

Name: \_\_\_\_\_

## Quiz 1

Foundations of Computer Science  
Fall 2007

1. Draw a box and arrow diagram that represents the value of the following expression:

```
(cons (list 1 2 3)
      (cons '()
            4))
```

2. Write a function called `merge` that takes two lists of integers, sorted from low to high, and returns a list that contains all the elements from both lists, sorted from low to high.