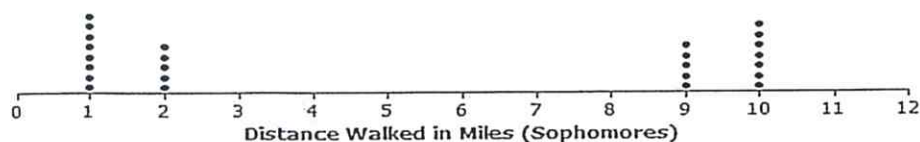
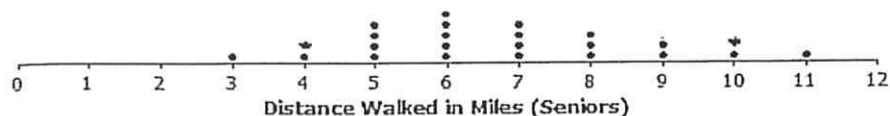
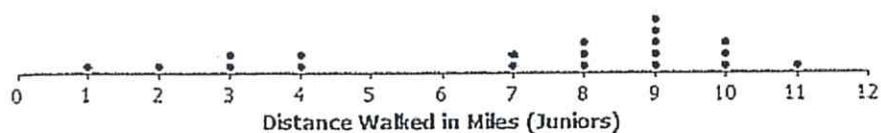


The distance walked for classes of 20 students that participated in a walkathon are shown below.



6. Which class tended to have the highest typical distance walked? Explain your choice.
7. Without calculations, which class has the highest variability? Explain your choice.
8. Which measure of variability would you use to describe the Junior class, standard deviation or IQR?
 - a. Explain your choice.
 - b. Find the appropriate measure.
9. Which measure of variability would you use to describe the Senior class, standard deviation or IQR?
 - a. Explain your choice.
 - b. Find the appropriate measure.
10. What are the mean and median of data sets used to compare?
11. What are the IQR and Standard Deviation of data sets used to compare?
12. Find the standard deviation of the data set by hand. Round to the nearest thousandth.

62, 37, 48, 67, 44, 58, 47, 47