

1. (1 pt.)

- This *quick check* is **closed book, notes, etc.**
- Use the **classroom and textbook conventions** and terminology.

Read the above carefully; then write your name below:

2. (2 pts.) The AA-trees paper¹ refers to *symmetric binary B-trees*. What is the alternate, more commonly used, name for those trees (that is also mentioned in the paper)?

3. (4 pts.) Provide the conventional names of the two tree-restructuring operations used by AA-trees. (Hint: They both begin with a curvy letter.)

4. (3 pts.) Fill in the blanks as precisely as possible:

- As described in the AA-tree paper, edges inside pseudo-nodes are _____ and edges between pseudo-nodes are _____
- In the textbook's description of AA-trees, the *level of a node* represents _____

¹Arne Andersson, "Balanced Search Trees Made Simple," in *Proceedings of the Workshop on Algorithms and Data Structures* (Montreal, Canada, 1993).