

Diagram illustrating a sequence of moves in a 3D puzzle, showing a tree structure of nodes and edges. The nodes are labeled with sequences of moves and numbers, and the edges are labeled with pairs of numbers.

Root node: ROOT -3 5 6 -1 2 4

Left branch nodes:

- Node 1: -3 -2 1 -6 -5 4
- Node 2: -3 -2 -1 -6 -5 4
- Node 3: 5 6 -1 2 3 4
- Node 4: -3 -2 1 -6 -5 4
- Node 5: 10DUP -3 -2 -1 -6 -5 4
- Node 6: 3DRAW 5 6 4 1 2 3 4
- Node 7: 4DRAW -3 -2 -1 -6 -5 4
- Node 8: 6DRAW 5 6 8 1 2 3 4
- Node 9: 2DRAW -3 -2 -1 -6 -5 4
- Node 10: 5DRAW 5 6 1 2 3 4
- Node 11: 12DRAW -3 -2 -1 -6 -5 4
- Node 12: 16DRAW 5 6 1 2 3 4
- Node 13: 21DRAW -2 -1 -6 -5 -4 -3

Right branch nodes:

- Node 1: -2 1 -6 -5 3 4
- Node 2: 17DUP -2 -1 -6 -5 3 4
- Node 3: 20DUP 5 6 -1 2 3 4
- Node 4: 21DRAW -2 -1 -6 -5 -4 -3
- Node 5: 22DRAW -2 -1 -6 -5 -4 -3
- Node 6: 23DRAW -2 -1 -6 -5 -4 -3
- Node 7: 24DRAW -2 -1 -6 -5 -4 -3
- Node 8: 25DRAW -2 -1 -6 -5 -4 -3
- Node 9: 26DRAW -2 -1 -6 -5 -4 -3
- Node 10: 27DRAW -2 -1 -6 -5 -4 -3
- Node 11: 28DRAW -2 -1 -6 -5 -4 -3
- Node 12: 29DRAW -2 -1 -6 -5 -4 -3
- Node 13: 30DRAW -2 -1 -6 -5 -4 -3
- Node 14: 31DRAW -2 -1 -6 -5 -4 -3
- Node 15: 32DRAW -2 -1 -6 -5 -4 -3
- Node 16: 33DRAW -2 -1 -6 -5 -4 -3
- Node 17: 34DRAW -2 -1 -6 -5 -4 -3
- Node 18: 35DRAW -2 -1 -6 -5 -4 -3
- Node 19: 36DRAW -2 -1 -6 -5 -4 -3
- Node 20: 37DRAW -2 -1 -6 -5 -4 -3
- Node 21: 38DRAW -2 -1 -6 -5 -4 -3
- Node 22: 39DRAW -2 -1 -6 -5 -4 -3
- Node 23: 40DRAW -2 -1 -6 -5 -4 -3
- Node 24: 41DRAW -2 -1 -6 -5 -4 -3
- Node 25: 42DRAW -2 -1 -6 -5 -4 -3
- Node 26: 43DRAW -2 -1 -6 -5 -4 -3
- Node 27: 44DRAW -2 -1 -6 -5 -4 -3
- Node 28: 45DRAW -2 -1 -6 -5 -4 -3
- Node 29: 46DRAW -2 -1 -6 -5 -4 -3
- Node 30: 47DRAW -2 -1 -6 -5 -4 -3
- Node 31: 48DRAW -2 -1 -6 -5 -4 -3
- Node 32: 49DRAW -2 -1 -6 -5 -4 -3
- Node 33: 50DRAW -2 -1 -6 -5 -4 -3
- Node 34: 51DRAW -2 -1 -6 -5 -4 -3
- Node 35: 52DRAW -2 -1 -6 -5 -4 -3
- Node 36: 53DRAW -2 -1 -6 -5 -4 -3
- Node 37: 54DRAW -2 -1 -6 -5 -4 -3
- Node 38: 55DRAW -2 -1 -6 -5 -4 -3
- Node 39: 56DRAW -2 -1 -6 -5 -4 -3
- Node 40: 57DRAW -2 -1 -6 -5 -4 -3
- Node 41: 58DRAW -2 -1 -6 -5 -4 -3
- Node 42: 59DRAW -2 -1 -6 -5 -4 -3
- Node 43: 60DRAW -2 -1 -6 -5 -4 -3
- Node 44: 61DRAW -2 -1 -6 -5 -4 -3
- Node 45: 62DRAW -2 -1 -6 -5 -4 -3
- Node 46: 63DRAW -2 -1 -6 -5 -4 -3
- Node 47: 64DRAW -2 -1 -6 -5 -4 -3
- Node 48: 65DRAW -2 -1 -6 -5 -4 -3
- Node 49: 66DRAW -2 -1 -6 -5 -4 -3
- Node 50: 67DRAW -2 -1 -6 -5 -4 -3
- Node 51: 68DRAW -2 -1 -6 -5 -4 -3
- Node 52: 69DRAW -2 -1 -6 -5 -4 -3
- Node 53: 70DRAW -2 -1 -6 -5 -4 -3
- Node 54: 71DRAW -2 -1 -6 -5 -4 -3
- Node 55: 72DRAW -2 -1 -6 -5 -4 -3
- Node 56: 73DRAW -2 -1 -6 -5 -4 -3
- Node 57: 74DRAW -2 -1 -6 -5 -4 -3
- Node 58: 75DRAW -2 -1 -6 -5 -4 -3
- Node 59: 76DRAW -2 -1 -6 -5 -4 -3
- Node 60: 77DRAW -2 -1 -6 -5 -4 -3
- Node 61: 78DRAW -2 -1 -6 -5 -4 -3
- Node 62: 79DRAW -2 -1 -6 -5 -4 -3
- Node 63: 80DRAW -2 -1 -6 -5 -4 -3
- Node 64: 81DRAW -2 -1 -6 -5 -4 -3
- Node 65: 82DRAW -2 -1 -6 -5 -4 -3
- Node 66: 83DRAW -2 -1 -6 -5 -4 -3
- Node 67: 84DRAW -2 -1 -6 -5 -4 -3
- Node 68: 85DRAW -2 -1 -6 -5 -4 -3
- Node 69: 86DRAW -2 -1 -6 -5 -4 -3
- Node 70: 87DRAW -2 -1 -6 -5 -4 -3
- Node 71: 88DRAW -2 -1 -6 -5 -4 -3
- Node 72: 89DRAW -2 -1 -6 -5 -4 -3
- Node 73: 90DRAW -2 -1 -6 -5 -4 -3
- Node 74: 91DRAW -2 -1 -6 -5 -4 -3
- Node 75: 92DRAW -2 -1 -6 -5 -4 -3
- Node 76: 93DRAW -2 -1 -6 -5 -4 -3
- Node 77: 94DRAW -2 -1 -6 -5 -4 -3
- Node 78: 95DRAW -2 -1 -6 -5 -4 -3
- Node 79: 96DRAW -2 -1 -6 -5 -4 -3
- Node 80: 97DRAW -2 -1 -6 -5 -4 -3
- Node 81: 98DRAW -2 -1 -6 -5 -4 -3
- Node 82: 99DRAW -2 -1 -6 -5 -4 -3
- Node 83: 100DRAW -2 -1 -6 -5 -4 -3