CIS 121 - Quiz 11 - Wednesday, July 16, 2003

Name: _______________________________ StudentNumber: __________________________

1. (2 pts) What are three properties of a well-defined recursive method?

2. (2 pts) The Vector class is found in the ________________ package, and in order to remove the last element of a Vector, v, we would use the code v.______________(______________).

3. (2 pts) Suppose we are implementing a Queue with a Vector, v, and wish to add new elements at the beginning of the Vector. Fill in the following method.

   public void enqueue(Object o) {

   }

4. (2 pts) A Stack is referred to as a ________________ data structure since the first element in the Stack is the last element to be removed from the Stack.

5. (2 pts) To build a linked list, we create a ________________ structure which is a class definition which contains an instance variable whose type is the class.