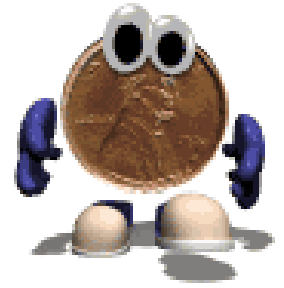


## AP Stats – Chap 3

### Penny Weights



Choose four pennies out of the bag.

Weigh your four “chosen” pennies (individually) on the scale to **two** decimal places. **In your notes**, record the years and the weights. **On the board**, record ONLY the weights.

1. You wish to analyze the distribution of the weights of the pennies. On a sheet of graph paper, construct an appropriate display of the data.

2. On the computer, type your analysis. Remember, shape-center-spread!

## AP Stats – Chap 3

### Data Sheet #1

3. Using the Data Sheet, you wish to analyze the distribution of **heights by gender**. What type of display will you choose? Why?

As part of your typed analysis, copy and paste the display that Fathom makes for you.

Using variables **other than** height and gender, investigate the Fathom software.

4. Construct several displays jumping from one combination of data to another.

Switch types of displays to see how they differ.

5. How can you incorporate a third variable into a display? What does it do?