100 Rubik's Cube Sudoku Puzzles

Sudoku for cubers

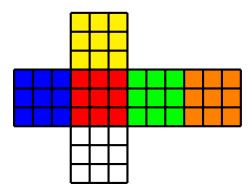
Made by **Zixing Wang**

Preface

Rules

Cube Sudoku is to fill colors in a $3\times3\times3$ Rubik's cube with the Western color scheme. Once the puzzle is solved, this means that the state is solvable by legal moves (that is, without taking the cube apart again).

Western color scheme



Solutions

Each problem has only one solution. Solution can be accessed after each problem. You can apply the scramble in the solution to your Rubik's cube with yellow on the top and red on the front.

Acknowledgement

Thanks to Xi'an Jiao Tong University Rubik's Cube Club, for providing the idea of "Cube Sudoku".

Github link

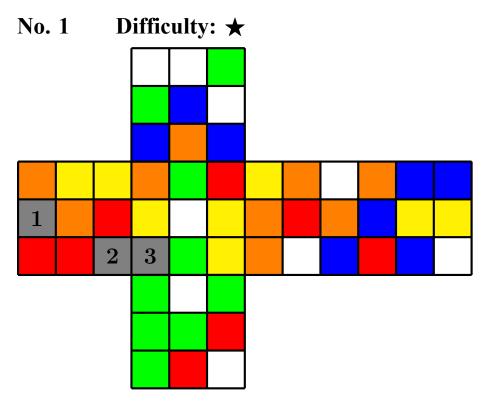
https://github.com/nbwzx/CubeSudoku

Contributors

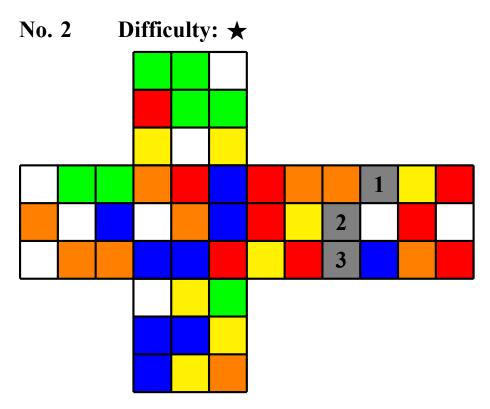
Zixing Wang

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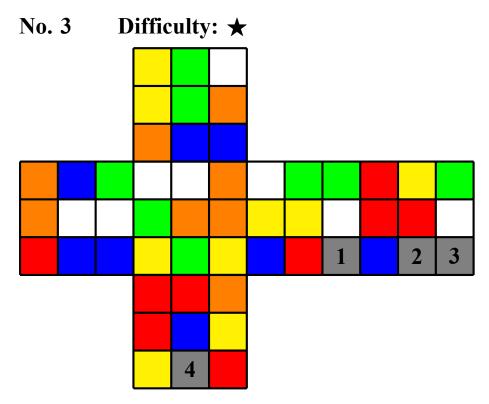
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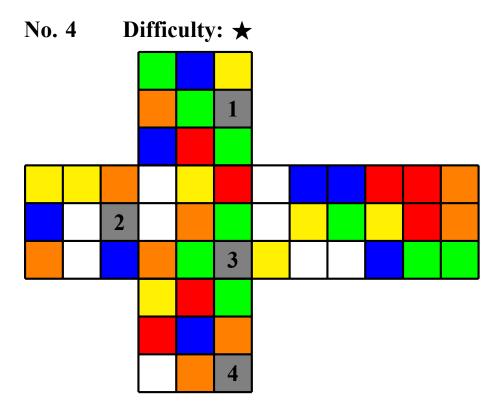
Solution 1: F R L U' L U D' R' D2 L F2 U B' U D' F' D2 R' L' B' Fw Uw'



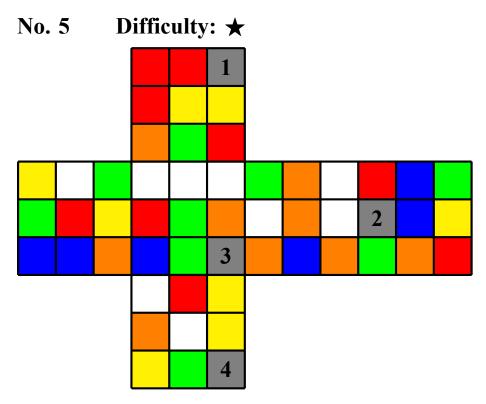
Solution 2: D2 R' L2 U D' B' L B L2 F2 D' F' U2 L2 F' U' D L' D2 U' Fw' Uw2



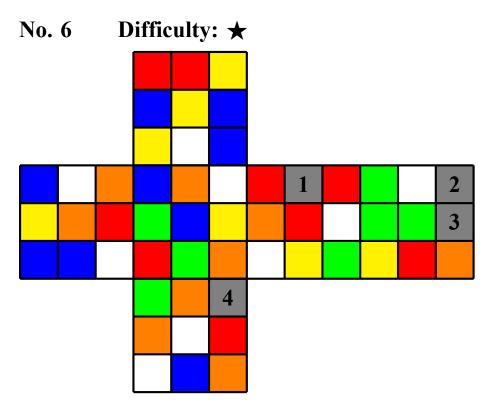
Solution 3: B R F' L B F' U' B2 L' U L' D L2 U' B F' D2 U B' D2 Fw' Uw2



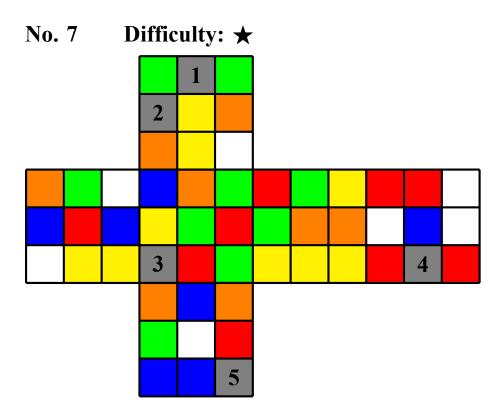
Solution 4: B2 R' B' U F' B' U2 D' L' B2 U2 F' D' L' B2 D' B2 U B' F2 Fw' Uw2



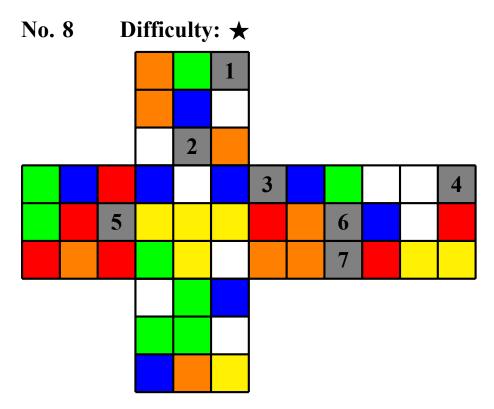
Solution 5: U D2 B R B' R2 D R U R' U R2 D2 R2 L B L2 R B R2 Uw



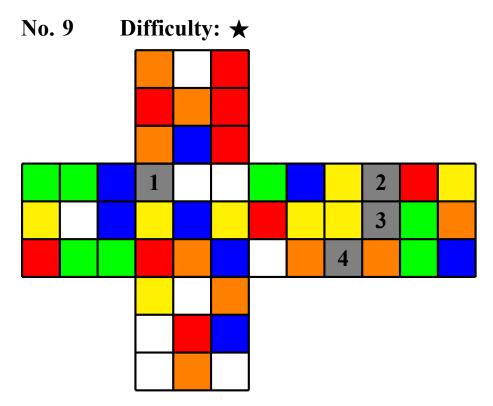
Solution 6: R2 L2 F2 L' U L2 U' F2 D' U2 R2 L F' U2 D' F D B R' F' Uw'



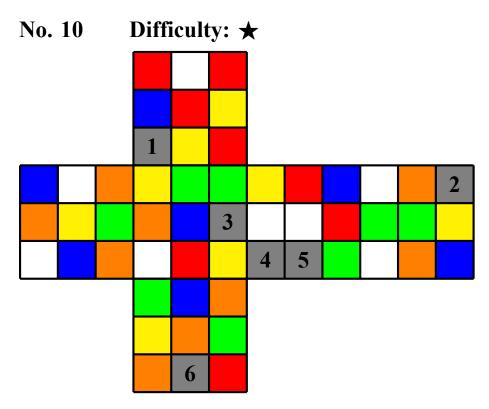
Solution 7: B' D2 F' R' D2 F' U F2 D' L2 F U2 D L2 R B D' R2 F U Uw



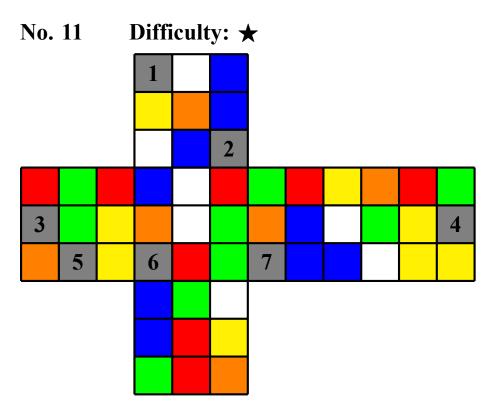
Solution 8: U2 R' B F' D U' B2 L U2 D' L' U' L2 F' L' U F2 U' L2 U Fw Uw



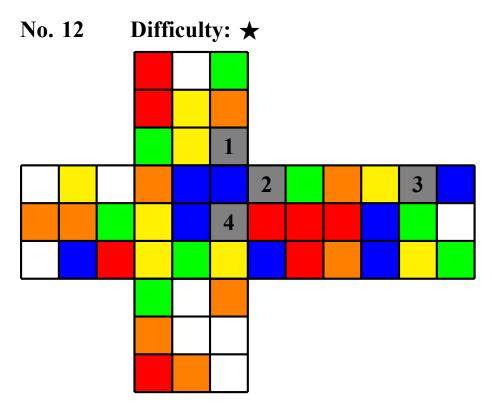
Solution 9: F2 D' U2 R2 L U' B' L' B' D2 R D R F B U2 R2 F2 R2 B2 Rw' Uw'



