**Analyzing Graphs Homework**

A teacher gives a math test to her twenty students. They received the following grades:

 87, 80, 90, 60, 78, 79, 80, 95, 97, 98, 99, 95, 75, 67, 79, 83, 84, 100, 97, 83

Construct a histogram of this data using intervals of 10 points.

Construct another histogram of this same data, but this time, using intervals of 5 points.

What do you notice about the two graphs? Is one more informative than the other?

How does having a different interval affect how the graphs look? Explain.