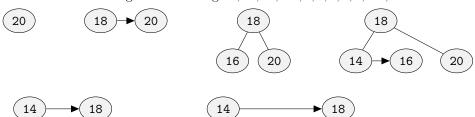
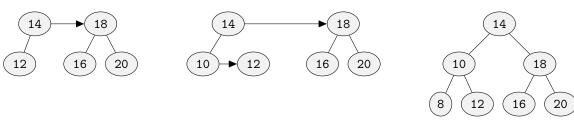
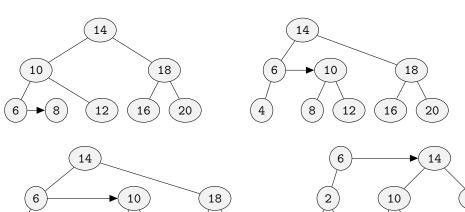
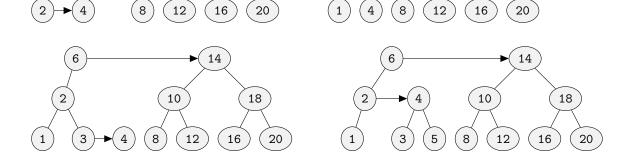
18

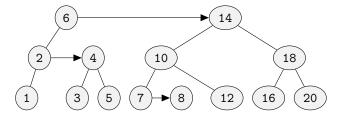
Sequence of AA trees resulting from inserting $20, 18, 16, \dots, 4, 2, 1, 3, 5, \dots, 19$ into the empty tree:

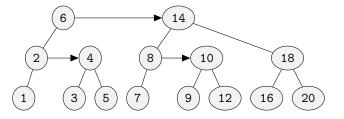


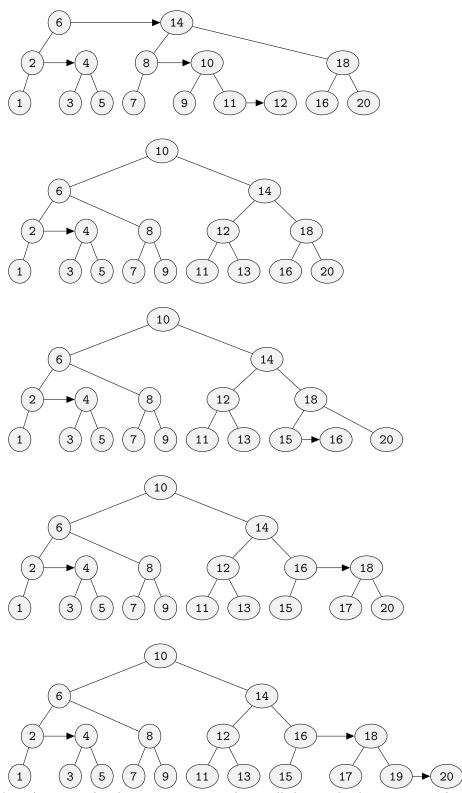












Exercise: Annotate the above sequence to indicate all skew and split operations that occurred. Draw the intermediate trees for each operation.