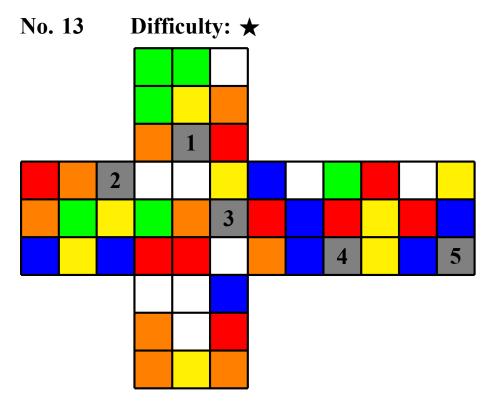
Solution 10: L D2 L' F B' L F2 D R U' F L U' R B' D2 R B2 L2 B' Rw Uw'



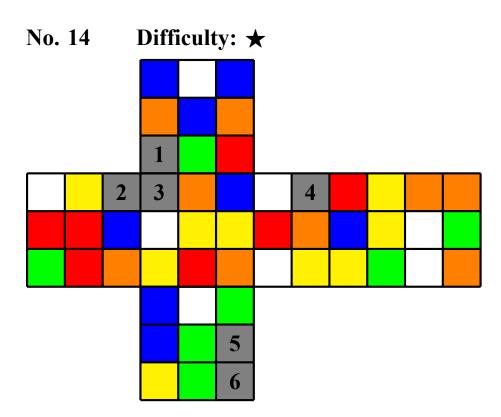
Solution 11: R2 L D L2 U R D' L D U2 B L R' B D2 B L D' U' B' Rw' Uw2



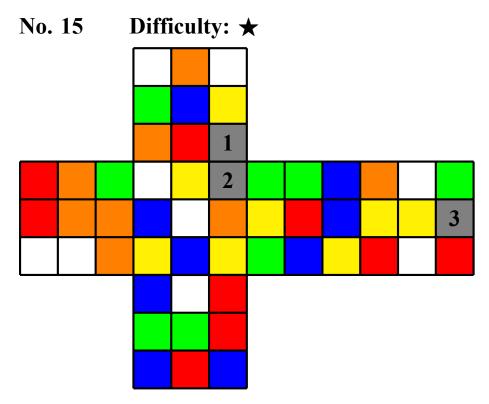
Solution 12: R2 L' F2 L U2 F2 D U L2 F2 R' U' F2 U' R F2 R' L U2 B' Uw'



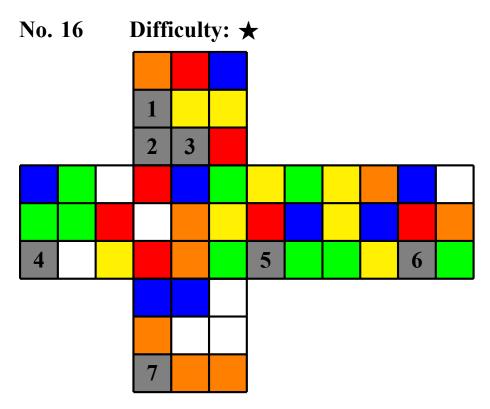
Solution 13: B2 R2 B U2 L2 U2 D2 B2 R F2 D2 U' L2 D F2 B L2 D2 F2 L Uw2



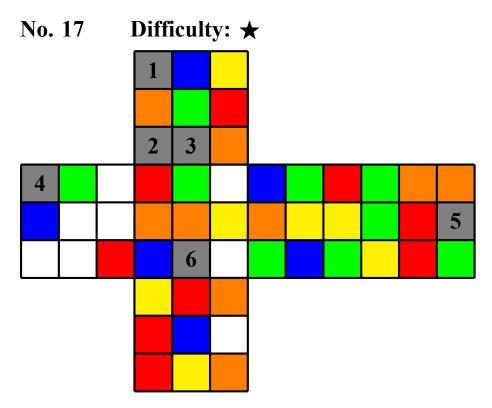
Solution 14: R D2 U R B' R U L2 B2 L' F L F' R F' B L2 F' L2 F Fw Uw



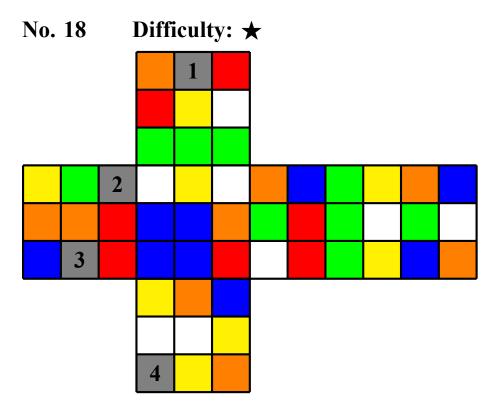
Solution 15: B' D F2 B' U2 B L2 D' B' D R2 D' B' R2 B' R' B' R' U F2 Fw Uw'



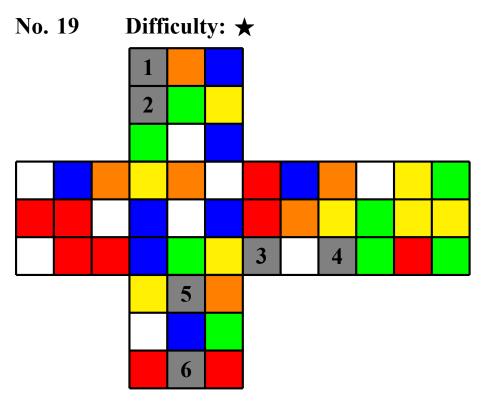
Solution 16: L' U D' B2 F R2 U' B R D2 L' U B F' R' D2 F2 L' D2 F2 Uw2



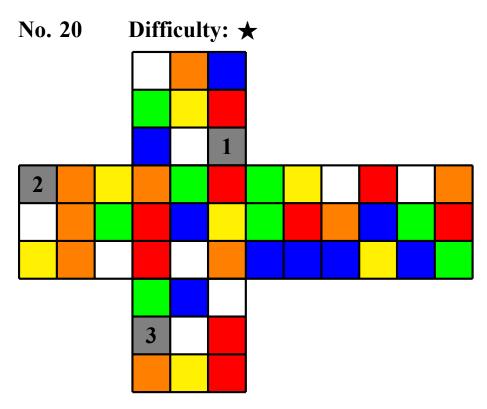
Solution 17: R2 D2 R F' B2 U2 L2 B' R' L F' U' B F R2 D' U2 L' U' B2 Fw' Uw2



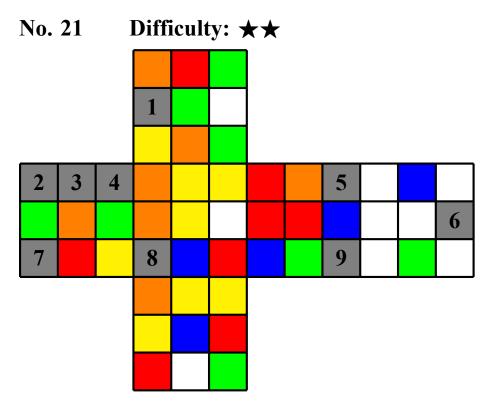
Solution 18: B D F' R L F R D2 U' B F2 R' F L' U2 L D' B' D' L Uw'



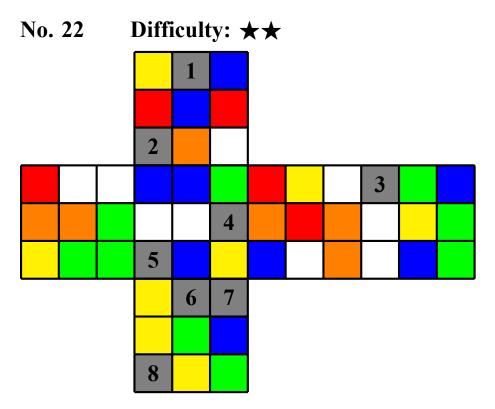
Solution 19: R2 D2 U' B' U F' R' U D2 R2 U2 B L2 F B' U2 R2 L2 B L' Fw' Uw



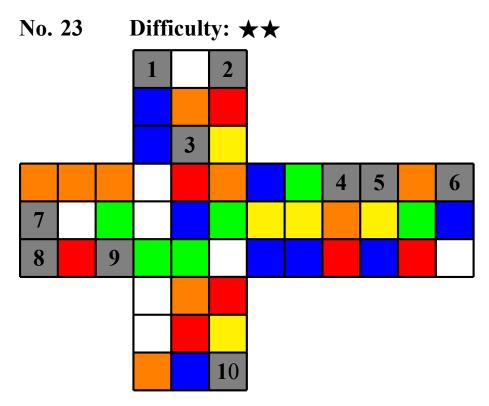
Solution 20: U2 L2 U L U B' L2 F R F' B2 L2 D' F' B2 U L R' B2 L2 Uw'



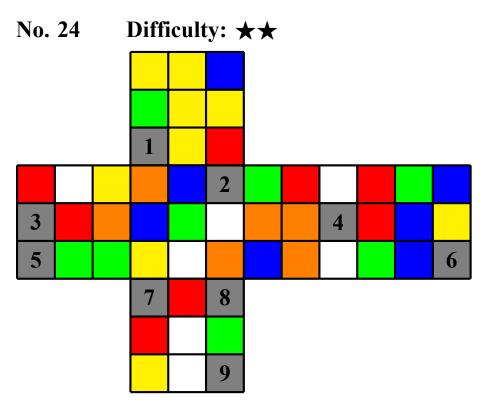
Solution 21: F2 L' U' B' U R2 F' U2 R' F' D' L2 B R' F' U2 B2 F' U D' Fw' Uw'



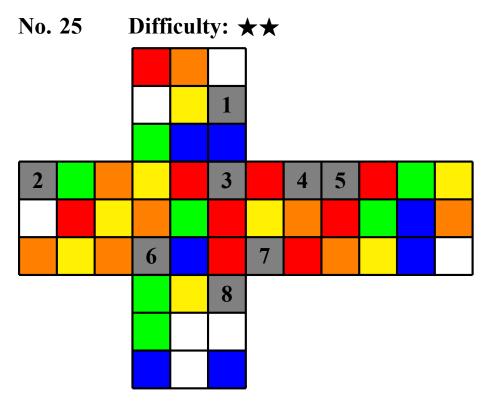
Solution 22: R L' D2 L2 U D' F U' R2 B R U B2 R2 D' B' L2 F R' L' Fw Uw'



