Orient Last Layer (Two Look)
Step 1

f (R U R' U') f'
Probability = ½

Bonus

F (R U R' U') F'
Probability = ¼
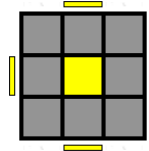
[F (R U R' U') F'][f (R U R' U') f']
Probability = 1/8

Move to Second Look
Probability = 1/8
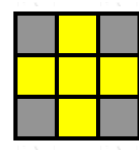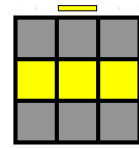
Orient Last Layer (Two Look)
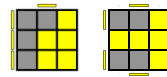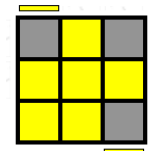## Step 2

All Edges Oriented Correctly

(R U R' U) R U² R'
Probability = 4/27

R U² R' U' R U' R'
Probability = 4/27
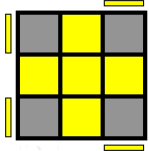
[f (R U R' U') f'][F (R U R' U') F']
R U²' R²' U' R² U' R²' U² R
Probability = 4/27

F (R U R' U')(R U R' U')(R U R' U') F'
y (R U' R) U' (R U R) U' (R U² R)
Probability = 2/27
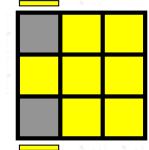
(r U R' U')(r' F R F')
Probability = 4/27

F' (r U R' U')(r' F R)
Probability = 4/27
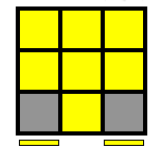
R² [D (R' U²) R][D' (R' U²) R']
Probability = 4/27

Solved
Probability = 1/27
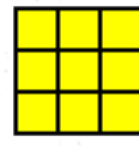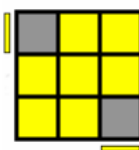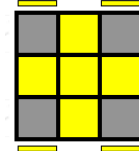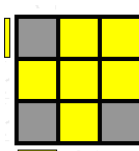
Notation

R   R'   R²   r/Rw   r'/Rw'   x   y

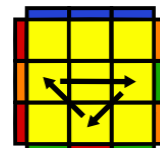U   U'   U²   u/Uw   u'/Uw'   z   M

F   F'   L   L'   B   B'   D   D'

Permute Last Layer

Permutations of Edges or Corners Only

R² U (R U R' U')(R' U')(R' U R')
Ub - Probability = 1/18

(R U')(R U)(R U)(R U') R' U' R²
Ua - Probability = 1/18
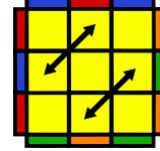
M² U M² U M' U² M² U² M' U²
U² (R U R U)(R' U' R' U')(R U' R') R² U R
Z - Probability = 1/36

M² U M² U² M² U M²
H - Probability = 1/72
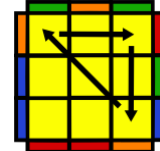
x [(R' U R') D²][(R U' R') D²] R²
Aa - Probability = 1/18

x' [(R U' R) D²][(R' U R) D²] R²
Ab - Probability = 1/18
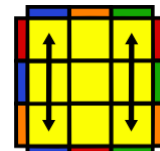
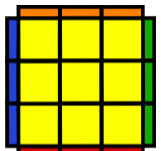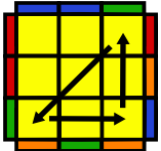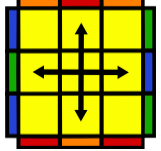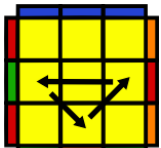x'[(R U' R') D (R U R')] D' [(R U R') D (R U' R')] D'
x'[(R U' R') D (R U R')] u² [(R' U R) D (R U' R')]
E -Probability = 1/36

Solved
Probability = 1/72

Swap One Set of Adjacent Corners
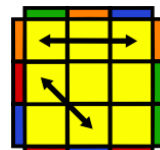
(L U²' L' U²')(L F)(L' U' L U)(L F) L²' U
Ra - Probability = 1/18

(R' U² R U²)(R' F)(R U R' U')(R' F') R² U'
Rb - Probability = 1/18
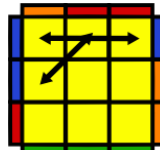
(R' U L')(U² R U' R' U²)(R L U')
Ja - Probability = 1/18

(R U R' F')[(R U R' U')(R' F)(R² U' R') U']
Jb - Probability = 1/18
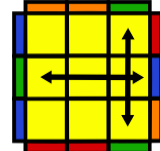
(R U R' U')(R' F)(R² U' R') U' (R U R' F')
T - Probability = 1/18

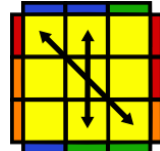(R' U² R' d')(R' F')(R² U' R' U)(R' F R U' F)
F - Probability = 1/18
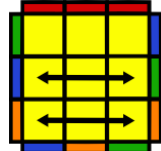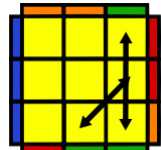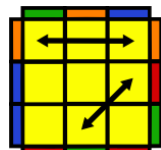
Swap One Set of Corners Diagonally
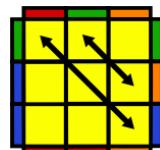
(R' U R' d')(R' F')(R² U' R' U)(R' F R F)
V - Probability = 1/18

F R U' R' U' (R U R' F')[(R U R' U')(R' F R F')]
Y - Probability = 1/18

[(L U' R) U² (L' U R')][(L U' R) U² (L' U R')] U
y (R U' R U)(l U)(F U R' F')(R U' R U)(l' U R')
Na - Probability = 1/72

[(R' U L') U² (R U' L)][(R' U L') U² (R U' L)] U'
Nb - Probability = 1/72
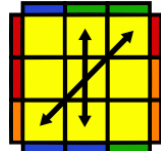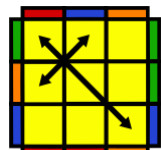
Double Spins
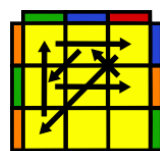
R² u R' U R' U' R u' R² (y' R' U R)
Ga - Probability = 1/18

R² u' R U' R U R' u R² (y R U' R')
Gc - Probability = 1/18
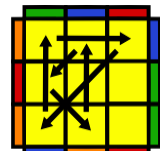
(R U R') y' R² u' R U' R' U R' u R²
Gd - Probability = 1/18

(R' U' R) y R² u R' U R U' R u' R²
Gb - Probability = 1/18