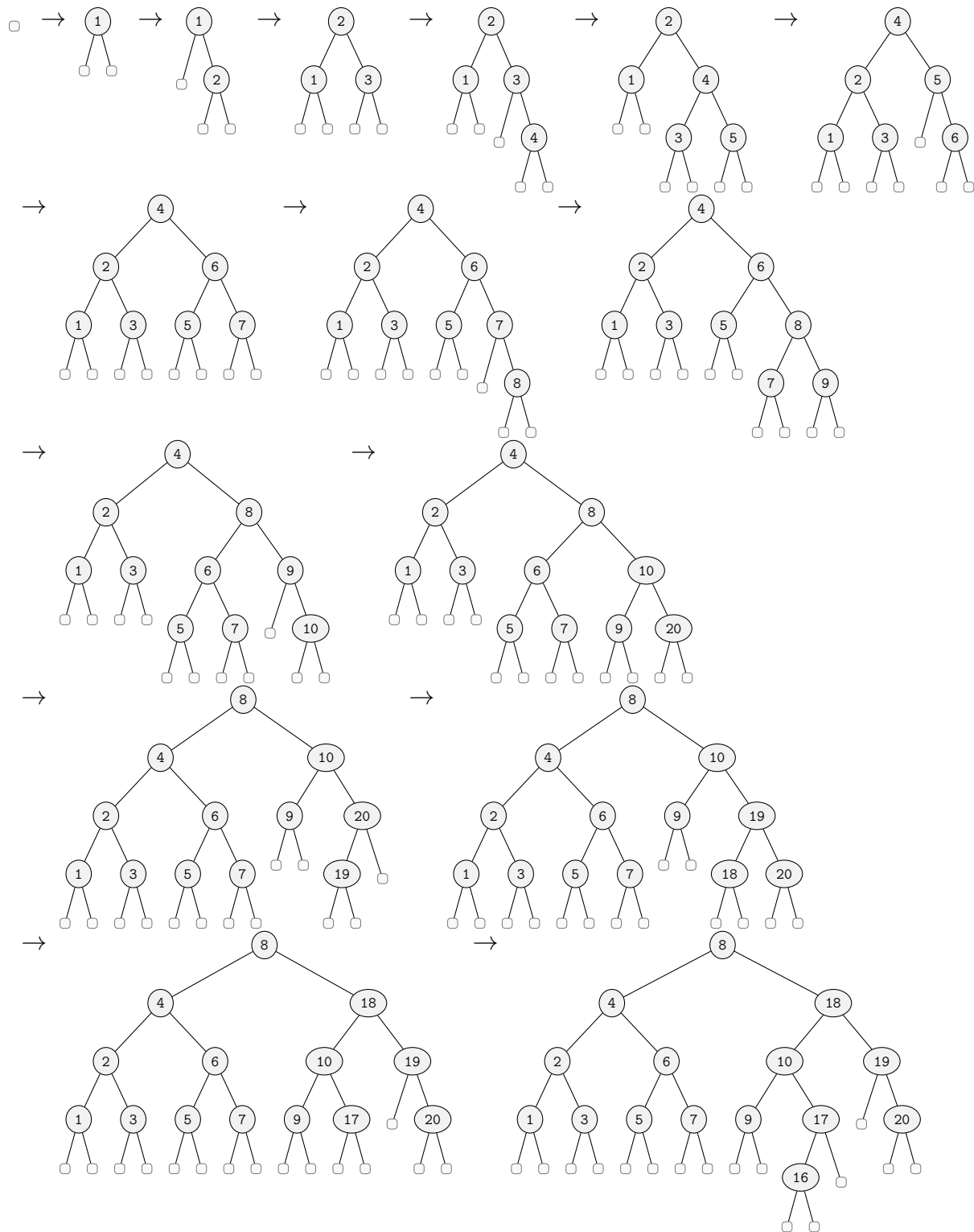
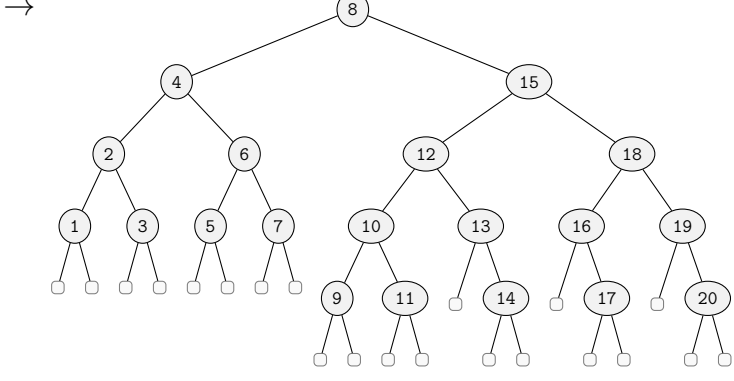
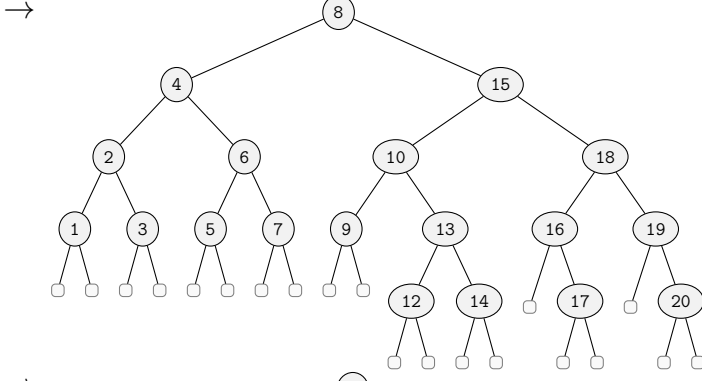
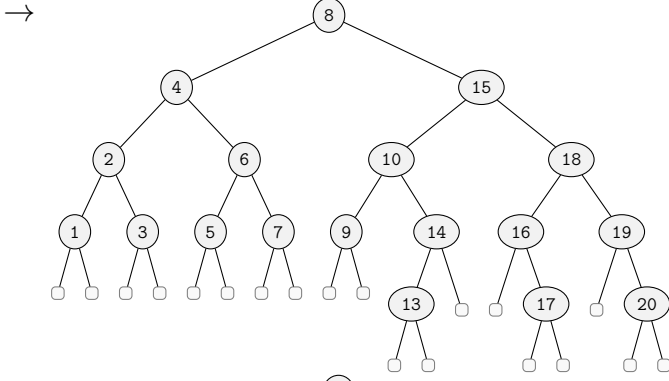
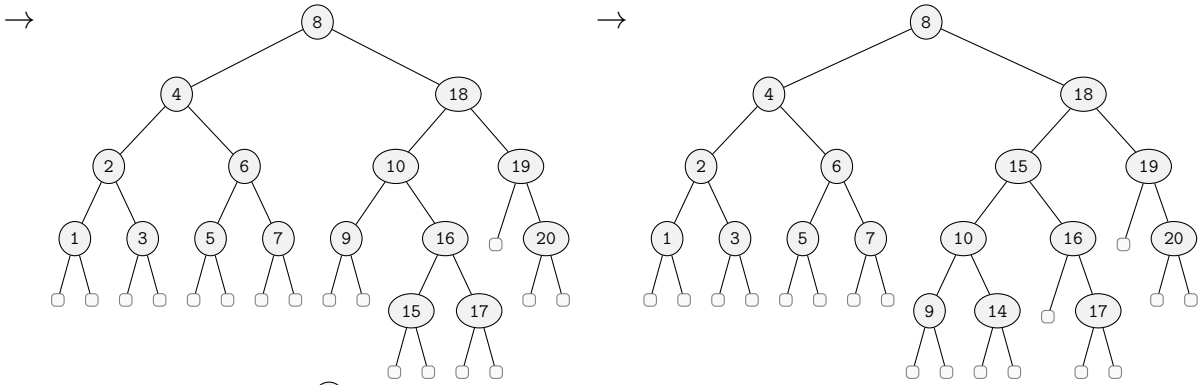


Following is the sequence of AVL trees resulting from inserting the keys 1, 2, ..., 10, 20, 19, ..., 11 into the empty tree.





**Exercise:** Determine which of the insertions required a rotation. Draw the intermediate tree prior to that rotation, mark the root of the rotated subtree, and indicate the kind of rotation (left or right, single or double).