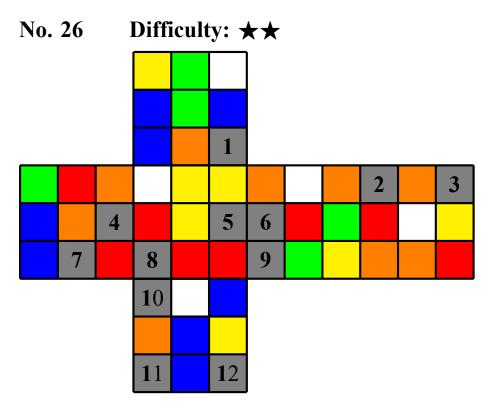
Solution 23: F' D R2 F' L D' R B2 R U B F' R U' R2 L2 U2 F' U2 D2 Rw' Uw'



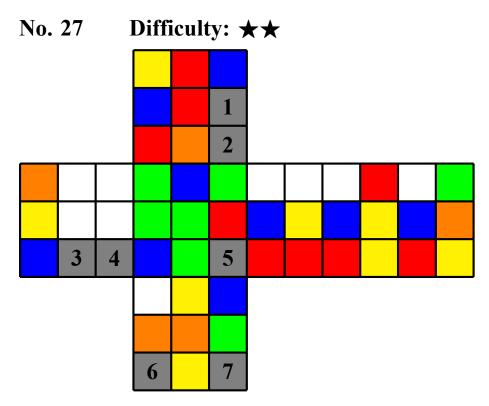
Solution 24: R F' B2 R' F' B' D B L2 B' R2 B2 D2 U' B' U' B L' R2 F2 Uw



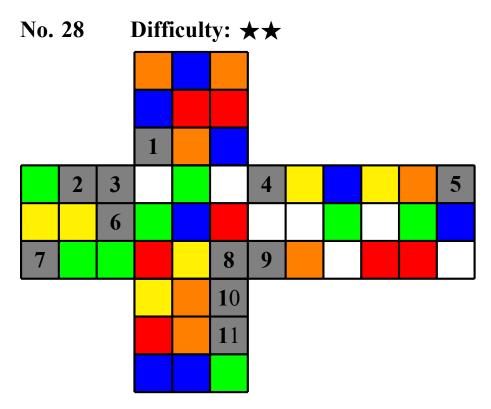
Solution 25: R2 D2 U F2 D' R2 U2 R B R' F R2 F' B R' B2 L2 U' D2 L Uw



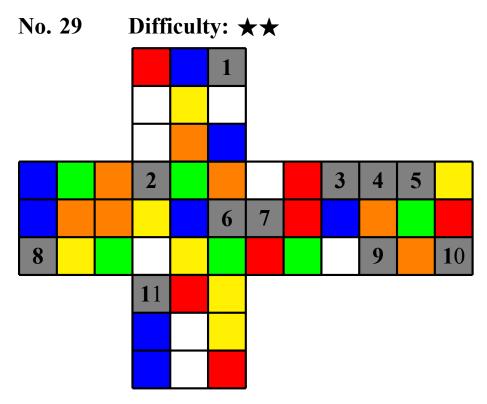
Solution 26: L2 R D2 U' F2 L' B D U L' F' R' F2 R2 L B L D2 U' L' Fw' Uw'



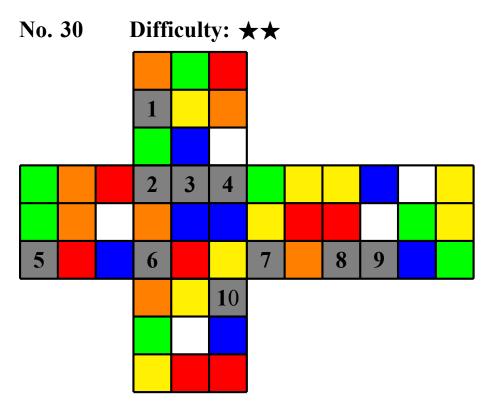
Solution 27: B D2 L2 R' B' U' R' F2 L' U2 R D U L' F2 U' L2 U2 B F Rw Uw



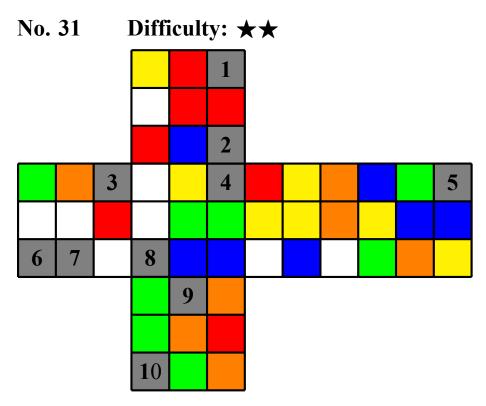
Solution 28: U' F B' D U' R2 F R L2 U D B' D F' D R2 L D' R U2 Rw Uw'



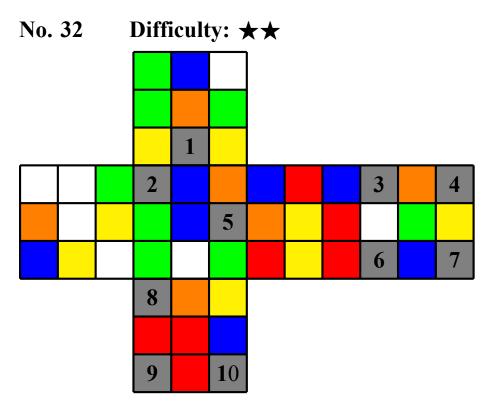
Solution 29: F R2 U2 R' U' F2 R2 D2 B D' B' F' D B2 D' B' U2 B' D' R Uw'



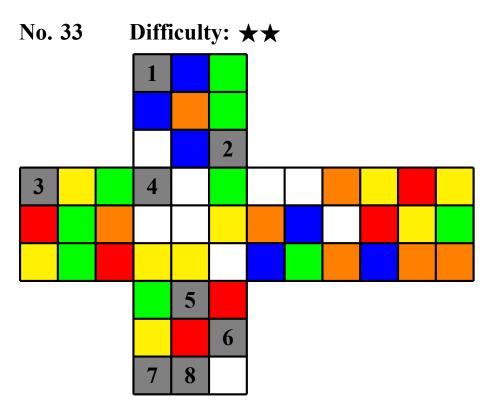
Solution 30: R B L F D U2 R F' L' F' B2 L F2 D F B' D R' F U' Uw'



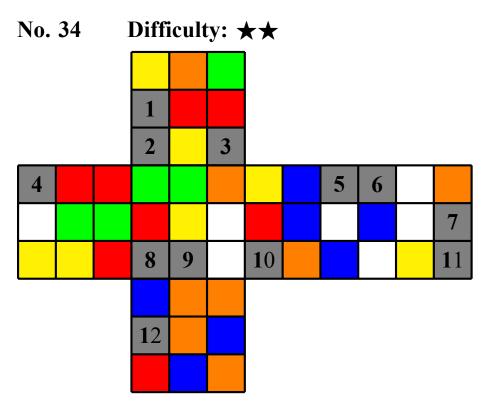
Solution 31: U F' R2 F2 R L2 D U' R2 F2 R2 U' L D' F' B' U2 F2 U' L' Rw Uw



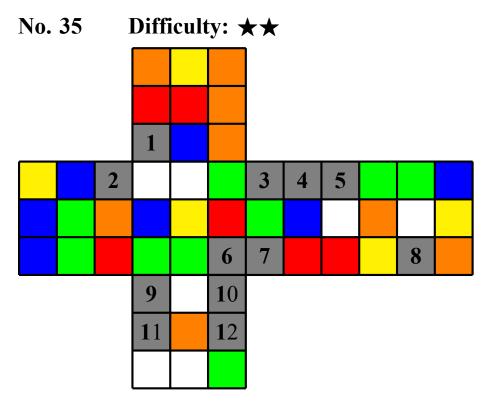
Solution 32: R' F' B' U L2 B U2 B2 U' F' L D' B2 F R D L2 B' F2 D' Rw' Uw'



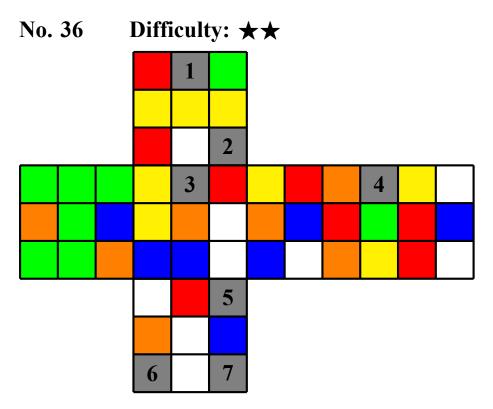
Solution 33: B2 R2 F2 U F' L F R L' B2 U' R D F D F' L' R2 D2 F2 Rw' Uw2



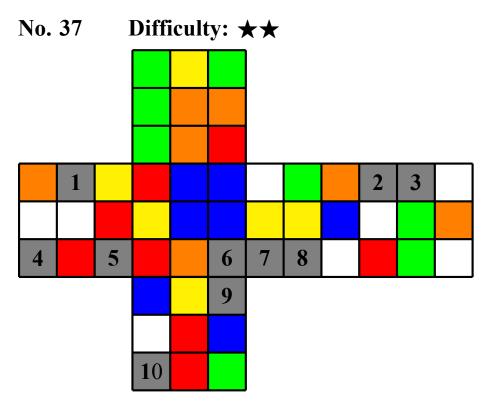
Solution 34: B2 U' L2 R' F2 B' U F R2 D2 F L B D' L B' R2 L U2 R2 Rw Uw2



