1. Postorder would work best. Since an expression has a format like 3 + 3 = 9, then we would need to have a *leaf node* followed by a *root node* followed by another *leaf node* to make a valid expression. Postorder traversal follows this ordering.
2. Breadth first would work best. You want to respect the rank of the tree, or the level of the nodes, so with a conditional characteristic in hand you can traverse through a specific level to look for a person of that rank level with the given characteristic.
3. Preorder would work best. Since you want to ensure local root nodes are linked to their children and so on, it is best to travel through the tree to the lowest node and then work back up while visiting the other child nodes after the parent node.