

Name

10.5 Ext

## Analyze Data Distribution

Alg I

I can choose an appropriate display, measure of central tendency and measure of spread based on the shape of a data distribution.

### Data Closely Grouped Together:

- Use a histogram
- Measure of Central Tendency: Mean
- Measure of Spread: Standard Deviation

### Data that is Spread Out:

- Use a Box-and-whisker Plot
- Measure of Central Tendency: Mean
- Measure of Spread: Interquartile Range

Ch. 10 Quiz

Ch. 9/10  
Test

### Example 1/2:

- 1) Closely Grouped: Histogram
- 2) 3 very large values: Box-and-whisker
- 3) Closely Grouped: Histogram
- 4) 1 very small value: Box-and-whisker
- 5) Closely Grouped: Histogram
- 6) Closely Grouped: Histogram