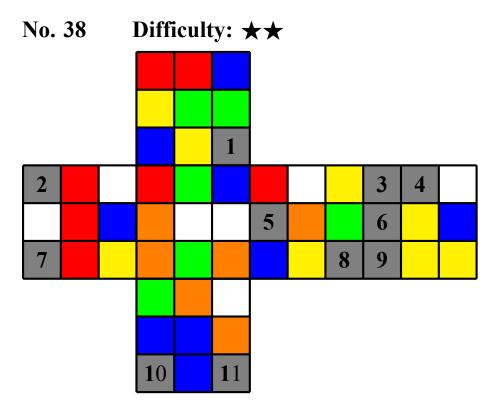
Solution 35: F' R U2 B F' D' U B2 L' D2 U2 L' D2 R' B2 U2 L' R D' U2 Rw Uw2



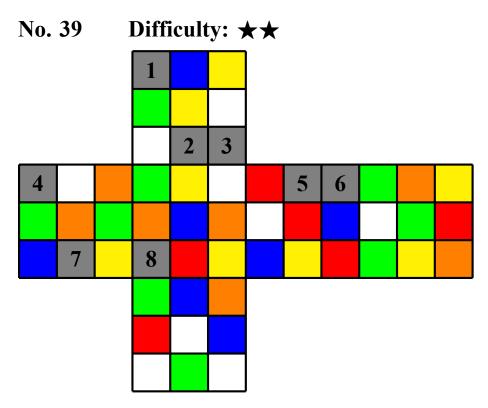
Solution 36: B' U' F' L' R U' F' D' B2 R' U L2 U B' L F' B' L2 F' D' Uw2



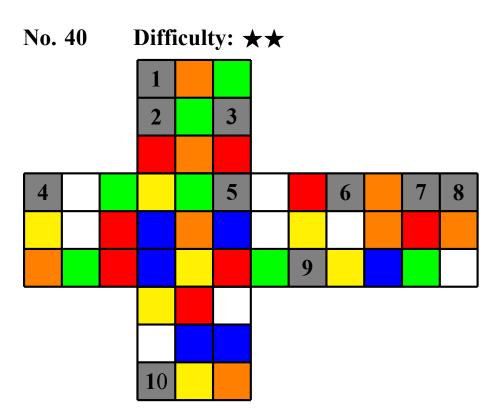
Solution 37: D' L2 R' F R' F B' R2 U D' B2 D' U' L2 U R U R2 B2 L' Rw' Uw'



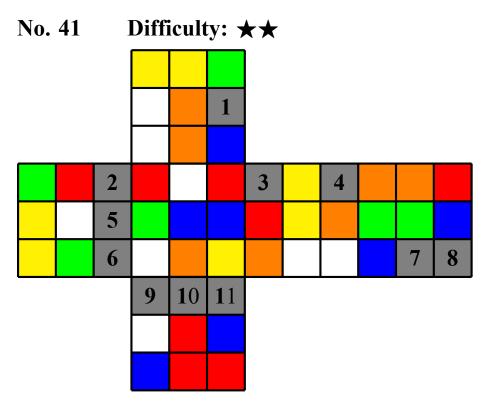
Solution 38: R' L B2 F D' F U B R2 B2 F L2 D' R2 F' L2 D' R2 D' F2 Fw' Uw



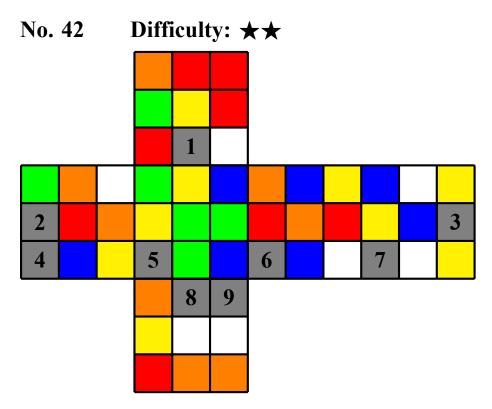
Solution 39: L' U' D' R F U2 F D2 U L R2 F L' U' B U R D' B' U2 Uw'



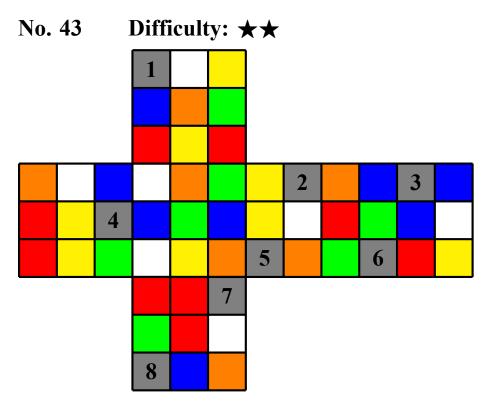
Solution 40: B2 D L B' D' L R2 B L' D U2 R U' L R' F' L' U' L F Fw' Uw2



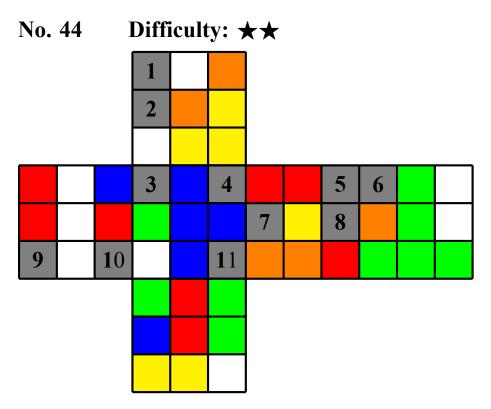
Solution 41: U2 B F' R2 D' B' L2 B' U2 F2 L' U B2 R2 D B' R' L2 D2 F' Rw' Uw'



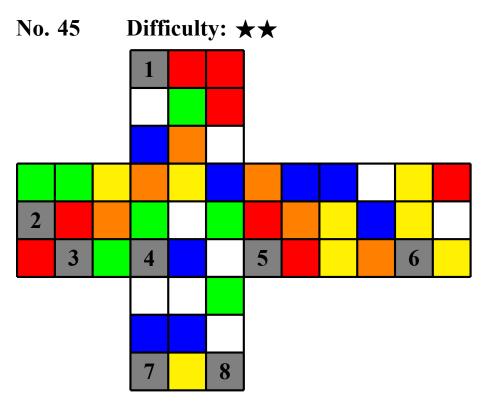
Solution 42: D2 F R2 U2 D' B' D B' F' D' R2 L' U2 L' B2 L' D2 F2 B R' Uw



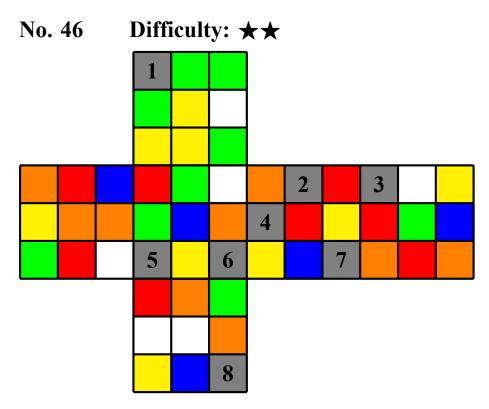
Solution 43: D F' U2 F2 L' F2 L F R2 D2 R B' D B L D2 U2 F' L2 D' Rw' Uw



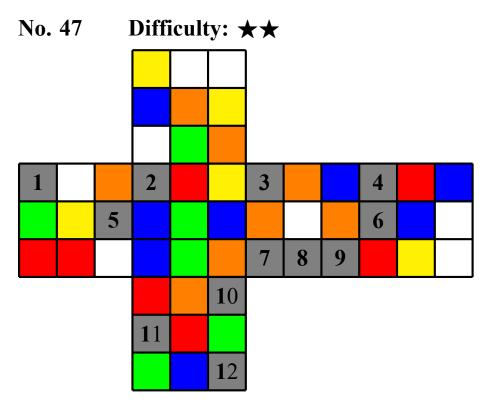
Solution 44: U L2 D2 R D2 R2 F2 R2 F' U' L F2 B2 L R2 F D B2 R L Rw' Uw'



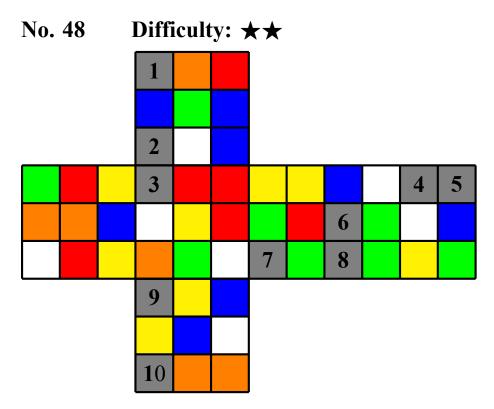
Solution 45: D2 R2 F' D B2 U R F U' B2 D2 L F2 R2 U F' L B2 F R2 Fw' Uw



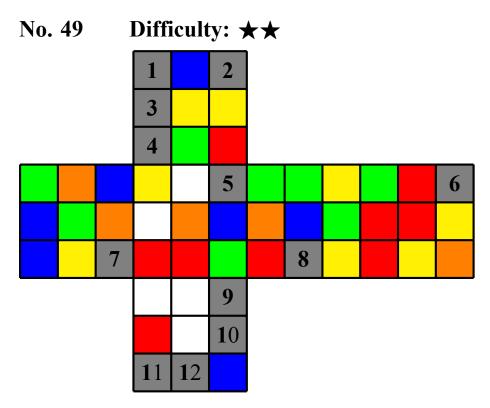
Solution 46: F' L' D' B' U' L2 D2 L2 B' F D F' L B D2 U2 R2 B' U R2 Uw'



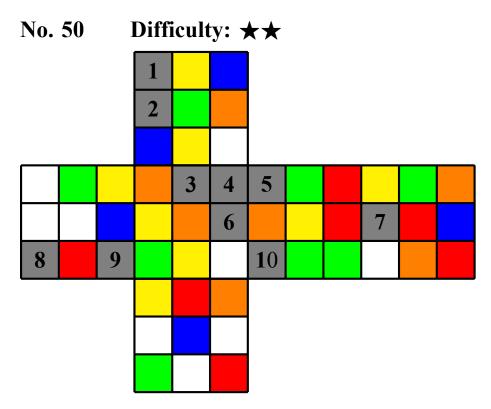
Solution 47: F' R2 L' F U' L B2 R B' F' U L2 R' F R F U2 L' F2 B2 Rw' Uw



