

Key

Day 1 Notes – Data Distributions

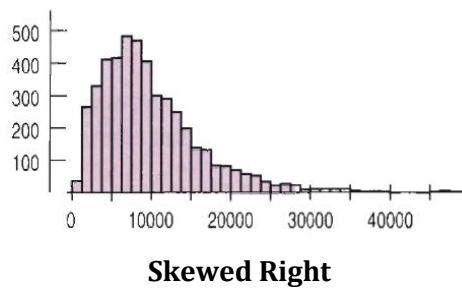
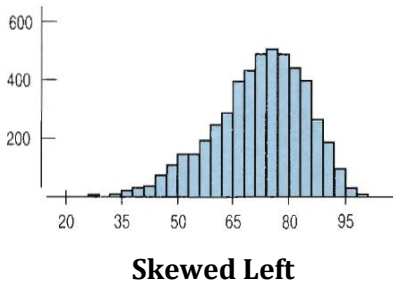
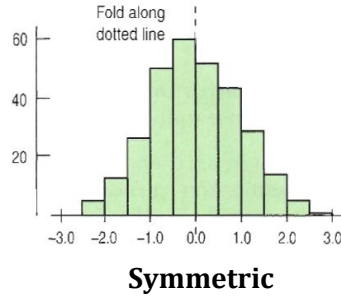
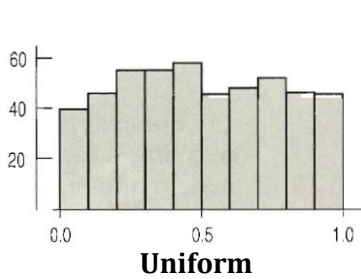
Let's construct class HISTOGRAMS With Post-Its ☺



* data will vary by class

Data	Shape:	Range:
Class Height		
Class Ages		
Number of Siblings		

4 Main Histogram Shapes



What types of data might be:

- a. Skewed Left?
ages of death
- b. Skewed Right
of detentions each student has had
- c. Symmetrical?
test grades

Other Histogram Shapes: Sometimes a histogram has a single, central, or several different peaks. These peaks are called: modes

Mode is: the most repeated #

A histogram with:

1 peak: unimodal

2 peaks: bimodal

3+ Peaks: multimodal

When might we see a **bimodal distribution**?

→ 2 modes
often when we have 2 major populations (male + female)

Example:

