Depth and Height

A diagram of a diagram

Description automatically generated

1. Depth increases as we go down.
   1. Depth of the root = 0
   2. Depth of nodes 3 and 8 = 3
   3. This can also be calculated by counting the number of edges.
2. Height increases as we go up.
   1. Height of leaf nodes = 0
      1. Nodes 3, 8, 21, 4
   2. Height of root = 3
   3. Formula = 1 + max(height(L), height(R))