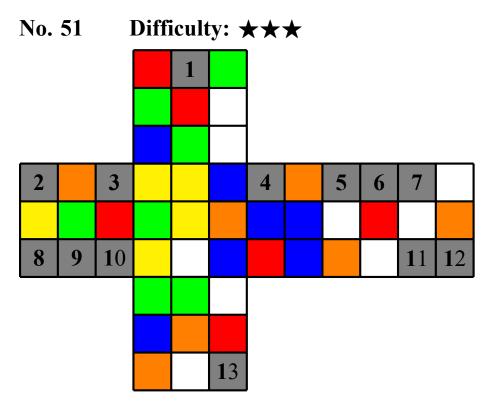
Solution 48: F U' R' U' L F R2 L2 U B' U F U' B' L R' U D' R2 B2 Fw' Uw'



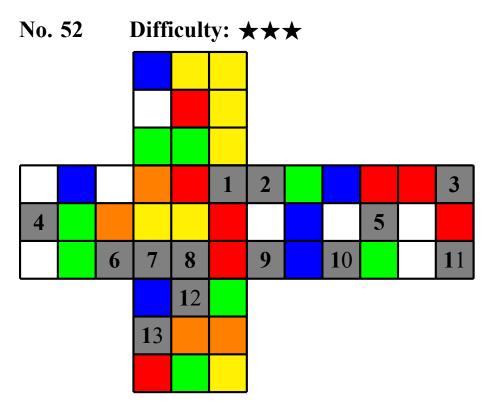
Solution 49: R' D L D U L F B2 R2 B2 L' D2 L B' L D F2 D' B2 R2 Uw2



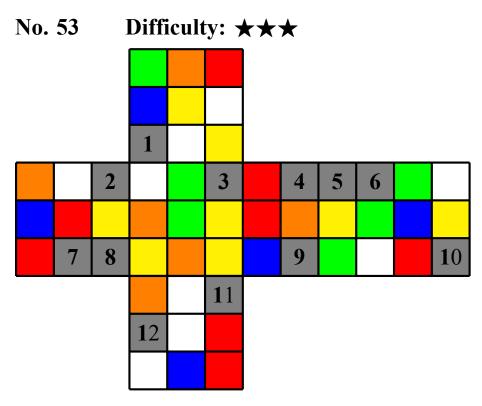
Solution 50: D U' B2 L2 F2 R' D2 F' D F2 L F' B L' F2 L U L' U2 B Fw' Uw2



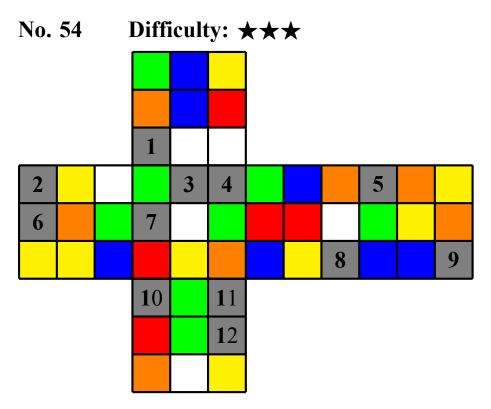
Solution 51: D2 L D2 F2 D2 R' L' B2 L' U2 D' R' U' B' L R2 F U D' L Rw Uw2



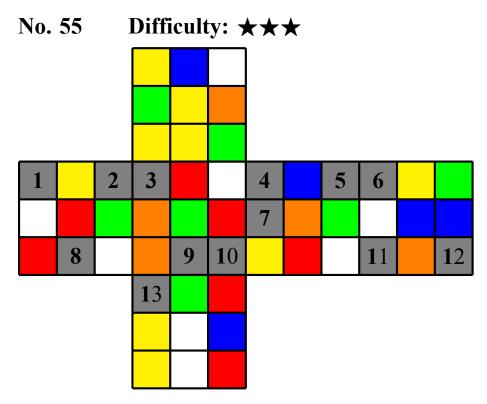
Solution 52: R B R' U' F' L2 F L R2 U R' U' D2 B' U' B' D2 B F2 D2 Rw Uw2



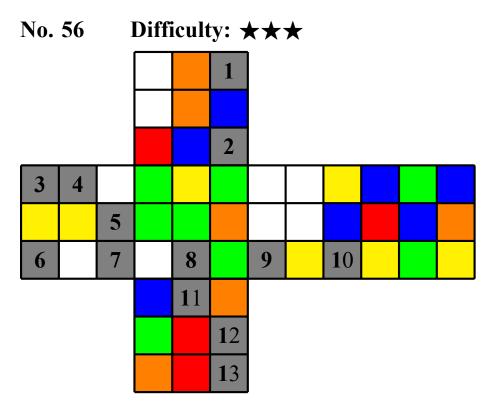
Solution 53: B' U' F' U2 D' F' U2 F' B' R D2 U' R' L D U' R B' L D Uw



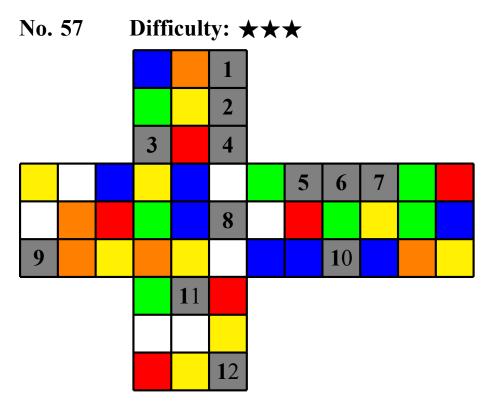
Solution 54: U L2 R' D' B F R' F' D' B' U' L' R2 B2 F R2 B R B2 F2 Fw Uw'



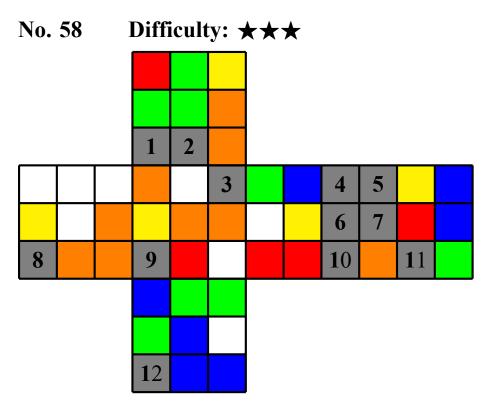
Solution 55: R2 B2 U' R2 U F R2 D2 U2 R B' U2 B' D' F B' R' U' R F Uw



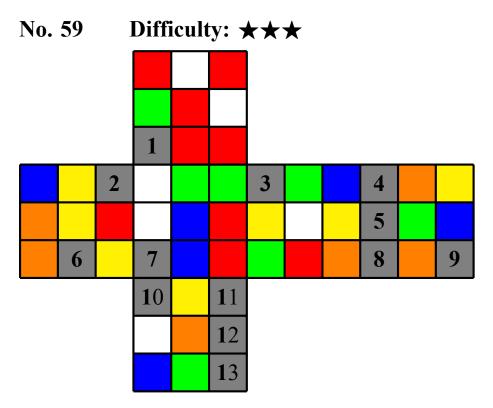
Solution 56: U D' F B' R D2 U' F L2 U2 B2 D2 L2 F B2 L' B' L2 R F' Rw' Uw



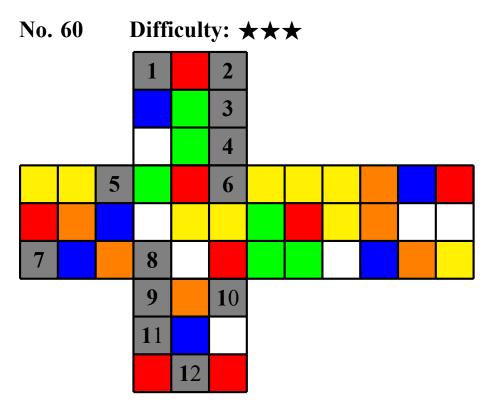
Solution 57: R' U L2 B2 R' D F2 B L D' U2 F' U' L U2 F' R2 U L U2 Uw'



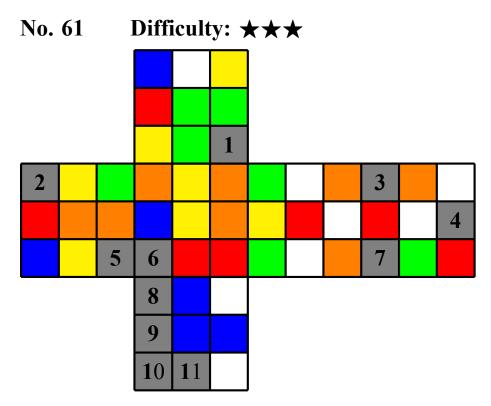
Solution 58: L' B' D2 R2 D B F' D2 R2 D' U' R2 L' F B U R' D L' U2 Fw' Uw2



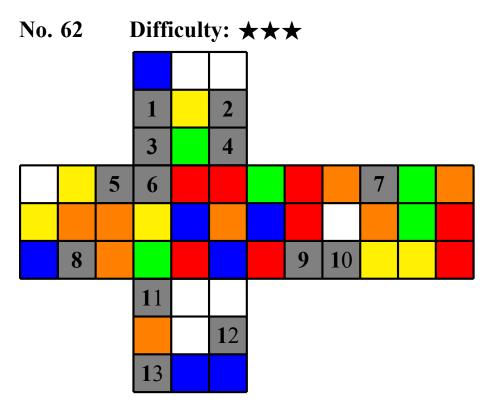
Solution 59: B' F2 D2 L R D R' U2 B F' U2 F' U' F' B2 U2 D2 B2 R F2 Rw Uw'



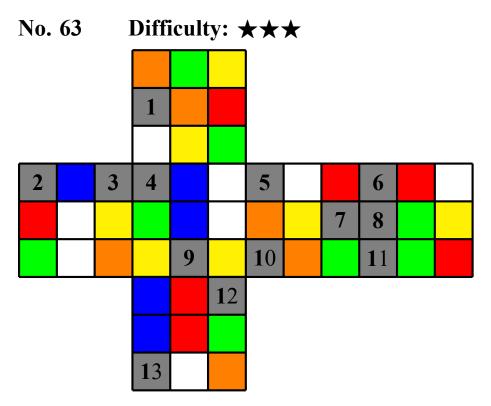
Solution 60: D B F L2 D F' R U' R U' F' L2 U' R2 B2 L' D B' L' U Fw' Uw'



