

The diagram illustrates a sequence of operations on a set of elements, represented by a tree structure. The root node is labeled $-1 \ -6 \ -4 \ 5 \ 2 \ 3$. It branches into three nodes: $\text{ROOT} \ -1 \ -6 \ -4 \ 5 \ -2 \ 3$, $41\text{DUP} \ -1 \ -6 \ -5 \ 4 \ 2 \ 3$, and $48\text{DUP} \ -1 \ -6 \ 4 \ 5 \ 2 \ 3$. Each node further branches into two nodes, creating a binary tree structure. The edges are labeled with blue numbers indicating the operation performed. The final row shows a long sequence of nodes, each with a unique label and two outgoing edges.