## Class Activity

Determine the Appropriate Measures. For each of the following data scenarios, decide which measure of center (mean or median) and which measure of spread (standard deviation or Ol

_	tile range) would be most appropriate. In each case, indicate if the <b>median</b> is greater an the <b>mean</b> , or if they will be roughly the same.
	aries of employees in a tech company where a few high-level executives earn significantly re than the rest.
2. The	e height of plants grown in a controlled environment with consistent conditions.
3. Age	es of participants in a marathon where both young and old individuals participate.
	ces of houses in a neighborhood where most houses are similarly priced but a few are remely expensive.
5. Exa	am scores in a class where all students perform consistently with only a few outliers.
	ne taken by different computers to run a specific program where all computers are of same model and configuration.
	e weight of apples picked from an orchard where some trees produce significantly aller apples.

8. The number of books read by students in a class over summer vacation, where a few

students read many books while others read none.

- 9. Monthly rainfall in a city that experiences consistent rainfall throughout the year.
- 10. The number of daily visitors to a website which often experiences sudden spikes in traffic.

For the following two graphs, identify whether it is a good data visualization or a misleading one. Also comment your observations on the graphs.



