

Name : _____

Histograms and Box-and-Whisker Plots

Use your graphing calculator to create a histogram using the following data. Then answer the questions using your histogram.

You have taken a survey of the heights in inches of 30 students. The results are as follows: 70.25, 71.75, 68.5, 63, 64.5, 65.5, 67.25, 61, 65, 76, 72.5, 74, 60, 58.5, 61, 58, 59, 68, 69, 65.5, 68, 69, 67.5, 59.75, 62, 63, 64.5, 72, 71.5, 73

1. Fill in the blanks to show your window settings:

Xmin =
Xmax =
Xscl =
Ymin =
Ymax =

2. What number represents your interval?

3. In how many intervals was your data grouped?

4. What group was the largest? How many data points were contained in this interval?

5. What group was the smallest? How many data points were contained in this interval?

6. Did any of the intervals have the same number of data points? If so, name them.