# Review: Simple Statistics

**TOTAL POINTS 3**

1. Which Python library contains the "defaultdict" structure?

**1 / 1 point**

○ datastructures

◉ collections

○ containers

○ dictionaries

✓ **Correct**
*Correct!*

2. How do you get the number of items in a list?

**1 / 1 point**

○ list.length()

◉ len(list)

○ Lists.length(list)

✓ **Correct**

3. The following example is from Python's defaultdict documentation.

**1 / 1 point**

```
1   from collections import defaultdict
2
3   s = 'mississippi'
4   d = defaultdict(int)
5   for k in s:
6       d[k] += 1
7
8   print(d.items())
9   # Output: dict_items([('m', 1), ('i', 4), ('s', 4), ('p', 2)])
```

Run

Reset

What would be the output of **d['p']**?

○ 4

○ 3

◉ 2

○ 1

✓ **Correct**

*Correct! The character is the key in this defaultdict, and 2 is its value. In this case, the values of the defaultdict correspond to the number of times each key appears in the word.*