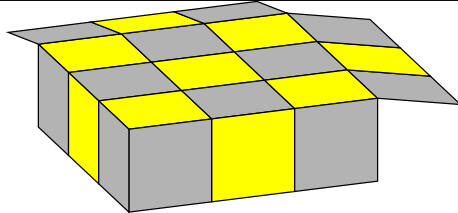
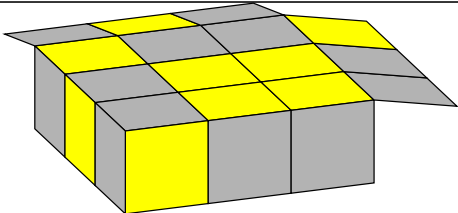
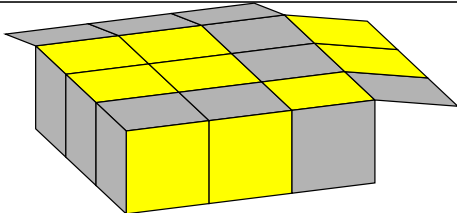
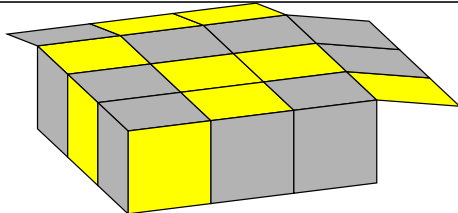
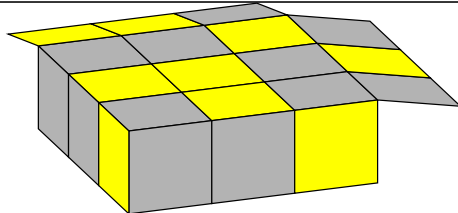
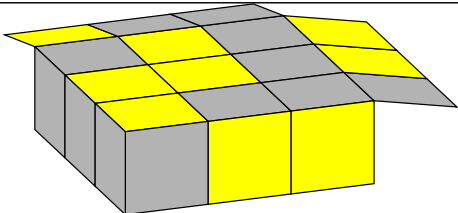
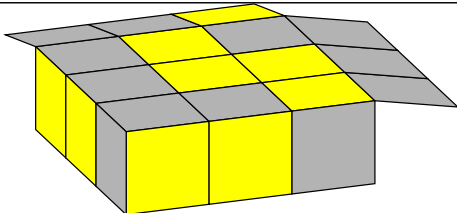
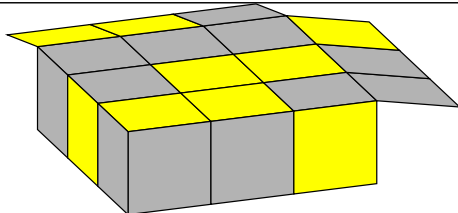
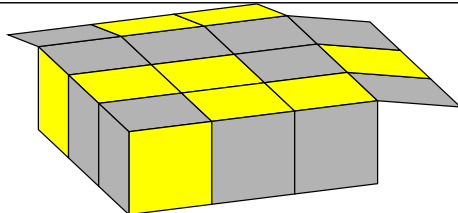
$R'U'R'D' RU'R'D' RUR'D'$   
 $RUR'D R2$

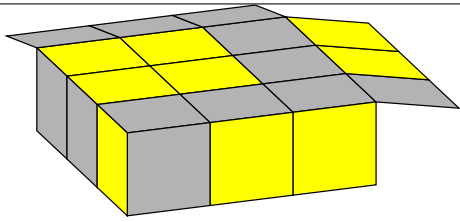


skip

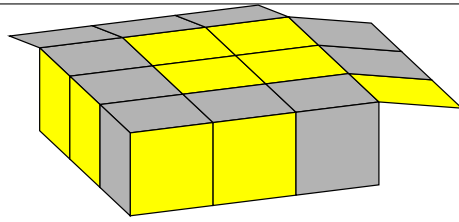
do you really need an alg?

Table 2: OLL seen from front left.

			
$RU2'R' R'FRF' U2 R'FRF'$	$f URU'R' S' URU'R' F'$	$f URU'R' S' R'F'R URU'R$	$R'FRF' U'S R'U'RU RS'$
			
$FR'F'R US' RU'R'S$	$FS' RU'R'S RU2'R'U' F'$	$S' RUR'S U' R'FRF'$	$rUR'U' M2 URU'R' U'M'$
			
$RU2'R' R'FRF' RU2'R'$	$R'FRF' URU'R'$	$L'U'LU' LF'L'F L'U2L$	$RUR'U R'FRF' RU2'R'$
			
$rUR'U RU2'r$	$l'U'LU' L'U2l$	$S RUR'U RU2'R'U2 S'$	$S' L'U'LU' L'U2LU2' S$



$l'U^2L \ U L'U$



$rU^2R' \ U'RU'r'$