A simple unordered tree; in this diagram, the node labeled 7 has two children, labeled 2 and 6, and one parent, labeled 2. The root node, at the top, has no parent.

Root: The top node in a tree.

Child: A node directly connected to another node when moving away from the Root.

Parent: The converse notion of a child.

Siblings: A group of nodes with the same parent.

Descendant: A node reachable by repeated proceeding from parent to child.

Ancestor: A node reachable by repeated proceeding from child to parent.

Leaf: (less commonly called External node) A node with no children.

Branch: (Internal node) A node with at least one child.

Degree: The number of sub trees of a node.

Edge: The connection between one node and another.

Path: A sequence of nodes and edges connecting a node with a descendant.

Level: The level of a node is defined by 1 + (the number of connections between the node and the root).

Height of node: The height of a node is the number of edges on the longest path between that node and a leaf.

Height of tree: The height of a tree is the height of its root node.

Depth: The depth of a node is the number of edges from the tree's root node to the node.

Forest: A forest is a set of $n \ge 0$ disjoint trees