



FIGURE 5.8. Rooting a tree. (A) Unrooted phylogenetic tree. (B) Identification of the position of the root of a tree. (C) Redrawing the tree in B to now include the root. In this case, with the root on the branch leading to Tip 1, Tip 2 and Tip 3 are more closely related to each other than either is to Tip 1. Other placements of the root would lead to different conclusions about the relationships among the tips.