

**Quiz 3 Solutions**

Quiz 3 was given in class on Wednesday, September 30, 2009.

1. [3 pts] According to the reading, what two factors contribute to the inefficiency of some recursive solutions?

**First Factor:**

The overhead associated with function calls.

**Second Factor:**

The inherent inefficiency of some recursive algorithms.

2. [2 pts] What is "tail recursion"?

When the recursive call is the last action the function takes.