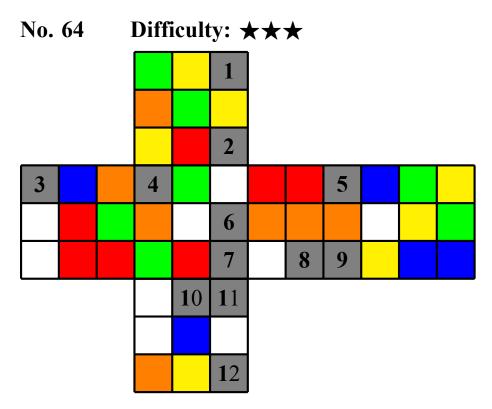
Solution 61: F2 B' R2 B2 D' U' F' U L D F' U L F2 B2 D B2 R L' B' Fw' Uw'



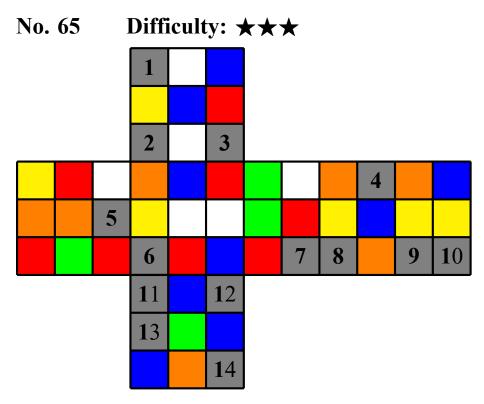
Solution 62: F' B' U B F2 U2 F L U' F2 D' B2 F2 R2 B2 D R D2 R2 U' Uw'



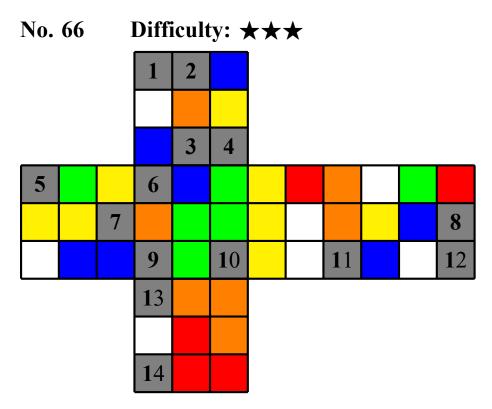
Solution 63: R B R2 D' R F L2 B' R2 D2 U2 L R2 D F' L2 U2 B' R B' Rw' Uw'



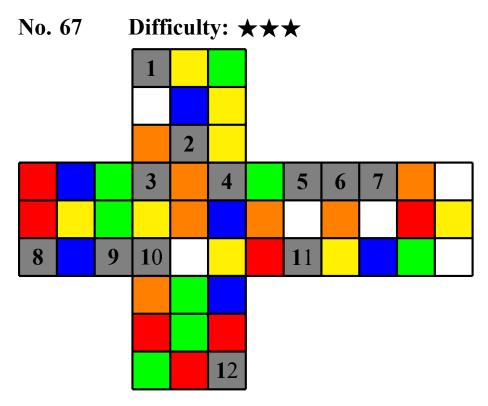
Solution 64: L2 F' D R' B2 D U F2 D' B D F' D' B U2 D2 L F L R2 Fw' Uw



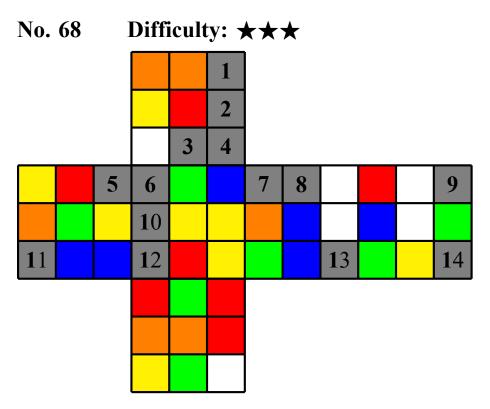
Solution 65: D B2 R' F2 B2 D2 U L' D B R2 B' D U R F' B D F' U2 Fw Uw'



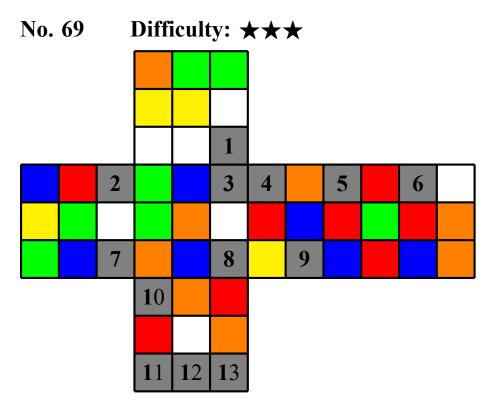
Solution 66: L2 D2 L' F' B2 U' R U2 B U2 L2 D' L' B2 U L' U L D' F2 Rw' Uw



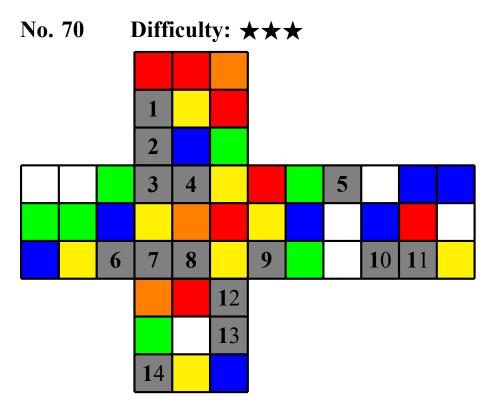
Solution 67: D' U2 F' L' B' F' L' R' B R2 F' L2 U' B' R2 L2 U D R' B2 Fw Uw2



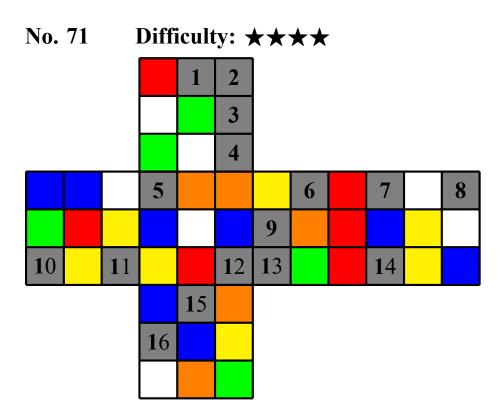
Solution 68: R' U2 L' F2 U' D' L B2 U R2 B' D L2 U' F2 L2 D U2 R F2 Rw Uw2



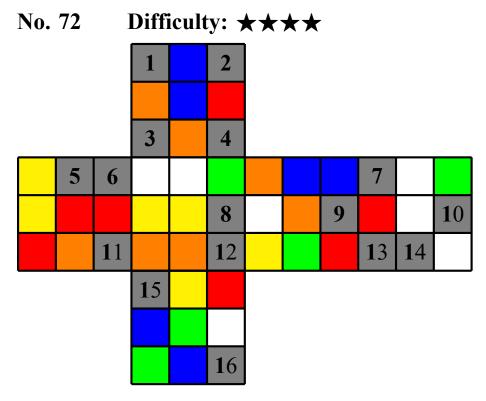
Solution 69: R F L2 D' F2 D2 U B F' L2 U' D' F' R' U2 D' F L2 B2 U Uw2



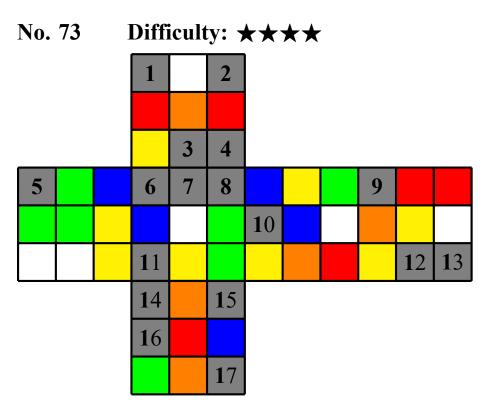
Solution 70: L2 R' B F U B2 D' B' F2 L' F2 L B' R2 D' U L2 R F' D2 Uw2



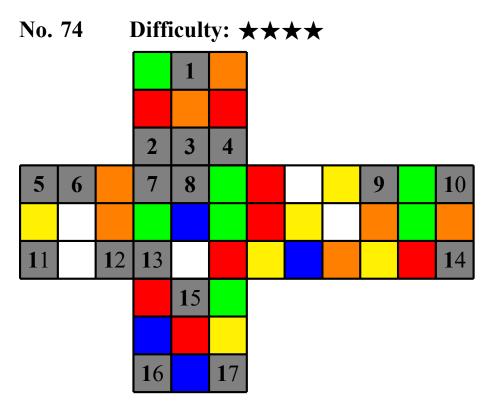
Solution 71: R2 D' B2 D2 L F' B L2 D R U2 D R D U B' F2 U B' U2 Fw' Uw



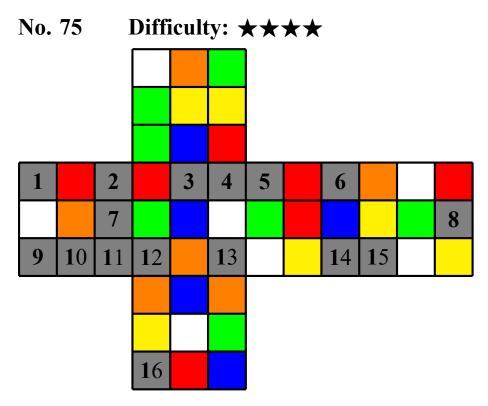
Solution 72: R2 L2 B' F' R2 D2 B U2 D B' R' D F2 D' L U B F' R B Fw Uw



