**Data and Chance notes**
**Chapters 10 and 11**

Below are terms from the readings. Write definitions and examples in the spaces provided. Answer the questions where indicated.

**Chapter 10: Graphs: Good and bad**

Distribution of a variable:

Pie charts show how a whole is divided into parts. Give an example of a pie chart from the book.

Pictograms are usually misleading. Why?

How do the scales of the axes affect a line graph's message? Give an example of two line graphs displaying the same information but with different messages.

**Chapter 11: Displaying distributions with graphs**

Which displays more data: a histogram or a stemplot? (One displays each individual measurement, the other groups many measurements together into classes.)

Center and spread of data:




Outlier:




Shape of a distribution (Symmetric or skewed):