CS261
Quiz

Last Name: ______________________  First Name: ______________________

1. Show the tree that results from adding the following numbers, in the order given, to an AVL tree. Please show the tree that results after each insertion and necessary rotations. [32, 20, 60, 50, 70, 80, 75] (10 pts)

2. Show the heap, in tree form, that results from adding the following numbers, in the order given, to a Min-Heap implementation of the Priority Queue ADT. Please show the tree that results after each insertion. [68, 100, 10, 42, 70, 56] (6 pts)

[ QUESTION #3 ON THE BACK]
3. Show the heap that results from executing removeMin() on the Min-Heap shown below. (2pts)