Binary Tree

parent — 50 — root node

left child — right child — child nodes ≤ 2

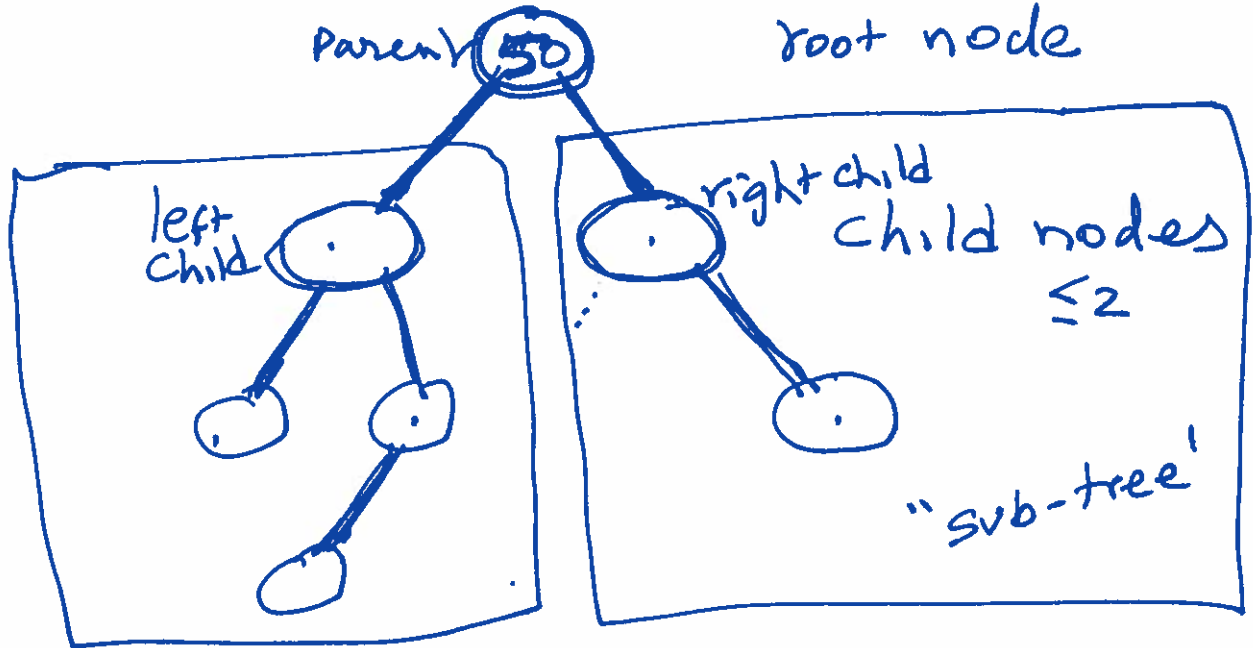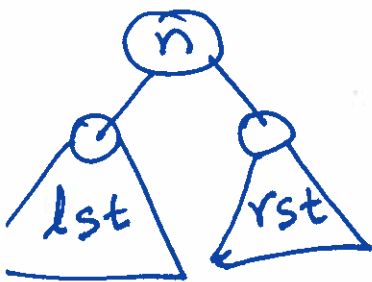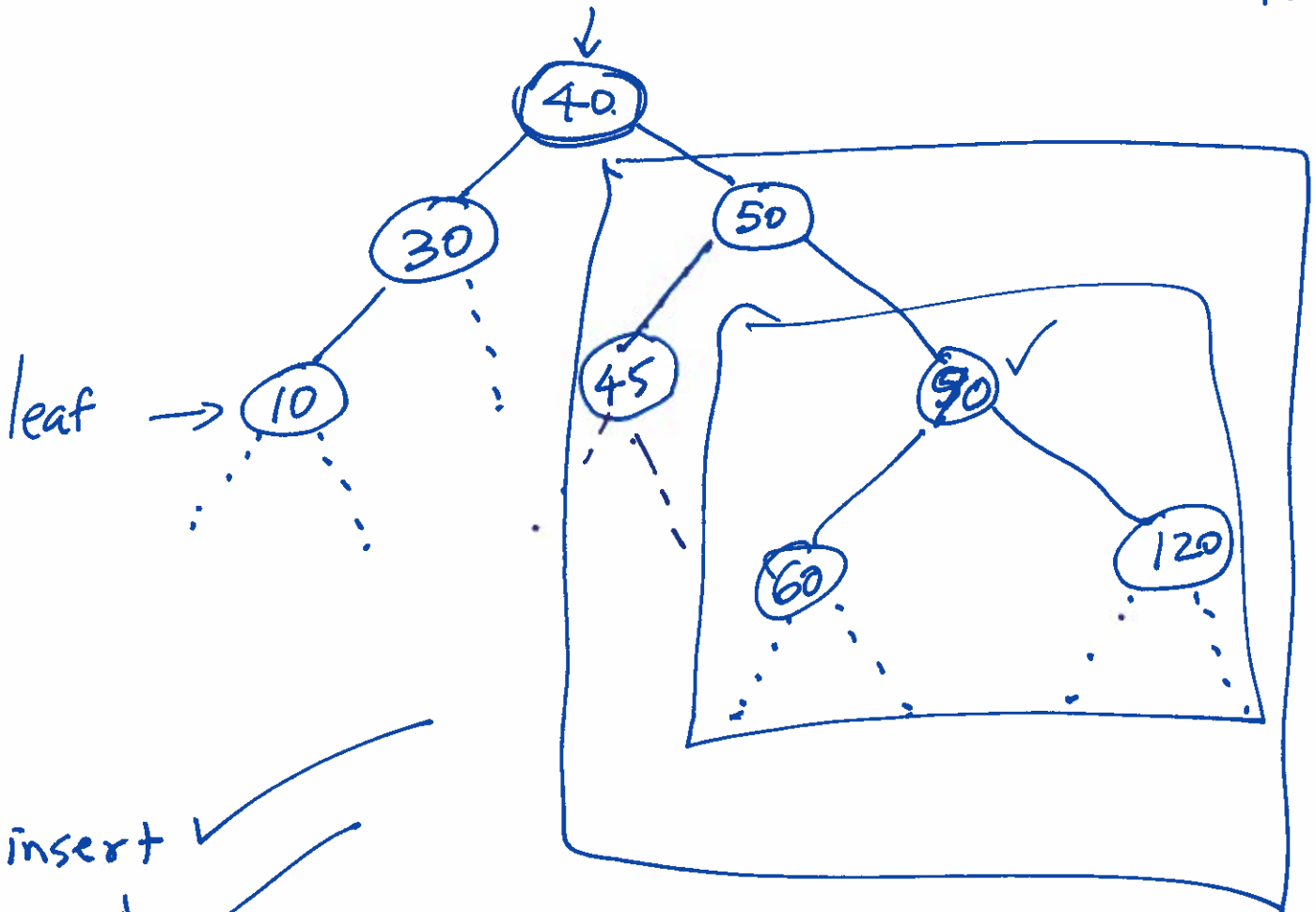"sub-tree"

Binary Search Tree

n
lst   rst

✓ all nodes in the left subtree have values less than n

✓ all nodes in the right subtree have values greater than n

BST for { 40, 50, 30, 10, 90, 120, 60 }
45

leaf →

insert ✓
find ✓
delete ??

leaf node   remove node and reset
              parent's left/right child

node with   left   right
one child   remove node;
            and reset   Similar
            parent's left/right child

empty tree ?

None