Skittles Quality Control

It seems that recently the Mars Company (makers of Skittles) has received complaints from customers. The customers are complaining that the weight of skittles in the bag is less than the advertised amount on the package. They have also complained that they did not receive a good mix of flavors in the bag. Mars, Inc. takes these complaints VERY seriously. Quality control is crucial to the survival of the Skittles brand.

Mars, Inc. President and CEO, Paul S. Michaels, has decided to outsource a quality review of Skittles packages. He has hired MVTHS Business Consulting, Inc. to review the two key components mentioned in the customer complaints.

1. What is the actual weight of Skittles being packaged in an average bag?
2. What is the actual flavor distribution in an average package of Skittles?

Mr. Michaels will be presenting our findings to his board of directors on Thursday, November 19 and needs to review the results before his meeting. He would like to have the results of our analysis by the end of business on Tuesday, November 17.

Analysis Requirements

- Determine the average weight of a 2.17 oz bag of skittles
- Determine the average flavor mix of a 2.17 oz bag of skittles
- Present a one page table and pie chart using Microsoft Excel that shows the results of your testing.
- Present a one half page, typed summary of the test findings.