|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| **New Objectives** (Pages 44 – 55 in Chapter 3, *Exploring Quantitative Data*) |
| * Use your TI-84 graphing calculator to make a histogram when given a set of univariate data.
 |
| * Know how to properly label your histogram.
 |
| * Categorize your histogram as being symmetric, nearly symmetric, left-skewed, or right skewed, or uniform.
 |
| * Interpret your histogram.
 |
| * Create/interpret a stem-and-leaf display.
 |
| * Find the mean, median, and mode of univariate data.
 |
| * Describe a distribution’s shape as being symmetric, uniform, left-skewed, or right-skewed.
 |

***TUESDAY (9.10.24*)** **Discuss this previously assigned homework:**Use the data given in #24 on page 81 to do the following:* construct a stem-and-leaf display
* create a histogram with 5 bins, **using your TI-84 graphing calculator**
* find the mean, median, and mode

**Test: Chapters 1 and 2. You may use your notes.****Homework:** Read and take notes on pages 50 – 55.***THURSDAY (9.12.24*)** **Discuss** pages 50 – 55.**Class Work/Homework:*** Use the following data and your TI-84 graphing calculator
1. to create a histogram for the following data:

 **Commuter Miles for 15 People at GTCHS**

|  |  |  |
| --- | --- | --- |
| 26. | 15 | 11 |
| 18 | 10 | 15 |
| 33 | 34 | 19 |
| 4 | 36 | 8 |
| 1 | 22 | 12 |

(2) to construct a stem-and-leaf display of this data.(3) to find the mean, median, and mode of this data.***FRIDAY (9.13.24*)** **Discuss the previously assigned homework.****Take-Home Quiz:** Histogram, Stem and Leaf Plot, Mean, Median, Mode, Distribution Shape |