

Worksheet 4

Question#1

The following data are the distances between 20 retail stores and a large distribution center. The distances are in miles. 29; 37; 38; 40; 58; 67; 68; 69; 76; 86; 87; 95; 96; 96; 99; 106; 112; 127; 145; 150 69.

Use a graphing calculator or computer to find the standard deviation and round to the nearest tenth.

Question#2

- a) Which is the greatest, the mean, the mode, or the median of the data set? 11; 11; 12; 12; 12; 12; 13; 15; 17; 22; 22 66.
- b) Which is the least, the mean, the mode, and the median of the data set? 56; 56; 56; 58; 59; 60; 62; 64; 64; 65; 67

Question#3

Find the standard deviation for the following frequency tables using the formula.

Points per Game	Frequency
49.5–59.5	14
59.5–69.5	32
69.5–79.5	15
79.5–89.5	23
89.5–99.5	2