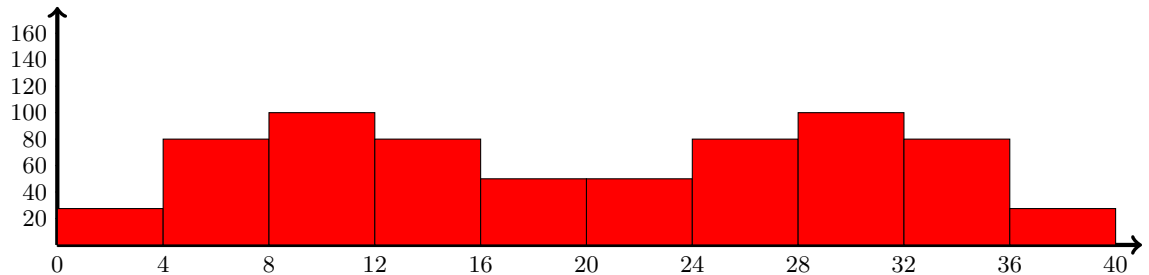


Practice Assessment 3**Name:****UAlbany****E-Mail:**

Closed book/notes. Scientific calculators only. For all free-response questions, work must be shown to receive full credit. Round *all* answers to *three* decimal places, where appropriate.

1. (1 pt.) The histogram shown below is of commute times for a sample of UAlbany faculty members.



Which of the following correctly describes the shape of the histogram?

- ① The histogram is unimodal and symmetric.
- ② The histogram is bimodal and symmetric.
- ③ The histogram is unimodal and positively skewed (skewed to the right).
- ④ The histogram is unimodal and negatively skewed (skewed to the right).
- ⑤ None of the above are true.

Questions 2 and 3 will reference the data below:

73 73 72 76 74 78 75 77 76 73 73

2. (1 pt.) Fill in the blank. The data set has $n = \underline{\hspace{2cm}}$ observations.
3. (8 pts.) Compute \bar{x} and the median of the data.