Chapter 13 Quiz

**Stem-and-Leaf Plot**

The number of home runs hit by the 20 baseball players with the best single-season batting average in the Major League Baseball since 1900 are listed below. Make a stem-and-leaf plot of the data:

14, 25, 8, 8, 7, 7, 19, 37, 39, 18, 42, 23, 4, 32, 14, 21, 3, 12, 19, 41

Question #1:

Question #2:

**Central Tendency**

The weights (in pounds) of ten pumpkins are 22, 21, 24, 24, 5, 24, 5, 23, 24, and 24.

1. What is the range of the pumpkins?
2. Find the mean, median, and mode(s) of the pumpkin weights.
   1. Mean:
   2. Median:
   3. Mode:

So far, you have scored 84, 92, 76, 88, and 76 on five of the six tests you will take in Algebra I class. Your goal is to finish the year with a test average of 85 or greater. What is the lowest test score you can get on your last test to meet you goal?

1. 81
2. 85
3. 94
4. 98

**Histogram**

The prices (in dollars) of sandwiches at a restaurant are listed below. Make a histogram of the data.

4.00, 4.00, 4.25, 4.50, 4.75, 4.25, 5.95, 5.50, 5.50, 5.75

|  |  |
| --- | --- |
| Prices | Sandwiches |
| $4.00-4.49 |  |
| $4.50-4.99 |  |
| $5.00-5.49 |  |
| $5.50-5.99 |  |

Question #1:

Question #2: