



Worksheet: Introduction to Descriptive Statistics

1. Summer camp attendees are asked to rate food quality at the camp. Here are the results:

Good, Good, Good, Fair, Good, Fair, Poor, Good, Poor, Fair, Good, Good, Fair, Good, Fair, Fair

Make a frequency table then a bar plot of the data.

2. Over many years, final class averages are compiled for a math class. The results are tabulated below.

Score	Percent
0 – 60	5
60 – 70	10
70 – 80	23
80 – 90	35
90 – 100	27

- a) Draw a histogram of the data.
- b) If a student scored exactly 90%, in which bin would the score be classified? (trick question)
- c) About what percent of students scored between 90 and 93?

3. A computer simulation of flipping coins is being tested. The results are tabulated below.

Number of Coin Flips	Percent of Heads
10	80
100	55
1000	57
10,000	57

Is the simulation working correctly? Which row of the table gives the strongest evidence to support your claim?