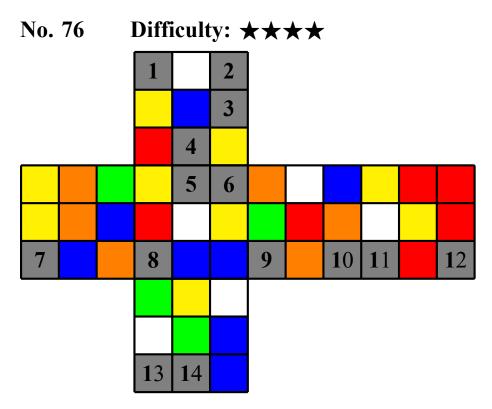
Solution 73: B L2 D F2 R F D2 L2 B2 D R U2 D2 B L D U2 L R D2 Rw' Uw2



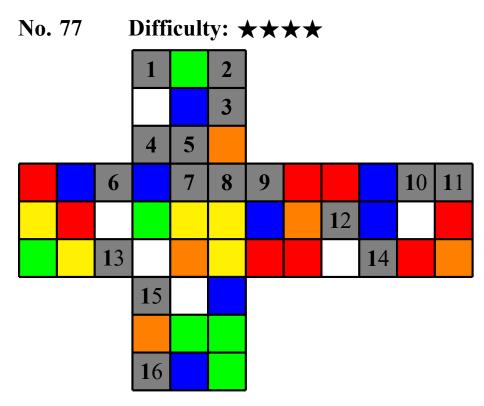
Solution 74: R2 F' D' R2 U2 F2 B2 R' U' R D' L' F2 B L D2 R D' R2 B' Rw' Uw'



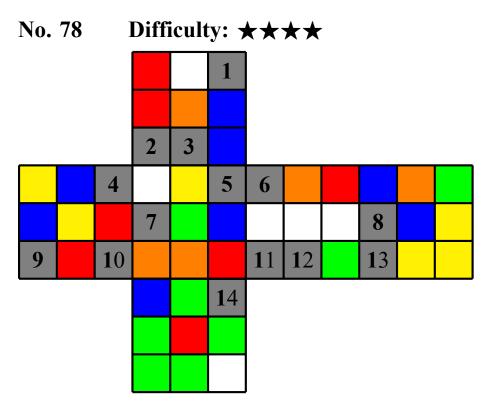
Solution 75: B2 D' R' B2 F2 U' L' F' U B2 F L2 B L2 F B' R' F B R Uw'



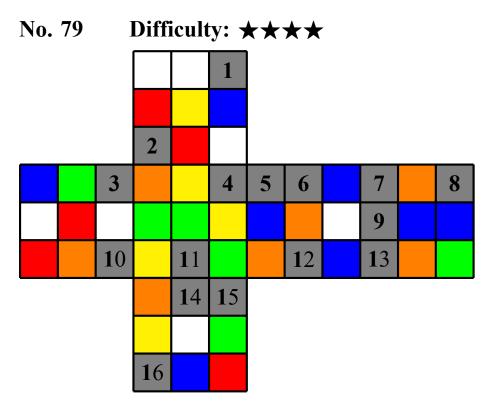
Solution 76: D2 B2 F2 R2 L' D' F B' R' L F R B L' B' D U2 B2 F' L Fw Uw'



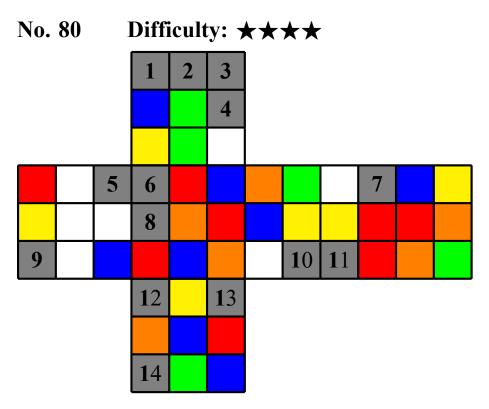
Solution 77: D R2 U2 D L2 F2 U' D2 B2 D L2 U L F D2 B2 F' R2 F B Fw Uw



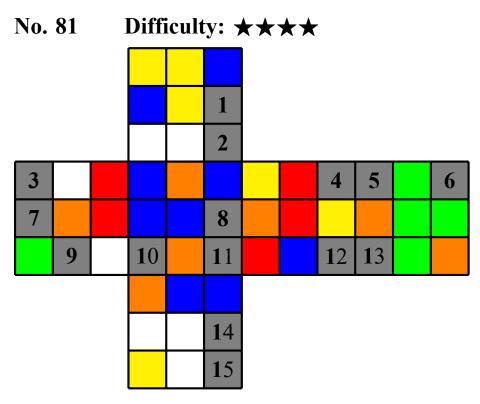
Solution 78: L2 F' B' D' R' F' L' B F' U2 D' R U2 D2 F U2 B L' B2 D Rw' Uw



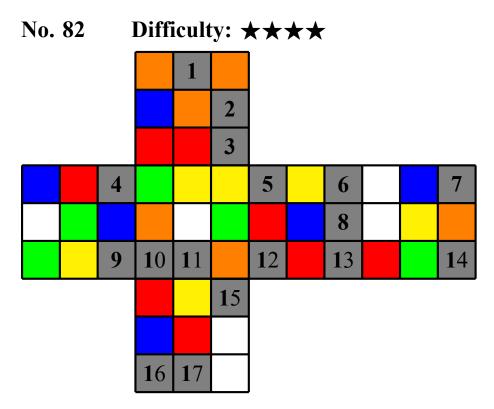
Solution 79: D2 U2 R U2 F2 B U F2 L' B' D B2 L' B' F L' R F' L2 F2 Uw



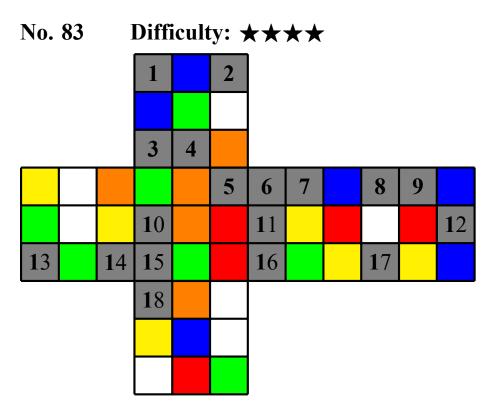
Solution 80: L' F2 D' R F2 U B F2 D2 F2 R2 L2 D' U L2 B L2 D L D' Fw' Uw2



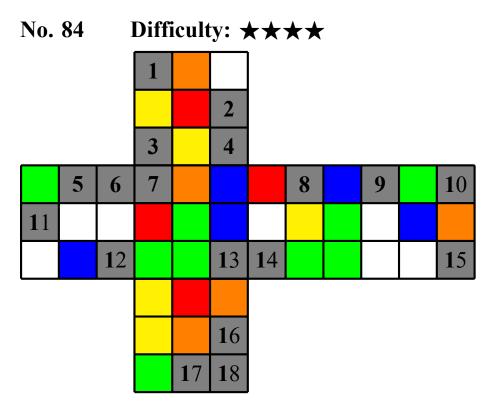
Solution 81: U2 R2 B2 L' R2 B F2 L U' B2 F' U2 R' F L' D2 R D F' L' Uw'



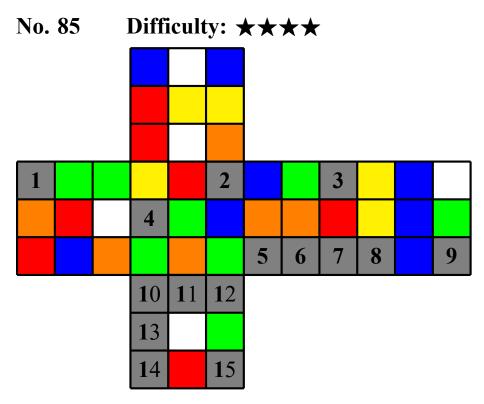
Solution 82: F2 B L' U' B' R' B D B2 R' D2 B' L2 R B2 U2 B F R' D Rw' Uw2



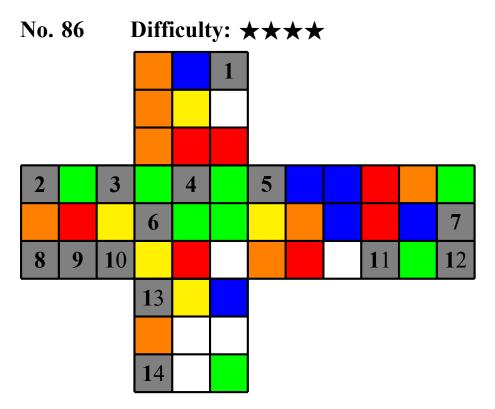
Solution 83: F2 B L' U D2 R' B F' U2 R' L F2 R2 F B L2 D2 B' D' R' Fw' Uw2



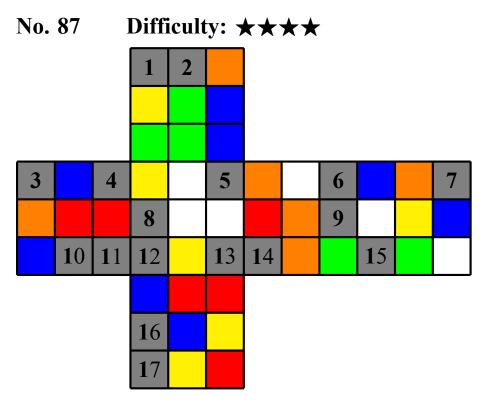
Solution 84: B' L2 B F' L2 U2 L2 F U F2 L D' U' F' B R' B' R' B2 U2 Rw Uw



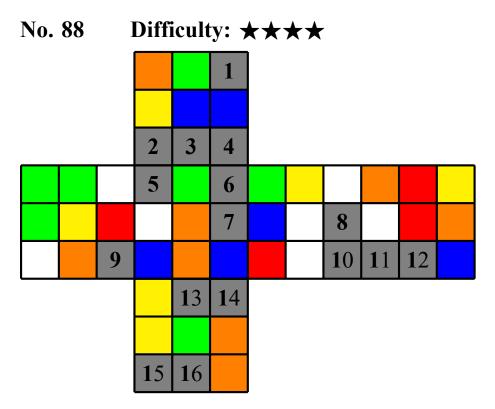
Solution 85: L B' U' F R' U' B L' R' F' D U2 R' L' U' L2 B2 R2 B U Uw



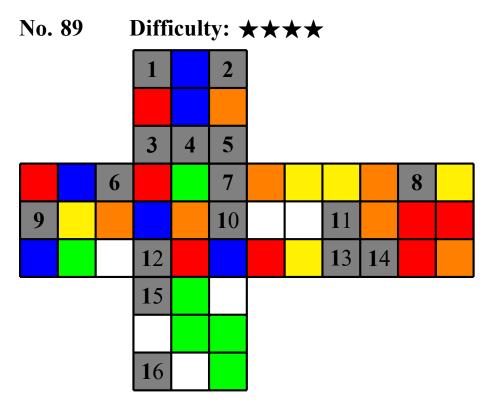
Solution 86: R B' D2 R' F2 R' F2 L U' D R' D' R' F2 L B U' B' D' L' Uw



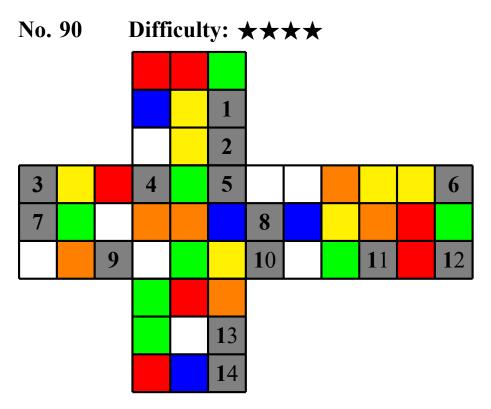
Solution 87: F2 B2 U2 D2 R' F L D' R' F B2 R2 U' L' R' U' F2 L2 B L Fw' Uw



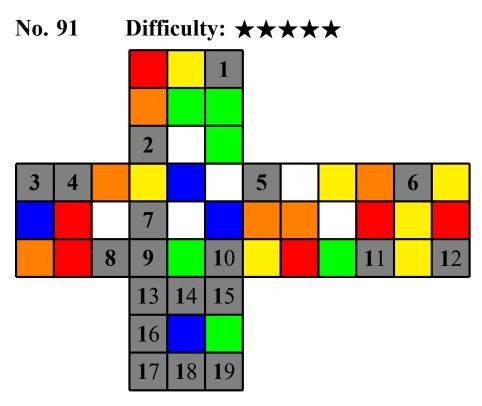
Solution 88: R' F R' L B' L B' F2 L' B' F2 R' F2 L' U' B' U2 B D2 B' Fw Uw2



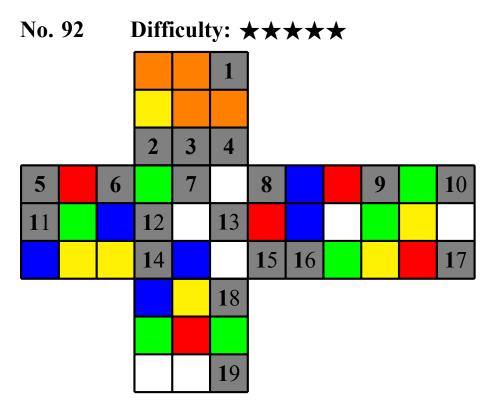
Solution 89: D2 F2 D F2 D' U B2 D' U2 L2 D2 F2 U' B U B2 D2 R F2 U' Fw Uw2



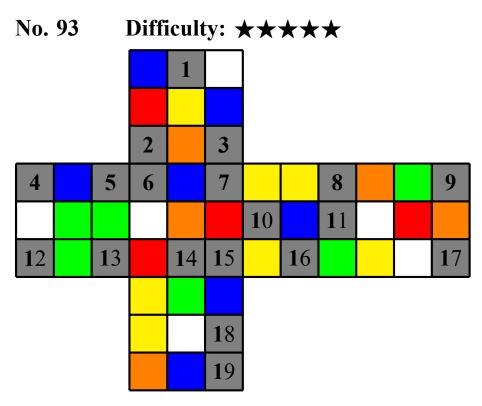
Solution 90: L2 D' U B2 R D' F L B' F2 U' D' F2 B' R2 U2 B F L R' Uw2



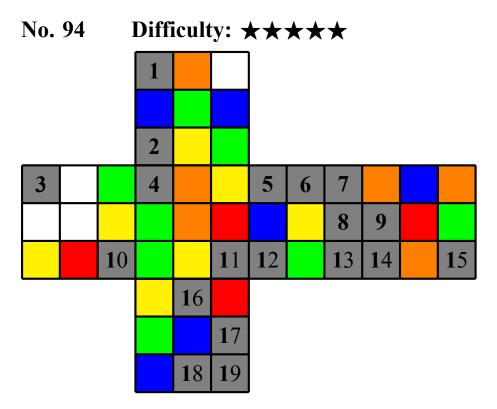
Solution 91: F D' F U B2 D2 L' D R F B' L' F U2 B2 F R2 B2 R U' Fw' Uw



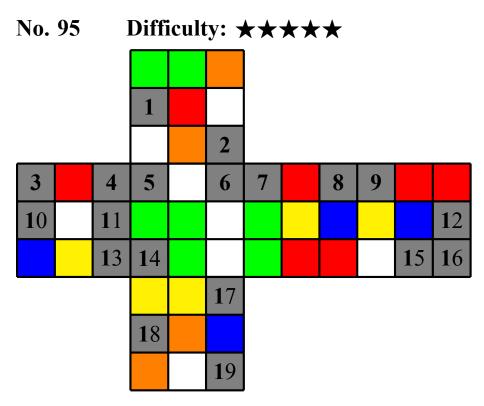
Solution 92: F' R' U2 D2 L2 D R2 F' U2 R L U' F2 L R' F' L' R2 F D' Rw' Uw2



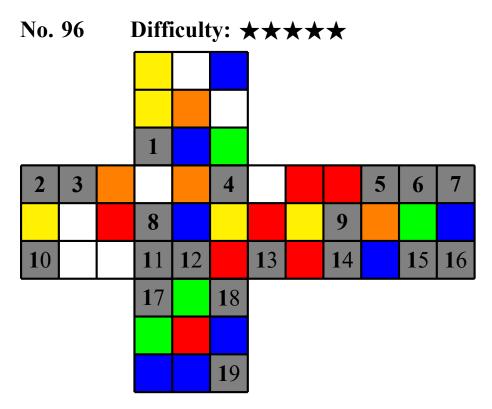
Solution 93: B2 U' D' B2 U2 R F D2 U R' L D B F' U D R2 D' F D2 Uw2



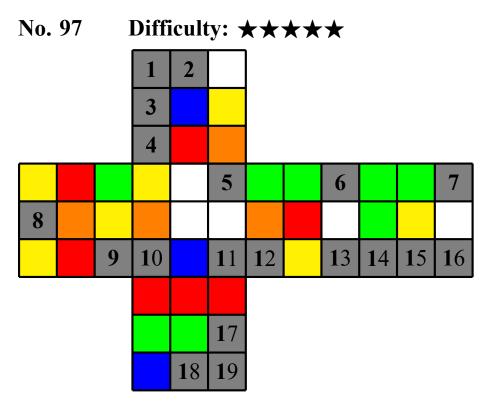
Solution 94: B2 D' F2 D F' R' F B2 D B2 L D2 L D' F U B2 F L2 U Fw' Uw2



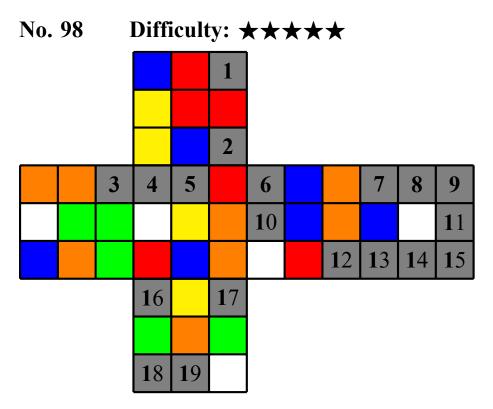
Solution 95: U L' R D' R L' B' F' L F B' U' B' D' F' U' L' F2 R' L Rw Uw



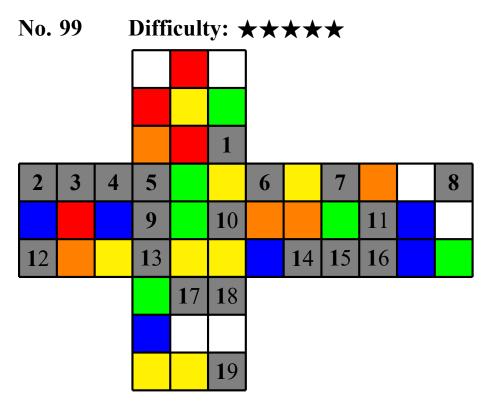
Solution 96: B2 L B2 L U2 L R U F' D' R L2 D B' L2 U' D R2 L' D2 Rw' Uw'



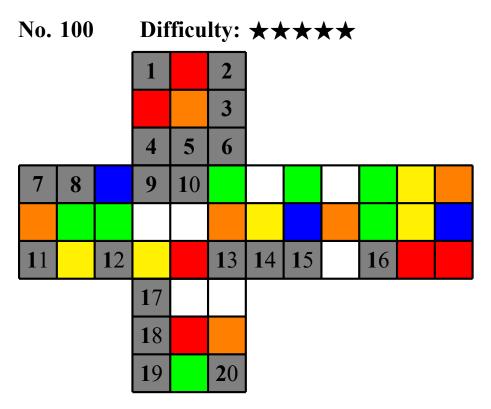
Solution 97: L' R' B' D R2 F' B R' L2 B F2 U' D' B' U' L' D2 L2 U R Fw Uw'



Solution 98: L B2 R2 L2 B' L2 F L F' R' D R' L' F2 B' U B' U2 R2 L2 Rw Uw2



Solution 99: R2 F' U L F2 R' L' F' D U2 B D L D L B' F' L2 U2 B Uw



Solution 100: D2 U2 R F' B2 D' R2 F L2 D2 R D U L2 D' R B U2 D B2 Rw' Uw2